

Client: Woodside Energy Ltd.
Job No: AOH 312
Date: 22/09/2001

Field: Thylacine
Well: Thylacine 2
Installation: Ocean Bounty



Gas Analysis

Date	Time	Choke inches	Sample Point	CO2 mol%	H2S ppm	Radon Bq/m ³
Clean - up Flow Period (Zone 2)						
22/Sep/01	2:45	28/64"	Choke Manifold	9.0	1.0	
	3:30	48/64"	Choke Manifold	8.5	2.0	
	4:30	48/64"	Separator Gas Line	9.0	5.0	
	4:30	48/64"	Choke Manifold	9.0	4.0	
	5:30	48/64"	Choke Manifold	9.0	4.0	
	6:30	48/64"	Choke Manifold	9.0	4.0	
	7:30	42/64"	Choke Manifold	10.0		
	08:30*	42/64"	Separator Gas Line	9.0	3.2	
	9:30	42/64"	Choke Manifold	7.0	4.0	
	10:30	42/64"	Choke Manifold	9.0	4.0	
	11:30	42/64"	Choke Manifold	8.5	3.5	113
	12:30	96/64"	Choke Manifold	8.5	4.0	

* H2S reading was taken from UOP titration of separator gas.

Remarks

Analysis for CO₂, H₂S and mercaptans carried out using Kitagawa gas detection tubes.

Mercury analysis performed using PSA Sir Galahad Mercury Analyser.

Radon analysis performed using Scintrex RDA 200 Radon Detector Meter.

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Oilphase

Gas Analysis

Date	Time	Choke inches	Sample Point	CO2 mol%	H2S ppm	Mercury ng/m ³	Radon Bq/m ³
Clean - up Flow Period (Zone 1)							
19/Sep/01	2:30	32/64	Choke Manifold	8.0	0.0		
	3:30	32/64	Choke Manifold	9.0	0.0		
	4:30	32/64	Choke Manifold	8.0	0.0		
	5:00	40/64	Choke Manifold	8.5	0.0		
	6:00	48/64	Choke Manifold	8.0	0.0		
	7:00	48/64	Choke Manifold	7.0	0.0		
	8:00	48/64	Choke Manifold	9.0	0.0		
	9:00	48/64	Choke Manifold	7.5	0.0		
	10:00	48/64	Choke Manifold	9.0	0.0		
	11:00	48/64	Choke Manifold	6.0	0.0		
	12:00	48/64	Choke Manifold	9.0	0.0		
	14:00	64/64	Choke Manifold	7.0	0.0		
	13:00	64/64	Separator Gas Line	10.0	0.0		
	14:00	64/64	Separator Gas Line	10.0	0.0	0.0	393

Remarks

Analysis for CO₂, H₂S and mercaptans carried out using Kitagawa gas detection tubes.
Mercury analysis performed using PSA Sir Galahad Mercury Analyser.
Radon analysis performed using Scintrex RDA 200 Radon Detector Meter.

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Sample Listing

Sample No.	Sample Date	Sample Time	Sample Type	Sample Point	Bottle Type	Bottle No.
Zone 1						
1:01	18/09/01	23:00	Diesel Cushion	Downstream Choke	5 Litre IATA can.	N/A
1:02	18/09/01	23:20	Completion Brine	Active Mud Pit	5 Litre IATA cant.	N/A
1:03	19/09/01	10:00	Dead Condensate	Sep. Oil Sight Glass	5 Litre IATA can	N/A
1:04	19/09/01	11:15	Water	Sep. Water Line	1 Litre Glass	N/A
1:05	19/09/01	12:00	PVT Gas	Sep. Gas Line	20 Litre Luxfer	5235A
1:06	19/09/01	12:00	PVT Gas	Sep. Gas Line	20 Litre Luxfer	3555A
1:07	19/09/01	12:15	ROP Gas	Sep. Gas Line	10 Litre ROP	03711
1:08	19/09/01	12:25	Dead Condensate	Sep. Oil Sight Glass	5 Litre IATA can	N/A
1:09	19/09/01	12:35	Water	Sep. Water Line	1 Litre Glass	N/A
1:10	19/09/01	15:00	Wellstream Fluid	D/S Choke Man.	5 Litre IATA can	N/A
1:11	20/09/01	02:00	Dead Condensate	Sep. Oil Line	5 Litre IATA can	N/A
1:12	20/09/01	02:05	Dead Condensate	Sep. Oil Line	5 Litre IATA can	N/A
1:13	20/09/01	02:10	Dead Condensate	Sep. Oil Line	5 Litre IATA can	N/A
1:14	20/09/01	08:00	Dead Condensate	Sep. Oil Line	5 Litre IATA can	N/A
1:15	20/09/01	N/A	Dead Condensate	BS+W Centrifuge	1 Litre Glass Jar	N/A
1:16	20/09/01	13:15	Dead Condensate	Sep. Oil Line	5 Litre IATA can	N/A
Zone 2						
1:17	22/09/01	09:40	Water	Sep. Water Line	1 litre Plastic Bottle	N/A
1:18	22/09/01	09:40	Water	Sep. Water Line	1 litre Plastic Bottle	N/A
1:19	22/09/01	10:05	PVT Condensate	Sep. Oil Sight Glass	Conventional (CSB)	6802-MA
1:20	22/09/01	10:05	PVT Gas	Sep. Gas Line	20L Luxfer	4345A
1:21	22/09/01	10:37	PVT Condensate	Sep. Oil Sight Glass	Conventional (CSB)	6097-MA
1:22	22/09/01	10:37	PVT Gas	Sep. Gas Line	20L Luxfer	4281A
1:23	22/09/01	11:01	PVT Condensate	Sep. Oil Sight Glass	Conventional (CSB)	5960-MA
1:24	22/09/01	11:01	PVT Gas	Sep. Gas Line	20L Luxfer	3256A
1:25	22/09/01	12:16	ROP Gas	Sep. Gas Line	10L ROP	01352
1:26	22/09/01	12:47	Water	Sep. Water Line	1 litre Plastic Bottle	N/A
1:27	22/09/01	12:48	Dead Condensate	Sep. Oil Sight Glass	5 Litre IATA Can	N/A
1:28	22/09/01	12:49	Dead Condensate	Sep. Oil Sight Glass	5 Litre IATA Can	N/A
1:29	22/09/01	12:54	Dead Condensate	Sep. Oil Sight Glass	5 Litre IATA Can	N/A
1:30	22/09/01	12:56	Dead Condensate	Sep. Oil Sight Glass	5 Litre IATA Can	N/A
1:31	22/09/01	16:00	Dead Condensate	Sep. Oil Line	205 Litre Drum	N/A

Figure 24

Schlumberger

Woodside Energy Limited
Otway Basin / Thylacine-2 / DST #1, DST #2DST STRING
2001-015

DST WITH PERMANENT PACKER



Tool Description	Connection Top	Connection Bottom	O.D. In.	I.D. In.	Length m	Depth (ft) m	Volume Barrels
1 Flowhead 10K				3.00	3.80	-7.62	0.00
2 Crossover	5" SA box	4-1/2" PH-6 pin	6.50	3.00	0.60	-7.02	0.02
3 4-1/2" PH-6 tubing stand and 2x2.4m Pup	4-1/2" PH-6 box	4-1/2" PH-6 pin	5.13	3.83	43.47	36.45	2.05
4 Crossover	4-1/2" PH-6 box	5" SA pin	6.50	3.83	0.55	37.00	2.08
5 Lubricator Valve Assembly (SSLV)	5" SA box	5" SA box	12.50	3.00	1.54	38.54	2.12
6 Crossover	5" SA pin	4-1/2" PH-6 pin	6.50	3.00	0.47	39.01	2.13
7 4-1/2" PH-6 tubing stand	4-1/2" PH-6 box	4-1/2" PH-6 pin	5.13	3.83	77.65	116.85	5.77
8 Crossover	4-1/2" PH-6 box	3 1/2" PH-6 pin	6.49	3.00	0.63	117.48	5.78
9 Shear Sub	5" SA box		6.49	3.00	1.93	119.42	5.84
10 SenTree with Integral Slick Joint (SSTI)			12.50	3.00	2.49	121.91	5.91
11 Adjustable Hanger		5" SA pin	15.75	3.00	2.07	123.98	5.97
12 Crossover	5" SA box	4-1/2" PH-6 pin	6.50	3.00	0.42	124.40	5.98
13 Crossover	4-1/2" PH-6 box	3 1/2" PH-6 pin	5.59	3.83	0.38	124.78	6.00
14 3-1/2" PH-6 tubing and 2.85m Pup joint on top	3 1/2" PH-6 box	3 1/2" PH-6 pin	4.31	2.75	1947.70	2072.48	52.95
15 SHORT Rev. valve (3,000 psi)	3 1/2" PH-6 box	3 1/2" PH-6 pin	5.00	2.25	1.24	2073.72	52.97
16 3-1/2" PH-6 tubing stand 259,260,261	3 1/2" PH-6 box	3 1/2" PH-6 pin	4.31	2.75	28.62	2102.34	53.66
17 MCVL Circulating valve (1500 psi internal)	3 1/2" PH-6 box	3 1/2" PH-6 pin	5.00	2.25	2.93	2105.27	53.71
18 3-1/2" PH-6 tubing stand 262,263,264	3 1/2" PH-6 box	3 1/2" PH-6 pin	4.31	2.75	28.75	2134.02	54.40
19 LDCA SRO Sub	3 1/2" PH-6 box	4 1/2" SA pin	5.00	2.25	4.12	2138.14	54.47
20 Upper DGA Carrier, m.p. 2140.38 m MD	4-1/2" SA box	4 1/2" SA pin	5.00	2.25	2.74	2140.88	54.51
21 PCTV-E with HOOP-F (5-cycle 1500 psi)	4-1/2" SA box	4 1/2" SA pin	5.00	2.25	5.93	2146.81	54.61
22 PORT-F Ref Tool (500 psi)	4-1/2" SA box	3 1/2" PH-6 pin	5.00	2.25	1.51	2148.32	54.63
23 Lower DGA Carrier, m.p. 2151.07m MD	3 1/2" PH-6 box	3 1/2" PH-6 pin	5.00	2.25	3.55	2151.87	54.69
24 IFTV	3 1/2" PH-6 box	3 1/2" PH-6 pin	5.00	2.25	1.88	2153.75	54.72
25 Seal assembly and L - Locator	3 1/2" PH-6 box		4.10	3.00	3.50	2157.25	54.82
26 Mule shoe			3.99	3.00	0.31	2157.56	54.83
27 7" Model-4, Production Packer			5.88	4.00	0.77	2153.75	
28 Crossover			4.75		0.15	2154.87	
29 Seal Bore Extension			5.00		2.91	2157.58	
31 Crossover		2 7/8" EUE pin	4.75	2.25	0.16	2157.74	
32 2-7/8" EUE Pup joint	2 7/8" EUE box	2 7/8" EUE pin	3.67	2.44	3.00	2160.74	
33 Ported Debris Sub	2 7/8" EUE box	2 7/8" EUE pin	3.67	1.79	1.00	2161.74	
34 2-7/8" EUE Pup joint	2 7/8" EUE box	2 7/8" EUE pin	3.67	2.44	3.00	2164.74	
35 Mech Gun Drop Sub	2 7/8" EUE box	2 7/8" EUE pin	3.67	2.44	1.00	2165.74	
36 2-7/8" EUE tubing joint	2 7/8" EUE box	2 7/8" EUE pin	3.67	2.44	9.60	2175.34	
37 HDF/ICF Dual Firing Head	2 7/8" EUE box	2 3/4" mod Reg	3.67	1.55	1.00	2173.00	
38 Safety Spacer			4.50		3.00		
39 4-1/2" 12 spf HMX 34JL UJ TCP gun			4.50		top shot	2175.00	
40 4-1/2" 12 spf HMX 34JL UJ TCP gun			4.50		50.00		
41 4-1/2" 12 spf HMX 34JL UJ TCP gun			4.50		bottom shot	2225.00	
42 Bull Nose			4.50		0.23	2225.23	

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Date: 22/09/2001

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Water Analysis

Date	Time	Choke in	Sample Point	Chloride (mg/L)	Bicarbonate (mg/L)	pH	Density gm/cc @	deg F
Clean-up Flow Period (Zone 2)								
22/Sep/01	4:30	48/64"	Choke Manifold	24000	N/A	N/A	N/A	52.0
	5:30	48/64"	Choke Manifold	5000	N/A	7.0	0.9950	52.0
	06:00*	48/64"	Separator Inlet	6000	N/A	7.0	0.9960	60.0
	07:30*	48/64"	Separator Inlet	7000	N/A	7.1	N/A	N/A
	8:00	42/64"	Separator Inlet	7000	N/A	7.0	0.9950	52.0

* Water colour slightly milky. Unable to perform barium / strontium analysis.

Remarks

Analysis for chloride (Cl) carried out by titration
pH measured using pH meter
Density measured using Anton Paar Density Meter

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Water Analysis

Date	Time	Choke in	Sample Point	Chloride (mg/L)	Bicarbonate (mg/L)	pH	Density gm/cc @	deg F
Clean-up Flow Period (Zone 1)								
19/Sep/01	4:30		Ckoke Manifold	35000	N/A			
	5:30		Choke Manifold	32000	N/A			
	6:30		Choke Manifold	29000	N/A			
	7:30		Choke Manifold	29000	N/A	7.2	1.0500	60.0
	8:30		Choke Manifold	39000	N/A	7.2	1.0500	60.0
	9:30		Choke Manifold	24,000	N/A	7.0	1.0500	60.0
	11:15		Separator water line	50,000	N/A			
	14:30		Separator water line	50,000	N/A			

Remarks

Analysis for chloride (Cl) carried out by titration
pH measured using pH meter
Density measured using Anton Paar Density Meter



Woodside Energy Limited Otway Basin / Thylacine-2 / DST #1, DST #2	WELL TESTING DATA SHEET	MAIN DATA 1 2001-015
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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
18-Sep-01																						
22:36								Pressured up Annulus 1600 psi to open PCT.														
11:00								Picked up Flow head and installed onto DST string.														
11:45								Commenced rigging up Flow line and Kill line to Flow head.														
13:40								Lowered DST string to sting into packer.														
13:45								Landed out Fluted Hanger in wear bushing.														
14:25								Held JHA meeting on the rig floor.														
14:30								Started STAN Surface Data Acquisition.														
15:27								Commenced pressure testing surface equipment against Choke manifold and TFTV to 5000 psi.														
15:40								Bled off pressure to repair leak.														
15:50								Resumed pressure testing.														
16:02								Bled off pressure to repair leak.														
16:29								Resumed pressure testing.														
16:38								Bled off pressure to repair leak.														
17:12								Resumed pressure testing.														
17:29								Bled off pressure to repair leak.														
17:52								Resumed pressure testing.														
18:00								Bled off pressure to repair leak.														
18:41								Resumed pressure testing.														
18:47								Bled off pressure and bypassed OilPhase IWSS meter														
19:11								Resumed pressure testing.														
19:32								Commenced leak-off test on Kill line's check valve, 5000 psi.														
19:54								Tested good, bled off pressure.														
20:00								Held JHA meeting on the rig floor.														
20:08								Closed BOP ram.														
20:14								Pressured up Annulus to 1300 psi to activate TFTV, PORT.														



Woodside Energy Limited Otway Basin / Thylacine-2 / DST #1	WELL TESTING DATA SHEET	MAIN DATA 2 2001-023
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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
18-Sep-01																						
20:15		#N/A	#N/A	222	15	21	312															
20:16								TFTV and PORT activated. Tubing pressure 800 psi.														
20:16		#N/A	#N/A	856	15	21	1170															
20:17		#N/A	#N/A	838	15	21	1294															
20:18		#N/A	#N/A	820	15	21	1282															
20:19		#N/A	#N/A	805	15	21	1274															
20:20		#N/A	#N/A	795	15	21	1271															
20:21								Bled tubing pressure to 300 psi.														
20:21		#N/A	#N/A	658	15	22	1268															
20:22		#N/A	#N/A	261	15	24	1262															
20:23		#N/A	#N/A	213	15	24	1259															
20:24		#N/A	#N/A	213	15	22	1259															
20:25								Bled off tubing pressure.														
20:25		#N/A	#N/A	210	15	21	1256															
20:28		#N/A	#N/A	21	15	21	1250	Bled off Annulus pressure.														
20:30		#N/A	#N/A	21	15	21	29															
20:32		#N/A	#N/A	21	15	21	89	Pressured up Annulus to 1500 psi and cycle PCT into fail-safe position.														
20:35		#N/A	#N/A	21	15	21	1500															
20:37		#N/A	#N/A	21	15	21	1460	Bled off Annulus pressure, PCT closed.														
20:40		#N/A	#N/A	21	15	21	33															
20:45								Pressured up Annulus to 500 psi for cycling MCVL.														
20:45		#N/A	#N/A	21	15	21	79															
20:50		#N/A	#N/A	21	15	21	512															
20:51		#N/A	#N/A	28	15	21	509	Pressured up tubing to 1900 psi to cycle MCVL. (Cycle #1)														
20:55		#N/A	#N/A	1833	15	21	533															



Woodside Energy Limited Otway Basin / Thylacine-2 / DST #1	WELL TESTING DATA SHEET	MAIN DATA 3 2001-023
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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degF	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
18-Sep-01																						
20:56		#N/A	#N/A	51	15	25	509	Bled off tubing pressure.														
20:58		#N/A	#N/A	40	15	21	506	Pressured up tubing to 1900 psi to cycle MCVL. (Cycle #2)														
21:00		#N/A	#N/A	1875	15	21	530															
21:01		#N/A	#N/A	27	15	24	503	Bled off tubing pressure.														
21:03		#N/A	#N/A	33	15	21	500	Pressured up tubing to 1900 psi to cycle MCVL. (Cycle #3)														
21:05		#N/A	#N/A	1884	15	21	526															
21:06		#N/A	#N/A	63	15	25	211	Bled off tubing pressure. MCVL opened.														
21:07		#N/A	#N/A	27	15	21	128															
21:08		#N/A	#N/A	18	15	21	114															
21:09		#N/A	#N/A	18	15	21	117															
21:10		#N/A	#N/A	18	15	21	78															
21:15		#N/A	#N/A	18	15	21	32															
21:17		#N/A	#N/A	125	15	21	33	Commenced displace diesel cushion into test string.														
21:20		#N/A	#N/A	317	15	21	35															
21:25		#N/A	#N/A	531	15	21	36															
21:30		#N/A	#N/A	734	15	21	35															
21:35		#N/A	#N/A	933	15	21	35															
21:40		#N/A	#N/A	1168	15	21	35															
21:41		#N/A	#N/A	783	15	21	32	End of diesel cushion displacement. Total 44.5 bbls.														
21:44		#N/A	#N/A	251	15	22	33	Bled off tubing pressure. MCVL closed.														
21:45		#N/A	#N/A	21	15	24	33															
21:46		#N/A	#N/A	21	15	21	98	Pressured up Annulus 400 psi to ensure MCVL closed.														
21:50		#N/A	#N/A	23	15	21	399	Held JHA meeting on the rig floor.														
21:50		#N/A	#N/A	23	15	21	399															
21:55		#N/A	#N/A	24	15	21	386															



Woodside Energy Limited Otway Basin / Thylacine-2 / DST #1	WELL TESTING DATA SHEET	MAIN DATA 4 2001-023
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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
18-Sep-01																						
22:00		#N/A	#N/A	24	15	21	374															
22:05		#N/A	#N/A	24	15	21	365															
22:10		#N/A	#N/A	24	15	21	356															
22:15		#N/A	#N/A	24	15	21	347															
22:20		#N/A	#N/A	24	15	21	339															
22:25		#N/A	#N/A	24	15	21	332															
22:30								Pressured up Annulus to 1500 psi to open PCT.														
22:30		#N/A	#N/A	24	15	21	324															
22:33		#N/A	#N/A	33	15	21	1502	Pressured up tubing to 4000 psi to fire TCP guns.														
22:35		#N/A	#N/A	1526	15	21	1489															
22:40		#N/A	#N/A	2553	15	24	1489															
22:41		#N/A	#N/A	266	15	24	1457	Bled tubing pressure to 50 psi.														
22:45		#N/A	#N/A	83	15	21	1448															
22:50		#N/A	#N/A	98	15	21	1441															
22:54		#N/A	#N/A	125	15	21	1440	TCP guns perforated 2176m - 2226m RT. (DST #1)														
22:55								Opened well on 24/64" adjustable choke, flowed to Surge tank. (Initial Flow Period)														
22:55	24	#N/A	#N/A		15	22	1439															
22:56	24	#N/A	#N/A	384	15	24	1439															
22:57	24	#N/A	#N/A	409	15	23	1439															
22:58	24	#N/A	#N/A	430	15	22	1439															
22:59	24	#N/A	#N/A	436	15	21	1439															
23:00								OilPhase collected diesel cushion sample from downstream choke manifold (Sample #1.01)														
23:00	24	#N/A	#N/A	439	15	22	1439															
23:01	24	#N/A	#N/A	433	15	21	1439															
23:02	24	#N/A	#N/A	445	15	21	1439															



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
18-Sep-01																						
23:03	24	#N/A	#N/A	451	15	21	1439															
23:04	24	#N/A	#N/A	446	15	21	1438															
23:05	24	#N/A	#N/A	452	15	21	1436															
23:06								Bled off Annulus pressure to close PCT. (Initial shut-in Period)														
23:06		#N/A	#N/A	453	15	22	1223															
23:07		#N/A	#N/A	380	15	21	33															
23:08								Closed in Choke manifold.														
23:08		#N/A	#N/A	369	15	21	33															
23:09		#N/A	#N/A	359	15	21	32															
23:10		#N/A	#N/A	351	15	21	33															
23:15		#N/A	#N/A	321	15	22	33															
23:20		#N/A	#N/A	308	15	21	33	OilPhase collected completion brine sample from active mud pit (Sample #1.02)														
23:30		#N/A	#N/A	295	15	21	33															
23:45		#N/A	#N/A	286	15	21	32															
19-Sep-01																						
00:00		#N/A	#N/A	281	15	34	32															
00:05		#N/A	#N/A	278	15	21	32															
00:10		#N/A	#N/A	299	15	21	413															
00:11								Pressured up Annulus to open PCT.														
00:11		#N/A	#N/A	310	15	21	894															
00:12								Opened well on 24/64" adjustable choke to Surge tank. (Clean-up & Main Flow Period)														
00:12	24	#N/A	#N/A	447	14	22	1623															
00:13	24	#N/A	#N/A	454	14	24	1672															
00:14	24	#N/A	#N/A	457	14	24	1656															
00:15	24	#N/A	#N/A	461	14	24	1648															



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
19-Sep-01																						
00:16	24	#N/A	#N/A	466	14	24	1642															
00:17	24	#N/A	#N/A	466	14	24	1636															
00:18	24	#N/A	#N/A	469	14	24	1634															
00:19	24	#N/A	#N/A	469	14	24	1630															
00:20	24	#N/A	#N/A	472	14	24	1630															
00:21	24	#N/A	#N/A	472	14	24	1627															
00:22	24	#N/A	#N/A	474	14	24	1624															
00:23	24	#N/A	#N/A	475	14	24	1624															
00:24	24	#N/A	#N/A	476	14	26	1621															
00:25	24	#N/A	#N/A	478	14	27	1622															
00:26	24	#N/A	#N/A	478	14	27	1619															
00:27								Increased adjustable choke to 32/64". Flow through Steam Exchanger.														
00:27	32	#N/A	#N/A	339	14	27	1619															
00:28	32	#N/A	#N/A	319	14	24	1618															
00:29	32	#N/A	#N/A	325	14	24	1619															
00:30	32	#N/A	#N/A	334	14	26	1619															
00:31	32	#N/A	#N/A	337	14	27	1622															
00:32	32	#N/A	#N/A	345	14	27	1622															
00:33	32	#N/A	#N/A	354	14	27	1625															
00:34	32	#N/A	#N/A	361	15	27	1625															
00:35	32	#N/A	#N/A	369	15	27	1627															
00:40	32	#N/A	#N/A	398	15	27	1632															
00:45	32	#N/A	#N/A	440	15	27	1642															
00:50	32	#N/A	#N/A	469	15	27	1651															
00:55	32	#N/A	#N/A	525	15	26	1660															



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
19-Sep-01																						
01:00	32	#N/A	#N/A	584	15	24	1669															
01:05								Estimated diesel cushion flowing at 300 bbl/d.														
01:05	32	#N/A	#N/A	634	15	24	1674															
01:10	32	#N/A	#N/A	682	15	24	1677															
01:15								Estimated diesel cushion flowing at 300 bbl/d.														
01:15	32	#N/A	#N/A	726	15	24	1683															
01:20	32	#N/A	#N/A	779	15	24	1688															
01:25	32	#N/A	#N/A	833	15	24	1692															
01:30								Estimated diesel cushion flowing at 430 bbl/d.														
01:30	32	#N/A	#N/A	880	15	24	1693															
01:35	32	#N/A	#N/A	915	15	24	1696															
01:40	32	#N/A	#N/A	961	15	24	1695															
01:45	32	#N/A	#N/A	1000	15	24	1696															
01:50								Estimated diesel cushion flowing at 215 bbl/d. Gas at surface.														
01:50	32	#N/A	#N/A	1035	15	24	1698															
01:55	32	#N/A	#N/A	1069	15	25	1698															
02:00								Diverted flow to burner. Recovered 14 bbls diesel cushion														
02:00	32	#N/A	#N/A	1112	15	22	1698															
02:05	32	#N/A	#N/A	1144	15	27	1698															
02:10	32	#N/A	#N/A	1163	15	33	1698															
02:11	32	#N/A	#N/A	1165	15	35	1698	Adjustable choke side plugged with scales, diverted flow to 32/64" fixed choke.														
02:15								Removed adjustable choke box to clean.														
02:15	32	#N/A	#N/A	986	17	407	1718															
02:20	32	#N/A	#N/A	857	17	392	1472															
02:22	32	#N/A	#N/A	944	17	309	1496	Brine at surface.														



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
19-Sep-01																						
02:25	32	#N/A	#N/A	1022	17	447	1519															
02:30	32	#N/A	#N/A	1017	17	513	1536															
02:35								Switched flow through 32/64" adjustable choke.														
02:35	32	#N/A	#N/A	908	16	452	1557															
02:38	36	#N/A	#N/A	962	16	294	1569	Increased adjustable choke to 36/64".														
02:40	36	#N/A	#N/A	991	16	305	1577															
02:45								BSW = 90% Brine; H2S = 0 ppm; CO2 = 8 %														
02:45	36	#N/A	#N/A	1070	16	149	1596															
02:50	36	#N/A	#N/A	1171	16	143	1613															
02:55	36	#N/A	#N/A	1280	16	130	1627															
03:00								BSW = 75% Brine, 25% Diesel; H2S = 0 ppm; CO2 = 8 %														
03:00	36	#N/A	#N/A	1363	16	265	1639															
03:05	36	#N/A	#N/A	1408	16	155	1648															
03:10	36	#N/A	#N/A	1414	16	198	1657															
03:12	32	#N/A	#N/A	1306	15	365	1660	Diverted flow to 32/64" fixed choke and removed scales from adjustable choke box.														
03:15								Unable to measure BSW, due to insufficient fluids.														
03:15	32	#N/A	#N/A	1152	15	272	1663															
03:20	32	#N/A	#N/A	982	15	222	1669															
03:23	32	#N/A	#N/A	924	15	205	1676	Diverted flow to 32/64" adjustable choke and removed scales from fixed choke box.														
03:25	32	#N/A	#N/A	940	15	149	1681															
03:30								H2S = 0 ppm; CO2 = 8.75 %, unable to measure BSW.														
03:30	32	#N/A	#N/A	1112	16	128	1698															
03:35								Diverted flow to 32/64" fixed choke and removed scales from adjustable choke box.														
03:35	32	#N/A	#N/A	1284	16	106	1666															
03:40	32	#N/A	#N/A	1071	15	257	1451															



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
19-Sep-01																						
03:45	32	#N/A	#N/A	990	15	234	1469															
03:50	32	#N/A	#N/A	955	15	209	1483															
03:55	32	#N/A	#N/A	936	15	208	1495	Diverted flow through separator to assist flaring.														
04:00								H2S = 0 ppm; CO2 = 8%, BSW = 100% Brine														
04:00	32	#N/A	#N/A	947	15	374	1510	323	58	16												
04:05	32	#N/A	#N/A	950	15	385	1522	330	70	16												
04:10	32	#N/A	#N/A	964	15	360	1533	307	74	16												
04:15	32	#N/A	#N/A	973	15	373	1545	317	78	16												
04:20	32	#N/A	#N/A	985	15	385	1555	325	81	16												
04:23	32	#N/A	#N/A	985	15	387	1563	Installed 2.50" orifice plate into meter run.														
04:25	32	#N/A	#N/A	988	15	393	1569	337	82	16						0.716	8.0	0		4.65		
04:30	32	#N/A	#N/A	1000	15	388	1577	334	84	16						0.716	8.0	0		4.65		
04:35	32	#N/A	#N/A	1003	15	397	1583	341	85	16						0.716	8.0	0		4.79		
04:40	32	#N/A	#N/A	1003	15	377	1589	324	71	16						0.716	8.0	0		4.67		
04:45	32	#N/A	#N/A	1009	15	367	1601	307	49	16						0.716	8.0	0		4.56		
04:50	32	#N/A	#N/A	1012	15	383	1610	322	33	16						0.716	8.0	0		4.48		
04:53		#N/A	#N/A	1013	15	384	1613	Lift up 2.50" orifice plate from meter run.														
04:55								Switched flow through 40/64" fixed choke.														
04:55	40	#N/A	#N/A	947	15	426	1615															
04:58	40	#N/A	#N/A	838	15	389	1621	Installed 2.50" orifice plate into meter run.														
05:00								Condensate level was too low to be measured														
05:00								H2S = 0 ppm; CO2 = 8%, BSW = 65% Brine, 35% Condensate, CL=35000														
05:00	40	#N/A	#N/A	804	15	380	1621	317	20	16						0.716	8.0	0		5.67		
05:05	40	#N/A	#N/A	749	15	384	1615	325	40	16						0.716	8.0	0		5.57		
05:10	40	#N/A	#N/A	739	15	377	1616	317	59	16						0.716	8.0	0		5.72		



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
19-Sep-01																						
05:15	40	#N/A	#N/A	732	15	380	1613	323	64	16						0.716	8.0	0		5.73		
05:20	40	#N/A	#N/A	744	15	382	1610	325	67	16						0.716	8.0	0		5.75		
05:25	40	#N/A	#N/A	751	15	388	1586	329	70	16						0.716	8.0	0		5.81		
05:30								BSW = 62% Brine, 48% Condensate, CL=32000														
05:30	40	#N/A	#N/A	752	15	390	1563	334	72	16						0.716	8.0	0		5.85		
05:35	40	#N/A	#N/A	759	15	394	1533	335	72	16						0.716	8.0	0		5.90		
05:40	40	#N/A	#N/A	764	15	394	1504	337	73	16						0.716	8.0	0		5.87		
05:41	48	#N/A	#N/A	709	15	424	1498	Lift up 2.50" orifice plate from meter run. Diverted flow through 48/64" fixed choke.														
05:45	48	#N/A	#N/A	582	15	335	1595	248	70	16						0.716	8.0	0				
05:49	48	#N/A	#N/A	552	15	267	1552	Installed 2.50" orifice plate into meter run.														
05:50	48	#N/A	#N/A	549	15	268	1545	161	66	16						0.722	8.0	0		6.74		
05:55	48	#N/A	#N/A	545	15	264	1506	160	67	16						0.722	8.0	0		6.72		
06:00								Condensate level was too low to be measured														
06:00								H2S = 0 ppm; CO2 = 8%, BSW = 60% Brine, 40% Condensate														
06:00	48	#N/A	#N/A	549	15	266	1475	161	69	16						0.722	8.0	0		6.73		
06:03	48	#N/A	#N/A	555	15	270	1457	Dumped Separator contaminated liquid compartment.														
06:05	48	#N/A	#N/A	555	15	270	1481	161	68	16						0.722	8.0	0		6.72		
06:10	48	#N/A	#N/A	555	15	268	1624	161	68	16						0.722	8.0	0		6.75		
06:15								Stopped dumping Separator liquid.														
06:15	48	#N/A	#N/A	559	15	274	1583	163	68	16						0.722	8.0	0		6.81		
06:20	48	#N/A	#N/A	555	15	270	1526	164	69	16						0.722	8.0	0		6.83		
06:25	48	#N/A	#N/A	557	15	270	1464	164	65	16						0.722	8.0	0		6.82		
06:30								H2S = 0 ppm; CO2 = 8.5%, BSW = 60% Brine, 40% Condensate, CL=29000														
06:30	48	#N/A	#N/A	561	15	270	1682	161	59	16						0.722	8.5	0		6.74		
06:35	48	#N/A	#N/A	563	15	268	1630	161	53	16						0.722	8.5	0		6.74		



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
19-Sep-01																						
06:40	48	#N/A	#N/A	564	15	269	1581	161	51	16						0.722	8.5	0		6.77		
06:45	48	#N/A	#N/A	564	15	270	1531	163	53	16						0.722	8.5	0		6.83		
06:50	48	#N/A	#N/A	567	15	274	1481	164	58	16						0.722	8.5	0		6.87		
06:55								Dumped 20 liters of pressure tested water from separator.														
06:55	48	#N/A	#N/A	569	15	273	1615	166	61	16						0.722	8.5	0		6.90		
07:00								Separator Condensate level was too low to be measured. BSW = 50% Brine														
07:00	48	#N/A	#N/A	569	15	276	1672	169	64	16						0.722	8.5	0		6.96		
07:15	48	#N/A	#N/A	569	15	278	1548	172	66	16						0.722	8.5	0		6.98		
07:30								BSW = 60% contaminated Brine, 40% Condensate, CL=29000														
07:30	48	#N/A	#N/A	572	15	276	1474	169	60	16						0.728	8.0	0		6.93		
07:45	48	#N/A	#N/A	575	15	279	1689	172	66	16						0.728	8.0	0		7.00		
08:00								BSW = 60% contaminated Brine, 40% Condensate														
08:00	48	#N/A	#N/A	576	15	279	1545	169	59	16						0.728	7.5	0		6.93		
08:15	48	#N/A	#N/A	578	15	280	1457	172	65	16						0.728	7.5	0		7.04		
08:30								BSW = 41% contaminated Brine, 59% Condensate CL=39000														
08:30	48	#N/A	#N/A	578	16	291	1608	178	71	16						0.728	8.5	0		7.12		
08:45	48	#N/A	#N/A	578	16	277	1512	172	55	16						0.728	8.5	0		6.94		
09:00								Separator Condensate level was too low to be measured. BSW = 44% Brine														
09:00	48	#N/A	#N/A	582	16	276	1708	169	52	16						0.728	7.5	0		7.03		
09:15	48	#N/A	#N/A	586	16	282	1580	175	63	16						0.728	7.5	0		7.13		
09:30								BSW = 45% contaminated Brine, 55% Condensate. CL=24000														
09:30	48	#N/A	#N/A	587	16	294	1646	178	71	16						0.728	7.5	0		7.16		
09:45	48	#N/A	#N/A	587	16	300	1548	181	74	16						0.728	7.5	0		7.18		
10:00								OilPhase collected dead condensate sample from Separator oil sight glass (Sample #1.03)														
10:00								BSW = 42% contaminated Brine, 58% Condensate.														



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
19-Sep-01																						
10:00	48	#N/A	#N/A	587	16	312	1688	181	76	17						0.727	9.0	0		7.17		
10:15	48	#N/A	#N/A	593	16	282	1575	175	63	17						0.727	9.0	0		7.02		
10:27	48	#N/A	#N/A	593	16	277	1786	Closed Lower Pipe Ram, Annulus pressure holding.														
10:30								BSW = 54% contaminated Brine, 46% Condensate.														
10:30	48	#N/A	#N/A	593	16	274	1772	168	44	17						0.727	9.0	0		6.96		
10:45	48	#N/A	#N/A	593	16	279	1780	170	53	18						0.727	9.0	0		7.12		
11:00								BSW = 45% contaminated Brine, 55% Condensate.														
11:00	48	#N/A	#N/A	587	16	294	1789	178	68	20						0.727	7.0	0		7.21		
11:15								OilPhase collected water sample from Separator water line (Sample #1.04)														
11:15	48	#N/A	#N/A	587	16	300	1798	181	74	20						0.727	7.0	0		7.23		
11:30								BSW = 42% contaminated Brine, 58% Condensate.														
11:30	48	#N/A	#N/A	587	17	300	1807	181	78	20						0.727	7.0	0		7.23		
11:45	48	#N/A	#N/A	584	17	300	1816	181	80	19						0.727	7.0	0		7.22		
12:00								OilPhase collected PVT gas sample from Separator gas line (Sample #1.05, #1.06)														
12:00								BSW = 44% contaminated Brine, 56% Condensate.														
12:00	48	#N/A	#N/A	587	17	303	1825	181	81	18						0.727	7.0	0		7.25		
12:15								OilPhase collected ROP gas sample from Separator gas line (Sample #1.07)														
12:15	48	#N/A	#N/A	590	17	293	1833	178	71	18						0.727	7.0	0		7.15		
12:25								OilPhase collected dead condensate sample from Separator oil sight glass (Sample #1.08)														
12:30								BSW = 52% contaminated Brine, 48% Condensate.														
12:30	48	#N/A	#N/A	593	17	280	1842	175	61	18						0.722	7.0	0		7.13		
12:35								OilPhase collected water sample from Separator water line (Sample #1.09)														
12:45	48	#N/A	#N/A	596	17	283	1851	175	63	18						0.722	7.0	0		7.22		
12:48	56	#N/A	#N/A	596	17	285	1854	Lift up 2.50" orifice plate from meter run.														
12:49	50	#N/A	#N/A	574	17	302	1854	Diverted flow to 48/64" adjustable choke and increased to 50/64".														

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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
19-Sep-01																						
12:52	52	#N/A	#N/A	697	18	260	1418	Increased adjustable choke to 52/64".														
13:00	52	#N/A	#N/A	561	17	292	1437	166	70	19						0.722	7.0	0				
13:09	56	#N/A	#N/A	540	17	293	1445	Increased adjustable choke to 56/64".														
13:15	56	#N/A	#N/A	451	17	294	1445	169	75	19						0.722	7.0	0				
13:18	64	#N/A	#N/A	449	17	285	1448	Increased adjustable choke to 64/64".														
13:19	64	#N/A	#N/A	446	17	278	1448	Decreased Separator pressure to 140 psi.														
13:28	64	#N/A	#N/A	346	16	277	1451	Diverted flow to 64/64" fixed choke.														
13:30								Installed 2.75" orifice plate into meter run.														
13:30								BSW = 44% contaminated Brine, 56% Condensate.														
13:30	64	#N/A	#N/A	363	16	274	1450	143	76	19						0.722	7.0	0		7.55		
13:35	64	#N/A	#N/A	369	17	276	1454	146	79	19						0.722	7.0	0		7.57		
13:40	64	#N/A	#N/A	366	17	277	1454	146	80	19						0.722	7.0	0		7.58		
13:45	64	#N/A	#N/A	366	17	277	1456	146	80	19						0.722	7.0	0		7.57		
13:50	64	#N/A	#N/A	369	17	277	1458	146	81	18						0.722	7.0	0		7.57		
13:55	64	#N/A	#N/A	369	17	279	1460	146	82	18						0.722	7.0	0		7.57		
14:00								BSW = 35% contaminated Brine, 65% Condensate.														
14:00	64	#N/A	#N/A	369	17	280	1460	146	82	18						0.722	7.0	0		7.57		
14:15	64	#N/A	#N/A	369	17	280	1464	146	83	19						0.722	7.0	0		7.56		
14:30								BSW = 38% contaminated Brine, 62% Condensate.														
14:30	64	#N/A	#N/A	369	17	283	1469	146	84	20						0.722	7.0	0		7.56		
14:45	64	#N/A	#N/A	372	17	283	1471	146	85	21						0.722	7.0	0		7.56		
15:00								OilPhase collected wellstream fluid sample from downstream Choke manifold (Sample #1.10)														
15:00								Lift up 2.50" orifice plate from meter run.														
15:00	64	#N/A	#N/A	366	17	271	1474	143	71	22						0.722	7.0	0		7.47		
15:04		#N/A	#N/A	363	17	265	1413	Bled off Annulus pressure to close PCT. (Main shut-in Period)														



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	Mscfd	bwpd	bbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
19-Sep-01																						
15:05		#N/A	#N/A	363	17	263	1245															
15:06		#N/A	#N/A	337	17	225	33	Closed in Choke manifold.														
15:10		#N/A	#N/A	424	17	22	27															
15:15		#N/A	#N/A	422	18	21	27															
15:30		#N/A	#N/A	422	19	22	27															
16:00		#N/A	#N/A	422	20	22	27															
16:30		#N/A	#N/A	422	19	21	24															
17:00		#N/A	#N/A	422	19	21	24															
17:08		#N/A	#N/A	422	19	21	24	Closed Flow head Master valve.														
17:10		#N/A	#N/A	421	19	21	24	Bled off tubing pressure through Choke manifold.														
17:30		#N/A	#N/A	18	18	25	24															
18:00		#N/A	#N/A	18	18	21	24	Commenced rigging up Slickline equipment														
18:30		#N/A	#N/A	18	18	21	24															
19:00		#N/A	#N/A	18	17	21	24															
19:30		#N/A	#N/A	19	17	21	25															
19:55		#N/A	#N/A	18	17	21	24	Opened Swab valve.														
20:00		#N/A	#N/A	50	17	21	24	Commenced pressure testing Slickline equipment against Choke manifold and Master valve to 5000 psi.														
20:30		#N/A	#N/A	4724	18	22	27	Leaks on Kill line's chucksan, bled off Kill line pressure. Trapped pressure at check valve.														
20:31		#N/A	#N/A					Tested against Kill line's check valve, Choke manifold, Master valve and Slickline equipment, 5000 psi.														
20:52		#N/A	#N/A	4666	17	22	24	Tested good, bled off pressure. Replace leaking chucksan on Kill line.														
21:00		#N/A	#N/A	33	17	24	27															
21:10		#N/A	#N/A	24	17	26	26	Closed swab valve.														
21:11		#N/A	#N/A	79	17	27	26	Pressure testing kill line against Choke manifold, Swab and Master valve to 5000 psi														
21:23		#N/A	#N/A	3309	18	25	25	Tested good, bled off pressure.														
21:27		#N/A	#N/A	33	18	32	24	Commenced filling up Surge tank with 40 bbls of diesel.														



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
19-Sep-01																						
21:30		#N/A	#N/A	235	20	215	24															
21:45		#N/A	#N/A	21	19	25	25	Completed filling up diesel in Surge tank.														
22:00		#N/A	#N/A	24	18	21	24															
22:30		#N/A	#N/A	39	18	21	24															
23:00		#N/A	#N/A	50	17	21	24															
23:30		#N/A	#N/A	62	16	21	24															
20-Sep-01																						
00:00		#N/A	#N/A	72	16	21	24															
00:30		#N/A	#N/A	85	15	21	24															
01:00		#N/A	#N/A	97	15	21	23															
01:30		#N/A	#N/A	106	15	21	24															
02:00		#N/A	#N/A	118	14	21	23															
02:30		#N/A	#N/A	130	14	21	24															
03:00		#N/A	#N/A	142	14	21	24															
03:30		#N/A	#N/A	155	14	21	23															
04:00		#N/A	#N/A	168	14	21	24															
04:30		#N/A	#N/A	180	14	21	24															
05:00		#N/A	#N/A	195	13	21	24															
05:30		#N/A	#N/A	207	13	21	24															
06:00		#N/A	#N/A	221	13	21	24															
06:19		#N/A	#N/A	422	13	21	23	Opened Master Valve.														
06:22		#N/A	#N/A	422	13	21	1017	Pressured up Annulus to open PCT. (End of DST #1)														
06:29		#N/A	#N/A	2049	13	21	1724	Opened Swab valve, ran in hole Slickline with OTIS B shifting tool.														
06:30		#N/A	#N/A	2150	13	21	1732															
07:00		#N/A	#N/A	2584	13	21	1701															



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
20-Sep-01																						
07:23		#N/A	#N/A	2598	13	21	1662	Released TCP guns and continued drift run down to 2252m														
07:28		#N/A	#N/A	2601	13	21	1657	Commenced pulling out of hole with Slickline tool string.														
07:30		#N/A	#N/A	2603	13	21	1654															
07:58		#N/A	#N/A	2612	13	21	1622	Slickline on surface, closed Master valve.														
08:00		#N/A	#N/A	2610	13	21	1618															
08:25		#N/A	#N/A	2601	13	21	1211	Bled off Annulus to close PCT.														
08:30		#N/A	#N/A	2604	13	21	26															
08:36		#N/A	#N/A	1526	13	24	26	Bled down Surface pressure to 550 psi.														
08:40		#N/A	#N/A	556	13	172	27	Closed Lubricator valve SSLV.														
08:45		#N/A	#N/A	1445	15	27	26	Opened Master valve.														
08:51		#N/A	#N/A	998	14	122	27	Bled down Surface pressure to 250 psi.														
09:00		#N/A	#N/A	266	13	21	27															
09:08		#N/A	#N/A	18	12	28	26	Inflow tested good, bled off surface pressure.														
09:10		#N/A	#N/A	18	12	21	26	Closed Swab valve, rigged down Slickline.														
09:30		#N/A	#N/A	18	13	21	26															
10:00		#N/A	#N/A	18	14	21	26															
10:15		#N/A	#N/A	18	14	21	26	Commenced preparing to run 2-1/8", 6 spf, 45 deg phased guns. (DST #2)														
10:30		#N/A	#N/A	18	14	21	27															
11:00		#N/A	#N/A	18	14	21	26															
11:30		#N/A	#N/A	18	15	21	26															
12:00		#N/A	#N/A	18	15	21	27															
12:30		#N/A	#N/A	18	16	21	27															
12:50		#N/A	#N/A	18	16	21	27	Commenced rigging up wireline lubricator.														
13:00		#N/A	#N/A	18	17	21	27															
13:30		#N/A	#N/A	18	18	21	27															



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
20-Sep-01																						
14:00		#N/A	#N/A	18	20	21	27															
14:30		#N/A	#N/A	16	20	21	27	Wireline's monocable damaged. Rigging down wireline lubricator to re-build rope socket.														
15:00		#N/A	#N/A	18	20	21	27															
15:30		#N/A	#N/A	18	21	21	27															
16:00		#N/A	#N/A	18	20	21	27															
16:30		#N/A	#N/A	18	19	21	27															
17:00		#N/A	#N/A	18	18	21	27															
17:30		#N/A	#N/A	18	17	21	27															
18:00		#N/A	#N/A	18	16	21	27															
18:30		#N/A	#N/A	21	15	21	26	Commenced rigging up wireline lubricator.														
19:00		#N/A	#N/A	18	14	21	26	Opened swab valve.														
19:10		#N/A	#N/A	23	14	24	24	Commenced pressure testing wireline lubricator against SSLV, choke manifold, 5000 psi														
19:30		#N/A	#N/A	4777	14	24	23															
19:32		#N/A	#N/A	4452	14	24	24	Leaks on Kill line's chickens, bled off Kill line pressure. Trapped pressure at check valve.														
19:33		#N/A	#N/A	4448	14	24	24	Tested against Kill line's check valve, Choke manifold, SSLV and Wireline lubricator.														
19:45		#N/A	#N/A	89	13	25	24	Tested good, bled off pressure. Replace leaking chickens on Kill line.														
19:57		#N/A	#N/A	581	14	24	24	Pressure tested kill line against Choke manifold, wireline lubricator, SSLV to 3500 psi														
20:00		#N/A	#N/A	3473	14	24	23															
20:05		#N/A	#N/A	24	14	25	24	Tested good, bled off pressure.														
20:10		#N/A	#N/A	24	14	24	23	Held JHA meeting on the rig floor.														
20:30		#N/A	#N/A	23	14	24	23															
21:00		#N/A	#N/A	21	13	24	23															
21:30		#N/A	#N/A	23	13	24	25	Commenced rigging up wireline lubricator with 2-1/8" Enerjet guns.														
22:00		#N/A	#N/A	23	12	24	23															
22:30		#N/A	#N/A	43	12	24	23															



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
20-Sep-01																						
22:31		#N/A	#N/A	80	12	24	24	Pressured up tubing 550 psi to equalize and open SSLV.														
22:32		#N/A	#N/A	670	12	24	23	SSLV opened.														
22:33		#N/A	#N/A	2536	12	24	23															
22:34		#N/A	#N/A	2536	12	24	24															
22:35		#N/A	#N/A	2539	12	24	50															
22:37		#N/A	#N/A	2556	12	24	1165	Pressured up Annulus 1600 psi to open PCT.														
22:40		#N/A	#N/A	2574	12	24	1569	Commenced running in hole 2-1/8" Enerjet guns.														
22:45		#N/A	#N/A	2574	12	24	1551															
22:50		#N/A	#N/A	2571	12	24	1542															
22:55		#N/A	#N/A	2568	12	24	1536															
23:00		#N/A	#N/A	2559	12	24	1530															
23:05		#N/A	#N/A	2556	12	24	1524															
23:10		#N/A	#N/A	2557	12	24	1520															
23:15		#N/A	#N/A	2559	12	24	1516															
23:20		#N/A	#N/A	2562	12	24	1512															
23:25		#N/A	#N/A	2559	12	24	1507															
23:30		#N/A	#N/A	2559	12	24	1504															
23:35		#N/A	#N/A	2559	12	24	1501															
23:40		#N/A	#N/A	2557	12	24	1497															
23:45		#N/A	#N/A	2557	12	24	1566															
23:50		#N/A	#N/A	2555	12	24	1562															
23:55		#N/A	#N/A	2560	12	24	1557															
21-Sep-01																						
00:00		#N/A	#N/A	2565	12	24	1554															
00:05		#N/A	#N/A	2569	11	24	1551															



Woodside Energy Limited
Otway Basin / Thylacine-2 / DST #1

WELL TESTING DATA SHEET

MAIN DATA 19
2001-023

Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
21-Sep-01																						
00:10		#N/A	#N/A	2573	11	24	1547															
00:15		#N/A	#N/A	2580	11	24	1542															
00:20		#N/A	#N/A	2585	11	24	1539															
00:25		#N/A	#N/A	2586	11	24	1536															
00:30		#N/A	#N/A	2593	11	24	1533															
00:35		#N/A	#N/A	2599	11	24	1530															
00:40		#N/A	#N/A	2607	11	24	1528															
00:45		#N/A	#N/A	2613	11	24	1527	Started wireline depth correlation.														
00:50		#N/A	#N/A	2618	11	24	1721															
00:55		#N/A	#N/A	2624	11	24	1716															
01:00		#N/A	#N/A	2629	11	24	1715															
01:05		#N/A	#N/A	2633	11	24	1714															
01:10		#N/A	#N/A	2637	11	24	1712															
01:15		#N/A	#N/A	2642	11	24	1711															
01:20		#N/A	#N/A	2642	11	24	1710															
01:25		#N/A	#N/A	2645	11	24	1710															
01:30		#N/A	#N/A	2645	11	24	1707															
01:31		#N/A	#N/A	2646	11	24	1707	Power on Enerjet perforation guns.														
01:32		#N/A	#N/A	2646	11	24	1707															
01:33		#N/A	#N/A	2646	11	24	1707															
01:34		#N/A	#N/A	2647	11	24	1707															
01:35		#N/A	#N/A	2647	11	24	1707															
01:36		#N/A	#N/A	2647	11	24	1707															
01:37		#N/A	#N/A	2647	11	24	1707															
01:38		#N/A	#N/A	2647	11	24	1706															



Woodside Energy Limited
Otway Basin / Thylacine-2 / DST #1

WELL TESTING DATA SHEET

MAIN DATA 20
2001-023

Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
21-Sep-01																						
01:39		#N/A	#N/A	2647	11	24	1705															
01:40		#N/A	#N/A	2648	11	24	1704	Commenced pulling out of hole with Enerjet guns.														
01:45		#N/A	#N/A	2648	11	24	1704															
01:50		#N/A	#N/A	2648	11	24	1704															
01:55		#N/A	#N/A	2648	11	24	1703															
02:00		#N/A	#N/A	2647	11	24	1702															
02:05		#N/A	#N/A	2647	11	24	1701															
02:10		#N/A	#N/A	2646	11	24	1701															
02:15		#N/A	#N/A	2645	11	24	1700															
02:20		#N/A	#N/A	2643	11	24	1698															
02:25		#N/A	#N/A	2642	11	24	1698															
02:30		#N/A	#N/A	2644	11	24	1697															
02:45		#N/A	#N/A	2645	11	24	1692															
02:55		#N/A	#N/A	2646	11	24	1689	Wireline on surface. Closed SSLV.														
03:00		#N/A	#N/A	2649	11	24	1689															
03:04		#N/A	#N/A	2648	11	24	34	Bled off Annulus to close PCT.														
03:05		#N/A	#N/A	1988	11	40	30	Opened Choke manifold to bleed off surface pressure.														
03:10		#N/A	#N/A	21	8	21	26	Commenced rigging down wireline equipment.														
03:15		#N/A	#N/A	21	9	21	26															
03:30		#N/A	#N/A	21	9	21	25	Laid down Enerjet guns. Guns failed to fire.														
04:00		#N/A	#N/A	21	10	21	25	Closed Swab valve.														
04:15		#N/A	#N/A	21	10	21	26	Closed Choke manifold.														
04:30		#N/A	#N/A	19	10	21	26															
05:00		#N/A	#N/A	18	10	21	24															
05:30		#N/A	#N/A	21	10	21	24															



Woodside Energy Limited Otway Basin / Thylacine-2 / DST #1	WELL TESTING DATA SHEET	MAIN DATA 21 2001-023
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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
21-Sep-01																						
06:00		#N/A	#N/A	21	10	21	23															
06:30		#N/A	#N/A	21	10	21	23															
07:00		#N/A	#N/A	21	11	21	23															
07:30		#N/A	#N/A	18	11	21	23															
08:00		#N/A	#N/A	18	11	21	24															
08:30		#N/A	#N/A	18	11	21	23															
09:00		#N/A	#N/A	18	12	21	23															
09:30		#N/A	#N/A	18	12	21	24															
10:00		#N/A	#N/A	18	12	21	24															
10:30		#N/A	#N/A	18	12	21	24															
11:00		#N/A	#N/A	18	12	22	24															
11:30		#N/A	#N/A	18	13	22	24															
12:00		#N/A	#N/A	18	13	22	24															
12:30		#N/A	#N/A	18	14	22	24															
13:00		#N/A	#N/A	15	16	22	24															
13:30		#N/A	#N/A	15	19	22	24															
14:00		#N/A	#N/A	15	21	22	24	Commenced preparing to run 2-1/8", 6 spf, 45 deg phased guns. (Re-run)														
14:30		#N/A	#N/A	15	21	22	24															
15:00		#N/A	#N/A	18	21	22	24															
15:30		#N/A	#N/A	18	21	22	24															
16:00		#N/A	#N/A	18	20	22	24	Commenced rigging up wireline lubricator.														
16:00		#N/A	#N/A	18	20	22	24															
16:30		#N/A	#N/A	18	19	21	24															
16:38		#N/A	#N/A	28	18	26	24	Opened swab valve.														
16:41		#N/A	#N/A	27	18	24	24	Commenced pressure testing wireline lubricator against SSLV, choke manifold, 4000 psi														



Woodside Energy Limited Otway Basin / Thylacine-2 / DST #1	WELL TESTING DATA SHEET	MAIN DATA 22 2001-023
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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
21-Sep-01																						
17:00		#N/A	#N/A	30	17	24	24															
17:30		#N/A	#N/A	4019	17	22	24															
17:40		#N/A	#N/A	3152	17	21	24	Tested good, bled off pressure.														
17:45		#N/A	#N/A	26	16	21	24	Held JHA meeting on the rig floor.														
17:50		#N/A	#N/A	30	16	21	24	Disconnected wireline lubricator to make up 2-1/8" Enerjet guns.														
18:00		#N/A	#N/A	32	16	21	24															
18:30								Commenced rigging up wireline lubricator with 2-1/8" Enerjet guns.														
19:00		#N/A	#N/A	32	14	21	24															
19:16		#N/A	#N/A	63	14	21	24	Pressured up tubing 2600 psi to equalize and open SSLV.														
19:18		#N/A	#N/A	2580	14	21	23	SSLV opened.														
19:20		#N/A	#N/A	2582	14	21	23															
19:22		#N/A	#N/A	2583	14	21	24	Pressured up Annulus 1600 psi to open PCT.														
19:25		#N/A	#N/A	2587	14	21	1578															
19:30		#N/A	#N/A	2580	14	21	1676															
19:35		#N/A	#N/A	2577	14	21	1648															
19:36								Commenced running in hole 2-1/8" Enerjet guns.														
19:40		#N/A	#N/A	2571	14	21	1639															
19:45		#N/A	#N/A	2562	14	21	1633															
19:50		#N/A	#N/A	2559	14	21	1627															
19:55		#N/A	#N/A	2554	14	21	1622															
20:00		#N/A	#N/A	2558	14	21	1618															
20:05		#N/A	#N/A	2563	14	21	1612															
20:10		#N/A	#N/A	2565	14	21	1609															
20:15		#N/A	#N/A	2568	13	21	1605															
20:20		#N/A	#N/A	2571	13	21	1601															



Woodside Energy Limited Otway Basin / Thylacine-2 / DST #1	WELL TESTING DATA SHEET	MAIN DATA 23 2001-023
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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
21-Sep-01																						
20:25		#N/A	#N/A	2574	13	21	1598															
20:30		#N/A	#N/A	2575	13	21	1595															
20:35		#N/A	#N/A	2576	13	21	1592															
20:40		#N/A	#N/A	2576	13	21	1589															
20:45		#N/A	#N/A	2577	13	21	1586	Started wireline depth correlation.														
20:50		#N/A	#N/A	2577	13	21	1583															
20:55		#N/A	#N/A	2580	13	21	1580															
21:00		#N/A	#N/A	2583	13	21	1577															
21:05		#N/A	#N/A	2587	13	21	1707															
21:10		#N/A	#N/A	2590	13	21	1709															
21:11		#N/A	#N/A	2595	13	21	1709	Enerjet perforated 2296m - 2302m RT														
21:15		#N/A	#N/A	2598	13	21	1707															
21:20		#N/A	#N/A	2601	13	21	1704															
21:21		#N/A	#N/A	2601	13	21	1703	Commenced pulling out of hole with Enerjet guns.														
21:25		#N/A	#N/A	2601	13	21	1701															
21:30		#N/A	#N/A	2604	13	21	1698															
21:35		#N/A	#N/A	2610	13	21	1698															
21:40		#N/A	#N/A	2619	13	21	1698															
21:45		#N/A	#N/A	2624	13	21	1698															
21:50		#N/A	#N/A	2630	13	21	1701															
21:55		#N/A	#N/A	2637	13	21	1701															
22:00		#N/A	#N/A	2645	13	21	1701															
22:05		#N/A	#N/A	2651	13	21	1701															
22:10		#N/A	#N/A	2656	13	21	1701															
22:15		#N/A	#N/A	2657	13	21	1701															



Woodside Energy Limited Otway Basin / Thylacine-2 / DST #1	WELL TESTING DATA SHEET	MAIN DATA 24 2001-023
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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
21-Sep-01																						
22:20		#N/A	#N/A	2657	13	21	1700	Wireline on surface.														
22:25		#N/A	#N/A	2657	13	21	1484	Bled off Annulus to close PCT.														
22:30		#N/A	#N/A	2652	13	21	32	Closed SSLV.														
22:32		#N/A	#N/A	2653	13	21	32	Opened Choke manifold to bleed off surface pressure.														
22:35		#N/A	#N/A	945	12	132	32															
22:40		#N/A	#N/A	21	10	21	29	Commenced rigging down wireline equipment.														
22:45		#N/A	#N/A	21	10	21	26															
23:00		#N/A	#N/A	18	11	21	26															
23:15		#N/A	#N/A	18	11	21	26	Laid down Enerjet guns. All Guns fired.														
23:16		#N/A	#N/A	19	11	21	26	Closed Swab valve and Choke manifold.														
23:30		#N/A	#N/A	18	11	21	26															
23:45		#N/A	#N/A	18	11	21	24															
00:00								Held JHA and continued rigging down wireline equipment.														
22-Sep-01																						
00:00		#N/A	#N/A	18	12	21	25															
00:15		#N/A	#N/A	18	12	21	24															
00:30		#N/A	#N/A	19	12	21	25															
00:45		#N/A	#N/A	18	12	23	23															
01:00		#N/A	#N/A	20	12	21	25															
01:15		#N/A	#N/A	18	12	21	23															
01:30								Held JHA meeting on rig floor prior to open well														
01:30		#N/A	#N/A	18	12	21	24															
01:45		#N/A	#N/A	19	12	21	23															
01:58		#N/A	#N/A	1214	13	24	24	Pressured up tubing 2600 psi to equalize and open SSLV.														
02:00		#N/A	#N/A	2598	13	23	24															



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
22-Sep-01																						
02:01								Pressured up Annulus 1600 psi to open PCT.														
02:01		#N/A	#N/A	2601	13	24	839															
02:02		#N/A	#N/A	2604	13	24	1556															
02:03		#N/A	#N/A	2604	13	24	1535															
02:04		#N/A	#N/A	2604	13	24	1524															
02:05	12							Opened well on 12/64" adjustable choke to flare.														
02:05	12	#N/A	#N/A	2599	13	24	1518															
02:06	16							Increased adjustable choke to 16/64".														
02:06	16	#N/A	#N/A	2589	13	24	1512															
02:07	16	#N/A	#N/A	2580	13	26	1509															
02:08	16	#N/A	#N/A	2583	14	27	1509															
02:09	16	#N/A	#N/A	2583	15	27	1510															
02:10	16	#N/A	#N/A	2589	15	36	1510															
02:11	16	#N/A	#N/A	2583	15	28	1510															
02:12	16	#N/A	#N/A	2575	15	24	1510															
02:13	16	#N/A	#N/A	2568	15	24	1510															
02:14	16	#N/A	#N/A	2561	15	24	1506															
02:15	16	#N/A	#N/A	2554	15	24	1506															
02:16	16	#N/A	#N/A	2549	15	24	1506															
02:17	20							Increased adjustable choke to 20/64".														
02:17	20	#N/A	#N/A	2510	15	95	1505															
02:18	20	#N/A	#N/A	2457	15	129	1504															
02:19	20	#N/A	#N/A	2418	15	115	1507															
02:20	20	#N/A	#N/A	2392	14	97	1510															
02:21	24							Increased adjustable choke to 24/64".														



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
22-Sep-01																						
02:21	24	#N/A	#N/A	2304	14	206	1515															
02:22	24	#N/A	#N/A	2226	14	256	1523															
02:23	28							Increased adjustable choke to 28/64".														
02:23	28	#N/A	#N/A	2123	13	328	1534															
02:24	28	#N/A	#N/A	2060	13	279	1552															
02:25	28	#N/A	#N/A	2002	13	260	1575															
02:26	28	#N/A	#N/A	1969	13	226	1603															
02:27	28	#N/A	#N/A	1952	14	205	1634															
02:28	28	#N/A	#N/A	1952	14	169	1667															
02:29	28	#N/A	#N/A	1955	14	185	1699															
02:30	28	#N/A	#N/A	1955	14	163	1729															
02:31	32							Increased adjustable choke to 32/64".														
02:31	32	#N/A	#N/A	1978	14	225	1758															
02:32	32							Water used for pressure test on surface.														
02:32	32	#N/A	#N/A	1918	14	363	1783															
02:33	32	#N/A	#N/A	2256	17	221	1805															
02:34	32	#N/A	#N/A	2396	19	275	1589															
02:35	32	#N/A	#N/A	2503	20	264	1380															
02:36	32	#N/A	#N/A	2586	21	210	1393															
02:37	32	#N/A	#N/A	2641	21	252	1402															
02:38	32	#N/A	#N/A	2656	21	275	1409															
02:39	32	#N/A	#N/A	2663	20	287	1415															
02:40	32	#N/A	#N/A	2692	20	241	1421															
02:41	28							Decreased adjustable choke to 28/64".														
02:41	28	#N/A	#N/A	2695	19	238	1426															



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpc	bbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
22-Sep-01																						
02:42	28	#N/A	#N/A	2736	19	113	1430															
02:43	28	#N/A	#N/A	2754	19	82	1433															
02:44	28	#N/A	#N/A	2723	19	150	1433															
02:45	28	#N/A	#N/A	2709	18	156	1436															
02:46	40							Increased adjustable choke gradually to 40/64".														
02:46	40	#N/A	#N/A	2661	17	245	1439															
02:47	40	#N/A	#N/A	2714	17	137	1445															
02:48	40	#N/A	#N/A	2722	17	136	1447															
02:49	40	#N/A	#N/A	2717	17	147	1450															
02:50	40	#N/A	#N/A	2728	16	131	1453															
02:51	40	#N/A	#N/A	2739	16	115	1456															
02:52	40							Liquid slug on surface. CO2 = 9%, H2S = 0 ppm														
02:52	40	#N/A	#N/A	2718	16	131	1460															
02:53	40	#N/A	#N/A	2665	16	233	1460															
02:54	40	#N/A	#N/A	2679	16	212	1465															
02:55	44							Increased adjustable choke gradually to 44/64".														
02:55	44	#N/A	#N/A	2576	15	403	1472															
02:56	44	#N/A	#N/A	2521	15	435	1482															
02:57	44	#N/A	#N/A	2327	15	575	1493															
02:58	44	#N/A	#N/A	2560	17	277	1515															
02:59	44	#N/A	#N/A	2619	17	273	1533															
03:00	48	#N/A	#N/A	2589	18	319	1546	Increased adjustable choke gradually to 48/64".														
03:01	48	#N/A	#N/A	2376	17	571	1557															
03:02	48	#N/A	#N/A	2460	17	417	1571															
03:03	48	#N/A	#N/A	2540	18	361	1589															



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
22-Sep-01																						
03:04	48	#N/A	#N/A	2351	18	717	1602															
03:05	48	#N/A	#N/A	2220	17	681	1615															
03:10	48	#N/A	#N/A	2056	20	934	1725															
03:11	44	#N/A	#N/A	2153	20	782	1749	Decreased adjustable choke to 44/64".														
03:15	44	#N/A	#N/A	2223	21	782	1553															
03:16	44	#N/A	#N/A	2229	21	796	1573	Diverted flow through Separator														
03:20	44	#N/A	#N/A	1972	20	1124	1645															
03:21	48	#N/A	#N/A	1836	19	1064	1661	Switched flow to 48/64" fixed choke.														
03:25	48	#N/A	#N/A	1784	21	977	1745															
03:30	48	#N/A	#N/A	1790	22	1055	1475															
03:35	48	#N/A	#N/A	1796	22	1064	1576															
03:40	48							Wellhead BSW = 25%, CO2 = 8.5%, H2S = 2 ppm														
03:40	48	#N/A	#N/A	1802	22	1045	1670															
03:45	48	#N/A	#N/A	1808	23	995	1746															
03:50	48	#N/A	#N/A	1820	23	982	1566															
03:55	48	#N/A	#N/A	1854	23	1176	1648	377	16	12					43.85	0.700	8.5	2		22.64		
04:00	48	#N/A	#N/A	1914	24	1296	1724	376	16	12					43.85	0.700	8.5	2		21.96		
04:05	48							Opened Steam exchanger by-pass.														
04:05	48	#N/A	#N/A	1811	23	951	1488	386	12	12					43.85	0.700	8.5	2		23.51		6
04:10	48	#N/A	#N/A	1805	24	1064	1563	380	10	12					43.85	0.700	8.5	2		23.05		
04:15	48							Wellhead BSW = 27%, CO2 = 8.0%, H2S = 1 ppm, Condensate SG = 43.8 API														
04:15	48	#N/A	#N/A	1855	25	1102	1633	382	12	12					43.85	0.700	8.0	1		22.73		7
04:20	48	#N/A	#N/A	1833	25	1097	1698	378	12	12					43.85	0.700	8.0	1		22.68		
04:25	48	#N/A	#N/A	1857	25	1086	1510	380	13	12					43.85	0.700	8.0	1		22.46		13
04:30	48	#N/A	#N/A	1828	25	1046	1573	386	14	12					43.85	0.700	8.0	1		23.33		7

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Time	Flowing Condition										Fluid Properties								Production Rate			Yield		
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Grav. y	Gas Grav. y	CO2	H2S	Oil	Gas	Water	CGR		
		BHP	BHT	WHP	WHT	Down	Casing	Sep. Press	Gas Temp	Cond. Temp														
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbl/MM		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
22-Sep-01																								
04:35	48	#N/A	#N/A	1849	25	1078	1632	381	15	12					43.85	0.700	8.0	1		22.67				
04:40	48	#N/A	#N/A	1858	26	1148	1687	380	15	12					43.85	0.700	8.0	1		22.60				
04:45	48							Closed Steam exchange inlet. BSW = 28%, CO2 = 9%, H2S = 4 ppm																
04:45	48	#N/A	#N/A	1863	26	1148	1741	378	16	12					43.85	0.700	8.0	4		22.42		2		
04:50	48	#N/A	#N/A	1861	26	1204	1510	378	16	13					43.85	0.700	9.0	4		22.40				
04:55	48							Started Methnol injection upstream of Choke manifold.																
04:55	48	#N/A	#N/A	1864	26	1334	1562	380	17	13					43.85	0.700	9.0	4		22.46				
05:00	48							Opened Steam exchanger inlet, by-pass remained opened.																
05:00	48	#N/A	#N/A	1821	26	1160	1610	383	-2	13					43.85	0.696	9.0	4		23.05				
05:05	48	#N/A	#N/A	1793	26	884	1656	389	-2	12					43.85	0.696	9.0	4		23.91		3		
05:10	48	#N/A	#N/A	1790	27	868	1701	390	15	12					43.85	0.696	9.0	4		23.33				
05:15	48							CO2 = 7%, H2S = 2 ppm, started SSTT Methnol injection.																
05:15	48	#N/A	#N/A	1787	27	861	1745	390	20	12					43.85	0.696	7.0	2		23.22				
05:30	48	#N/A	#N/A	1784	28	796	1613	384	23	14					43.85	0.696	7.0	2		23.21				
05:40	48	#N/A	#N/A	1787	28	889	1687	Stopped all Methnol injection.																
05:45	48	#N/A	#N/A	1781	28	972	1723	383	23	14					43.85	0.696	7.0	2		23.14		4		
05:50	48	#N/A	#N/A	1784	28	1069	1757	Resumed Methnol injection upstream of Choke manifold.																
06:00	48							Wellhead BSW = 25%																
06:00	48	#N/A	#N/A	1773	29	1064	1546	384	23	14						0.696	7.0	2		23.16		6		
06:15	48	#N/A	#N/A	1763	29	1034	1637	398	3	14						0.696	7.0	2		23.35				
06:27	48	#N/A	#N/A	1760	29	980	1703	Stopped all Methnol injection.																
06:30	48	#N/A	#N/A	1783	30	1211	1719	Resumed Methnol injection upstream of Choke manifold with higher rate.																
06:30	48							Wellhead BSW = 30%																
06:30	48	#N/A	#N/A	1783	30	1211	1719	385	-1	13						0.696	9.0	4		22.65		1		
06:44	48	#N/A	#N/A	1746	30	702	1507	Closed Steam exchange by pass.																



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bbbl/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
22-Sep-01																						
06:45	48	#N/A	#N/A	1745	30	806	1512	388	2	11						0.696	9.0	4		25.75		
06:54	48	#N/A	#N/A	1746	30	922	1556	Opened Steam exchanger by-pass and closed inlet valve.														
07:00	48							BSW = 26%														
07:00	48	#N/A	#N/A	1746	30	568	1581	381	17	11						0.696	10.0	5		23.21		1
07:01	48	#N/A	#N/A	1746	30	692	1586	Opened Steam exchanger inlet and closed by-pass.														
07:04	48	#N/A	#N/A	1908	31	1579	1601	Set Steam exchanger adjustable choke to 48/64".														
07:07	48	#N/A	#N/A	1651	29	1631	1610	Fully opened choke manifold, well flowing through Steam exchanger choke.														
07:10	48	#N/A	#N/A	1569	30	1545	1618	Stopped Methnol injection.														
07:15	48	#N/A	#N/A	1617	31	1581	1639	380	30	13						0.696	10.0	5		23.56		
07:17	42	#N/A	#N/A	1735	31	1716	1648	Decreased Steam exchanger adjustable choke to 42/64".														
07:30								Wellhead BSW = 26%														
07:30	42	#N/A	#N/A	1737	31	1719	1697	389	30	17						0.696	10.0	5		23.24		7
07:45	42	#N/A	#N/A	1740	32	1722	1559	390	30	16						0.698	10.0	5		23.22		
08:00	42	#N/A	#N/A	1740	32	1722	1610	389	31	16						0.698	10.0	5		23.17		
08:15	42	#N/A	#N/A	1740	33	1723	1651	390	30	15						0.698	10.0	5		23.13		2
08:20		#N/A	#N/A	1740	33	1722	1666	Wellhead BSW = 20%														
08:30	42	#N/A	#N/A	1740	33	1722	1692	386	30	19						0.698	9.0	5		23.16		
08:45	42	#N/A	#N/A	1740	33	1722	1530	386	31	17						0.698	9.0	5		23.13		
09:00								Wellhead BSW = 24%														
09:00	42	#N/A	#N/A	1737	33	1722	1566	384	31	18						0.698	7.5	0		23.04		9
09:15	42	#N/A	#N/A	1740	34	1722	1598	384	31	17						0.698	7.5	0		23.04		
09:30	42	#N/A	#N/A	1737	34	1719	1630	384	31	18						0.698	7.0	0	42	23.08		2
09:45	42	#N/A	#N/A	1737	34	1719	1657	384	31	19						0.698	7.0	0		23.03		
10:00	42	#N/A	#N/A	1737	34	1719	1683	384	31	18						0.698	7.0	0	34	23.06		1
10:15	42	#N/A	#N/A	1737	34	1719	1707	384	31	20						0.698	7.0	0		23.05		



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Time	Flowing Condition										Fluid Properties								Production Rate			Yield
	Choke Size	Bottom Hole		Wellhead				Separator			BSW	pH	Iodide	Chloride	Cond. Gravity	Gas Gravity	CO2	H2S	Oil	Gas	Water	CGR
		BHP Press	BHT Temp	WHP Press	WHT Temp	Down Press	Casing Press	Sep. Press	Gas Temp	Cond. Temp												
hr:min	64 ths	psiA	degC	psiA	degC	psiA	psiA	psiA	degC	degC	%		mg/l	mg/l	API60	air=1	%	ppm	stbd	MMscfd	bwpd	bb/MM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
22-Sep-01																						
10:30	42	#N/A	#N/A	1737	34	1719	1522	384	32	20						0.698	9.0	0	127	23.01		6
10:45	42	#N/A	#N/A	1737	35	1721	1545	384	32	20						0.698	9.0	0		23.02		
11:00								Wellhead BSW = 22%														
11:00	42	#N/A	#N/A	1740	35	1722	1568	384	33	21						0.699	8.5	0	51	22.99		2
11:15	42	#N/A	#N/A	1737	35	1719	1586	384	32	22						0.699	8.5	0		23.02		
11:30	42	#N/A	#N/A	1737	35	1722	1604	384	32	21						0.699	8.5	0	93	23.01		4
11:31	42	#N/A	#N/A	1717	35	1626	1607	Lift up 3.25" orifice plate.														
11:34	64	#N/A	#N/A	1211	33	820	1598	Diverted flow through 64/64" fixed choke.														
11:41	64	#N/A	#N/A	1203	34	807	1595	Installed 4.00" orifice plate.														
11:45	64	#N/A	#N/A	1200	34	803	1594	398	30	20						0.699	8.5	0		25.86		
11:46	64	#N/A	#N/A	1200	34	800	1592	Lift up 4.00" orifice plate.														
11:47	64	#N/A	#N/A	1188	34	609	1593	By-passed Steam exchanger.														
11:48	96	#N/A	#N/A	1217	34	592	1592	Diverted flow through 64/64" adjustable choke and gradually increase 96/64" fixed choke.														
11:52	96	#N/A	#N/A	743	30	641	1583	Installed 4.00" orifice plate.														
11:55	96	#N/A	#N/A	740	30	637	1574	419	26	19						0.699	8.5	0		27.83		
12:00								Wellhead BSW = 21%														
12:00	96	#N/A	#N/A	737	29	634	1566	418	25	19						0.699	8.5	0		27.79		
12:05	96	#N/A	#N/A	735	29	629	1557	410	24	19						0.699	8.5	0		27.78		
12:10	96	#N/A	#N/A	729	30	622	1548	398	23	19						0.699	8.5	0		28.06		
12:15	96	#N/A	#N/A	725	29	622	1541	395	22	18						0.699	8.5	0		28.03		
12:20	96	#N/A	#N/A	729	29	625	1533	404	22	18						0.699	8.5	0		27.76		
12:25	96	#N/A	#N/A	734	29	631	1529	412	22	18						0.699	8.5	0		27.38		
12:28								Lift up 4.00" orifice plate.														
12:30	96	#N/A	#N/A	732	29	630	1525	417	22	17						0.699	8.5	0		27.61		
12:31								Bled off Annulus to close PCT.														



Well Test Data Sheet



Well Test Data Sheet



Well Test Data Sheet



Well Test Data Sheet



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