



NATIONAL ENERGY BOARD
Exploration and Production

MAR 30 2012

N E B COPY

Well Operations Report

A-73 6020 117 30/02

WID: 1747

Cameron Hills, Winter 2012

Prepared by: Lisa Moffat
403-290-3662

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Daily Activity and Cost Summary

Well Name: PARA ET AL CAMERON A-73/2

API/UW 300/A-73/6020-11730/02	Surface Legal Location	License # 0002039	Field Name Cameron Hills	State/Province NT		
Well Configuration Type	Original KB Elevation (m) 679.60	KB-Ground Distance (m) 4.00	KB-Casing Flange Distance (m)	KB-Tubing Head Distance (m)		
Job Category Completion		Primary Job Type Recompletion	Secondary Job Type Acid stimulation			
Start Date 2/17/2012		End Date 3/4/2012	Total AFE Amount (Cost) 490,426.00			
Objective Perforate additional Sulphur point intervals. Stimulate with acid and evaluate inflow. Reconfigure production string or suspend pending results.						
Summary						
Contractor Nabors		Rig Number 414	Rig Type			
Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)		
1.0	2/17/2012	2/17/2012	6,543	6,543 HSE Report. No incidents or accidents reported. RIH gauge ring locating tubing profiles. RIH 48.24mm gauge ring tagging Bp @ 1380.5 mKB.		
2.0	2/21/2012	2/21/2012	45,634	52,177 HSE Report. No incidents or accidents reported. Continued to rig out on K-74 location. Loaded equipment and moved to A-73. Rigged in boiler complete. Spotted rig and raised/ centered over well. Rigged in test equipment. Spotted pump and tank and ran pump lines to well head. Moved in and unloaded 30m3 water for kill fluid.		
3.0	2/22/2012	2/22/2012	27,593	79,769 HSE Report. No incidents or accidents reported. Completed rigging in equipment. Killed well and removed 3k flowing well head. Installed and pressure tested Class III BoP's to low 1.4, high of 14 MPa. Good test. Released packer & lay down 2x 73mm jts & 3 pups. NOTE: well head in poor condition. Lag screws, well head bolts, valves etc seized and need to be addressed.		
4.0	2/23/2012	2/23/2012	26,658	106,427 HSE Report. No incidents or accidents reported. POOH with 139.7mm Cardium "DGP". RIH 4 3/4 bit & 139.7mm casing scraper tagging Bp @ 1380.82 mKB (tubing tally). POOH to derrick 80 jts 73mm tubing.		
5.0	2/24/2012	2/24/2012	74,337	180,763 HSE Report. No incidents or accidents reported. POOH with bit and scraper. RIH as follows: Bullnose, Perforating gun with spaced intervals for 1378-1379.5, 1372.5-1375.5, 1367-1368 mKB. Top sub & firing head, 1jt 73mm tubing, debris sub, 1jt 73mm tubing, 2.31" R profile, 2.62m pup jt. 141 jts tubing, 2pups & nipple totaling 5.69 meters. Top shot 1367 Mkb. Bottom shot @ 1379.5 mKB. Corellated to Computalog CG/ND/CCL/CBL dated March 29, 1990. Replaced worn well head valves. Serviced where possible. Repacked and serviced TH lag screws as well		
6.0	2/25/2012	2/25/2012	26,045	206,808 HSE Report. No incidents or accidents reported. Removed Class III Bop's and installed 3K flowing well head (valves replaced) Perforated Sulphur point intervals 1378-1379.5, 1372.5 - 1375.5 & 1367 - 1368 mKB. No immediate pressure response. Well head pressure @ 8 kPa both sides 30 Minuts after perforating. Remove well head and install and pressure test Bop's. Pull and stand 80 jts 73mm tubing.		
7.0	2/26/2012	2/26/2012	64,655	271,463 HSE Report. No incidents or accidents reported. Reviewed monthly safety meeting. Pulled and stood remaining tubular's. Lay out TCP carriers (All shots fired) RIH as follows: 60.3mm mule shoe re-entry guide, 0.38m "XN" profile with 45.49mm no/go, 3.04m x 60.3mm pup. XO to 73mm, 2.04m 10k DGP, 0.58m ON/OFF - 47.63mm X profile in slick Jt, 3.07 m x 73.0mm pup, 0.29m 2.25 VR profile, 141 jts (1338.7m) 73.0mm Tb, 3 pups totaling 4.04m, 1 jtx 73.0mm Tb. Spaced out to land tubing end @ 1365.64 mKB. Set packer in 4 dAn compression. Pressure tested to 10 MPa. Removed Bop's and installed well head. Slickline located profiles and tagged BP @ +/- 1380 mKB. Fluid level @ 940 meters.		
8.0	2/27/2012	2/27/2012	30,711	302,174 HSE Report. No accidents or incidents reported. Conducted general rig maintenance while awaiting orders. Crew changed out at mid day. Pulled 7 swabs recovering 4.65 m3 water, PH=7, Trace burnable, salinity = 22,000. Fluid level remaining consistent at +/- 1,000 meters. LTR = 45.35m3		
9.0	2/28/2012	2/28/2012	25,410	327,584 HSE Report. No incidents or accidents reported. Pulled 23 swabs recovering 9.32 m3 water, PH = 7, salinity = 22,000. H2s = 0.1%. Trace burnable during swabbing. No sustainable flow. Load fluid left to recover = 34.49 m3		



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Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
10.0	2/29/2012	2/29/2012	41,106	368,690	HSE Report. No incidents or accidents reported. SITP @ 2300 kPa. Bleed off to flare. Cumm gas flared during bleed off = 1.002 e3m3. Max gas rate during bleed off @ 16.450 e3m3, H2S recorded @ 0.4 %. NO fluid recovered during bleed off. Rigged in and pulled 20 swabs today. Fluid level fairly constant @ ~ 1200 meters. Recovered 5.93 m3 water. NO sustainable flow. 0.4% h2S, salinity 22,000, PH = 7. Total load fluid left to recover = 30.1 m3. Cumm gas flared to date = 6.386 e3m3.
11.0	3/1/2012	3/1/2012	50,069	418,759	HSE Report. No incidents or accidents reported. Performed 6.75m3 15% HCL, 4.0m3 diverted gel acid squeeze on Sulphur point intervals. Average treating pressure of 2.5 MPa @ 260 lt/min. Max pressure observed @ 7.7 MPa during stage 4 of diverter reaching formation. Total of 20.75m3 new load added to formation during process. Pulled 10 swabs recovering 6.8m3 water. Fluid level fairly constant ~ 1200 meters. Trace burnable. No sustainable flow. PH = 6, salinity = 96,000 ppm, H2s recorded @ 0.2%. LFLTR = 50.85m3
12.0	3/2/2012	3/2/2012	26,444	445,203	HSE Report. During routine swabbing of well the sandline became entangled around the lubricator saver head as a result of speed while running in hole. The line was clamped off and the tangle removed safely. Procedure was reviewed and reiterated with all personnel to prevent a reoccurrence. Bleed off well to flare. Rigged in to swab. Tagged fluid initilay @ 1050 meters. Pulled a total of 32 swabs recovering 10.25 m3 water. Fluid level~ 1150- 1200 meters. PH= 6, salinity = 60,000 ppm, H2s = 0.6 %, Load fluid left to recover = 33.79 m3. NO Sustainable flow. Cumm gas flared to date = 13.525 e3m3.
13.0	3/3/2012	3/3/2012	219,031	664,234	HSE Report. No incidents or accidents reported. Bleed well off to testers recovering 0.1m3 water. Pulled 1 swab recovering 0.51m3. FL @ +/- 1150 meters, PH= 5, salinity = 62,000 ppm, cumm gas flared 14.66 e3m3, h2s = 1%. Total LFLTR = 36.98 m3. Ran 47.63 Otis PX plug and set in slick joint X profile @ 1359.34 mKB. Pressure tested plug to 14 MPa. Rig out pump and tank, hauled all fluid off location, lay over and rig out service rig.
14.0	3/4/2012	3/4/2012	0	664,234	HSE Report. While backing up a Big Eagle tank truck. Tank truck came in contact with a pickup resulting in a cracked taillight and small dent. There was a spotter used during the procedure but a failure to recognise the distances resulted in the impact. Investigation ongoing concerning this incident due to conflicting statements. Procedure was reviewed during the morning safety meeting as well. Rigged out remaining equipment and moved off location. Cleaned lease and area of debris.



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Daily Fluids

Paramount
resources ltd.

Well Name: PARA ET AL CAMERON A-73/2

API/JW 300/A-73/6020-11730/02	Surface Legal Location	Well Configuration Type	Ground Elevation (m) 675.60	KB-Casing Flange Distance (m)	KB-Tubing Head Distance (m)	Total Depth (mKB) 1,585.00
Report Number 14.0	Report Start Date 3/4/2012 07:30	Report End Date 3/4/2012 12:00	Daily Field Est Total (Cost) 0	Cum Field Est To Date (Cost) 648,654		

Lease Fluids

Fluid	To Lease (m ³)	Source	From Lease (m ³)	Dest	Dens (kg/m ³)	BS&W (%)	Ref #	Carrier	Note

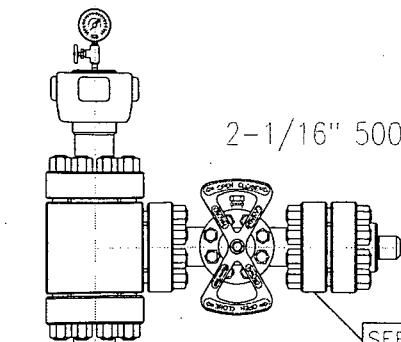
Well Fluids

Fluid	To (m ³)	From (m ³)	Dens (kg/m ³)	BS&W (%)	Non-recov. (m ³)	Zone	Note

Report Fluids Summary

Fluid	Cum to Lease (m ³)	Cum fm lease (m ³)	Lease Bal (m ³)	Cum to Well (m ³)	Cum from Well (m ³)	Left to recover (m ³)	Cum Non-recov (m ³)
Acid	6.75	0.00	0.00	6.75	0.00	0.00	6.75
Fresh Water	82.00	45.00	0.02	74.45	37.47	36.98	

VALVES CHANGED ON LOCATION
AS PER SALES ORDER# 154316



2-1/16" 5000#

SEE LINE #5 ON SO# 154316

SEE LINE #4 ON SO# 154316

SEE LINE #4 ON SO# 154316

2 9/16" 5000#

7 1/16" 3000#

2 1/16" 5000#

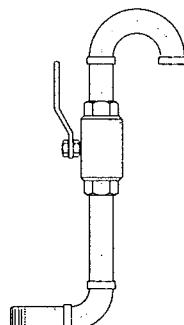
SEE LINE #5 ON SO# 154316

11" 3000#

9 5/8" CASING

5 1/2" CASING

2 7/8" TUBING



PARAMOUNT RESOURCES
A-73 CAMERON HILL
SALES ORDER# 0000154316

DWN.	PB	03/22/12
CHK.		
APPR.		
	BY:	DATE



EDMONTON, AB.
CANADA

DRAWING No.
CR-1721D



STREAM-FLO INDUSTRIES LTD.

RL

INVOICE

4505 - 74 Avenue
 Edmonton Alberta CAN T6B 2H5
 Telephone: (780) 468-6789
 Fax: (780) 469-7724
 G.S.T. #: R105044390
 Vendor Number:

DATE	INVOICE NO.	PAGE
2/27/2012	0000158659	1

Sold To

PARAMOUNT RESOURCES LTD
 4700-888-3 STREET S.W.
 CALGARY, AB T2P 5C5 CAN

1675

Ship To

PARAMOUNT RESOURCES LTD
 4700-888-3 STREET S.W.
 CALGARY, AB T2P 5C5 CAN

1675

RECEIVED

MAR 01 2012

ALREADY IN SYSTEM

Contact: Lisa
 (403)290-3600

Paramount Resources

Rainbow hake

Originator	Shipping Charges	Customer Order No.	Date Ordered	Quote No.
Nancy Tower	COLLECT		2/23/2012	
Ship Via	Bill of Lading No.	Well Name	Well Location	Order No.
SERVICEMAN	0000152837	A73		0000154316
Line Ordered	Part Number	Description	Shipped	Unit Price
1	12 S-L7M-118X8	STUD 1-1/8 8UN X 8 LONG ASTM A320 L7M LOW TEMPERATURE/SOUR SERVICE	12	12.33
2	24 N-2HM-118	NUT 1-1/8 8UN ASTM A194 2HM SOUR SERVICE	24	2.88
3	1 RG-R45SS	RING GASKET R-45 316 STAINLESS STEEL	1	96.30
4	2 250G-52SB50-T37-2	STREAM-FLO CROWN GATE VALVE MODEL A 2-9/16 API 5000 FLANGED ENDS T-37 TRIM API 6A LDD-NL PSL-2 PR2 00198369	2	4,471.20
5	2 2G-52SB50-T37	STREAM-FLO CROWN GATE VALVE MODEL A 2-1/16 API 5000 FLANGED ENDS T-37 TRIM API 6A LDD-NL PSL-1 PR2 00199660	2	3,281.40
6	3 RG-R27SS	RING GASKET R-27 316 STAINLESS STEEL	3	57.60
7	4 RG-R24SS	RING GASKET R-24 316 STAINLESS STEEL	4	46.80



STREAM-FLO INDUSTRIES LTD.

RL

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 Edmonton Alberta CAN T6B 2H5
 Telephone: (780) 468-6789
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DATE	INVOICE NO.	PAGE
2/27/2012	0000158659	2

Sold To
 PARAMOUNT RESOURCES LTD 1675
 4700-888-3 STREET S.W.
 CALGARY, AB T2P 5C5 CAN

Ship To
 PARAMOUNT RESOURCES LTD 1675
 4700-888-3 STREET S.W.
 CALGARY, AB T2P 5C5 CAN

Contact: Lisa
 (403)290-3600

Originator	Shipping Charges	Customer Order No.	Date Ordered	Quote No.
Nancy Tower	COLLECT		2/23/2012	
Ship Via	Bill of Lading No.	Well Name	Well Location	Order No.
SERVICEMAN	0000152837	A73		0000154316
Line Ordered	Part Number	Description	Shipped	Unit Price
8	S-L7M-1X7	STUD 1 8UNC X 7 LONG ASTM A320 L7M LOW TEMPERATURE/SOUR SERVICE	8	8.55
9	16 N-2HM-1	NUT 1 8UNC ASTM A194 2HM SOUR SERVICE	16	1.98
16	S-L7M-78X6	STUD 7/8 9UNC X 6 LONG ASTM A320 L7M LOW TEMPERATURE/SOUR SERVICE	16	5.94
11	32 N-2HM-78	NUT 7/8"-9UNC ASTM A194 2HM SOUR SERVICE	32	1.71
12	1 FREIGHT ALLOWANCE	FREIGHT ALLOWANCE	1	600.00
		THANK YOU...		

TERMS: NET 30 DAYS. A SERVICE CHARGE OF 1.5% (18% PER ANNUM) CHARGED ON OVERDUE ACCOUNTS.
 NO PRODUCT MAY BE RETURNED FOR CREDIT WITHOUT THE WRITTEN CONSENT OF AN AUTHORIZED SFI
 EMPLOYEE. ALL STANDARD NEW AND REMANUFACTURED GOODS RETURNED MAY BE SUBJECT TO A 15%
 RESTOCKING CHARGE. SPECIALTY EQUIPMENT (CONSIDERED TO BE A NON-STOCKING ITEM) MAY BE SUBJECT
 TO A 100% RESTOCKING CHARGE. PRODUCTS PURCHASED FROM OTHER O.E.M.'S ARE SUBJECT TO THEIR
 ACTUAL RESTOCKING CHARGE. EQUIPMENT RETURNED FOR CREDIT THAT REQUIRES DISASSEMBLY MAY BE
 SUBJECT TO A TEAR DOWN CHARGE. EXPENDABLE ITEMS SUCH AS RING GASKETS, NIPPLES AND BOLTINGS
 USED IN ASSEMBLY ARE NON-RETURNABLE. CREDIT WILL NOT BE ISSUED ON ASSEMBLY, TEST AND PAINT
 CHARGES OR SHIPPING CHARGES.

Subtotal 17,028.42
 G.S.T. 851.42
 P.S.T.
 H.S.T.

Balance CAD 17,879.84



Paramount
resources ltd.

Schematic - Current

Well Name: PARA ET AL CAMERON A-73/2

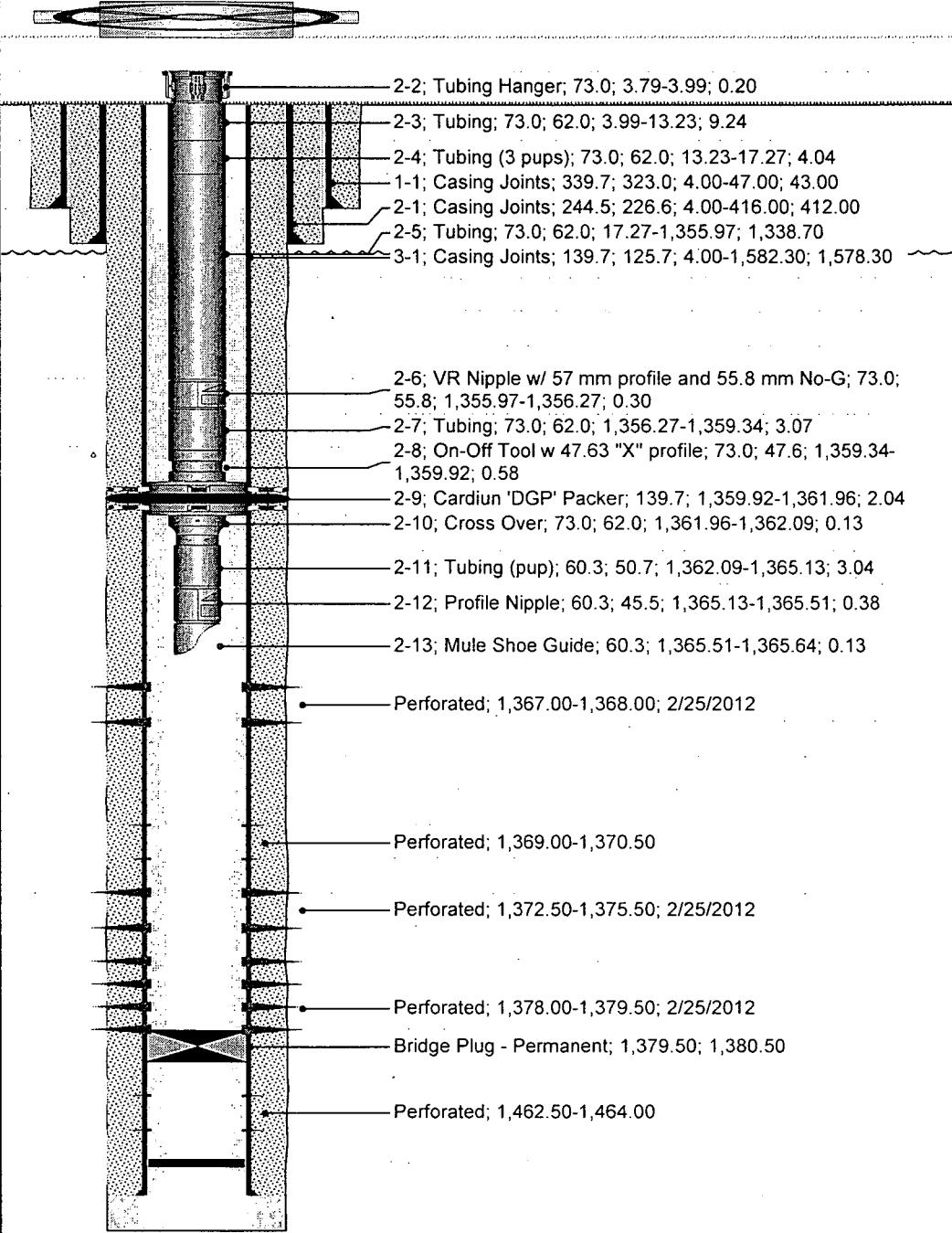
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Most Recent Job

Job Category Completion	Primary Job Type Recompletion	Secondary Job Type Acid stimulation	Start Date 2/17/2012	End Date 3/4/2012
----------------------------	----------------------------------	----------------------------------------	-------------------------	----------------------

TD: 1,585.00

Original Hole, 3/21/2012 4:10:11 PM

MD (mKB)	TVD (mKB)	Incl (°)	DLS	Vertical schematic (actual)
-1.8			DLS (°... * — *)	
0.0				2-2; Tubing Hanger; 73.0; 3.79-3.99; 0.20
3.8				2-3; Tubing; 73.0; 62.0; 3.99-13.23; 9.24
4.0				2-4; Tubing (3 pups); 73.0; 62.0; 13.23-17.27; 4.04
13.2				1-1; Casing Joints; 339.7; 323.0; 4.00-47.00; 43.00
17.3				2-1; Casing Joints; 244.5; 226.6; 4.00-416.00; 412.00
47.0				2-5; Tubing; 73.0; 62.0; 17.27-1,355.97; 1,338.70
416.0				3-1; Casing Joints; 139.7; 125.7; 4.00-1,582.30; 1,578.30
1,337.4				2-6; VR Nipple w/ 57 mm profile and 55.8 mm No-G; 73.0; 55.8; 1,355.97-1,356.27; 0.30
1,338.0				2-7; Tubing; 73.0; 62.0; 1,356.27-1,359.34; 3.07
1,339.4				2-8; On-Off Tool w/ 47.63 "X" profile; 73.0; 47.6; 1,359.34-1,359.92; 0.58
1,356.0				2-9; Cardium 'DGP' Packer; 139.7; 1,359.92-1,361.96; 2.04
1,356.3				2-10; Cross Over; 73.0; 62.0; 1,361.96-1,362.09; 0.13
1,359.3				2-11; Tubing (pup); 60.3; 50.7; 1,362.09-1,365.13; 3.04
1,359.9				2-12; Profile Nipple; 60.3; 45.5; 1,365.13-1,365.51; 0.38
1,362.0				2-13; Mule Shoe Guide; 60.3; 1,365.51-1,365.64; 0.13
1,362.1				Perforated; 1,367.00-1,368.00; 2/25/2012
1,365.1				Perforated; 1,369.00-1,370.50
1,365.5				Perforated; 1,372.50-1,375.50; 2/25/2012
1,365.6				Perforated; 1,378.00-1,379.50; 2/25/2012
1,367.0				Bridge Plug - Permanent; 1,379.50; 1,380.50
1,368.0				Perforated; 1,462.50-1,464.00
1,368.2				
1,368.5				
1,369.0				
1,370.5				
1,372.5				
1,375.5				
1,378.0				
1,378.2				
1,379.5				
1,380.5				
1,462.5				
1,464.0				
1,556.1				
1,582.3				
1,585.0				

ACID TREATMENT REPORT

Field Measurements

Company: Paramount Resources
 Well / Lease Name: Paramount et al Cameron A-73
 Unique Well ID: 0
 Test Type: Workover

Job Number: FSJ12-049
 Formation:
 Field: Cameron Hills
 Pool:

	Date	Time	Wellhead				Gas Measured Rate Meter					Oil Produced Volume Meter							
			Choke Size	Tubing Press	Tubing Temp	Casing Press	Static Press	Meter Temp	Measured Rate	Gas Rate	Cum Gas	Volume	Cum Fluid	BS&W Cut	Cum BS&W	Cum	Oil Gain	Cum Oil	PH
	(YYYY/MM/DD)	(H:mm:ss)	mm	kPa(g)	°C	kPa(g)	kPa(g)	°C	10 ³ m ³ /d	10 ³ m ³ /d	10 ³ m ³	m ³	m ³	%	m ³	m ³	m ³	ppm	
1	2012/02/21	07:30:00	Attend safety meeting at K-74.																
2		08:00:00	Mobilize equipment from K-74 to A-73.																
3		14:00:00	Spot and rig in test equipment.																
4		19:00:00	Secure equipment for the night.																
5		19:15:00	End of days operations.																
6	2012/02/22	07:30:00	Arrive on location attend safety meeting.																
7		08:00:00		1675		1040													
8		08:15:00	Perform bubble test on surface casing.																
9		08:20:00	Zero flow noted on surface casing.																
10		08:30:00	H ₂ S = 1.0 %																
11		10:05:00		1675		1040	0		0.000			0.000	0.000	0	0.00	0.00	0.00	0.00	
12		10:05:00	Open tubing to flow on a 48/64 (19.050 mm) bean choke.																
13		10:10:00		320	4	1040	72	-2	48.182	48.315	0.168								
14		10:12:00	H ₂ S present in back of p-tank shut it well to fix leak.																
15		10:30:00	Leak detected and repaired.																
16		10:35:00		1220		1040	0	0	0.000	0.000	0.168	0.000	0.000		0.00	0.00	0.00		
17		10:40:00	Open well to flow on a 48/64 (19.05 mm) bean choke.																
18		10:45:00		100	8	1040	45	-2	39.851	39.925	0.445								
19		10:46:00	Increase to a 38.100 mm (gutline).																
20		10:50:00		80	7	1040	40	1	32.108	32.157	0.570								
21		10:55:00		80	7	1040	36	2	30.020	30.061	0.678								
22		11:00:00		90	7	1040	34	2	24.401	24.432	0.773								
23		11:15:00		90	8	1040	32	2	21.992	22.019	1.015								
24		11:30:00		90	8	1040	28	3	20.156	20.177	1.234	0.212	0.212	100	0.21	0.00	0.00		
25		11:40:00	Shut in well.																
26		11:45:00	Remove section of flowline from wellhead.																
27		13:25:00	Rig up to pump down tubing.																

From 2012/02/21 07:30:00 To 2012/02/21 12:00:00
 Gas Cum 10³m³ Gas Cum 10³m³
 Oil Cum m³ Oil Cum m³
 Water Cum m³ Water Cum m³
 Cond Cum m³ Cond Cum m³

Field Measurements

Company: Paramount Resources
 Well / Lease Name: Paramount et al Cameron A-73
 Unique Well ID: 0
 Test Type: Workover

Job Number: FSJ12-049
 Formation:
 Field: Cameron Hills
 Pool:

			Wellhead				Gas Measured Rate Meter					Oil Produced Volume Meter									
			Date	Time	Choke Size	Tubing Press	Tubing Temp	Casing Press	Static Press	Meter Temp	Measured Rate	Gas Rate	Cum Gas	Volume	Cum Fluid	BS&W Cut	Cum BS&W	Oil Gain	Cum Oil	PH	Salinity
			/YYYY/MM/DD	HH:mm:ss	mm	kPa(g)	°C	kPa(g)	kPa(g)	°C	10 ³ m ³ /d	10 ³ m ³ /d	10 ³ m ³	m ³	m ³	%	m ³	m ³	m ³	ppm	
28	2012/02/22	13:50:00																			
29		13:55:00																			
30		13:59:00																			
31		14:45:00																			
32		15:00:00																			
33		15:45:00																			
34		16:30:00																			
35		18:40:00																			
36		19:20:00																			
37		19:30:00																			
38		19:45:00																			
39	2012/02/23	07:30:00																			
40		08:00:00			0	0															
41		09:10:00																			
42		12:00:00																			
43		12:45:00																			
44		13:10:00																			
45		16:15:00																			
46		17:15:00																			
47		18:30:00																			
48		18:45:00																			
49	2012/02/24	07:30:00																			
50		08:00:00			0	0															
51		08:50:00																			
52		10:00:00																			
53		10:10:00																			
54		10:50:00																			

From 2012/02/22 12:00:00 To 2012/02/23 12:00:00
 Gas Cum 10³m³ Gas Cum 10³m³
 Oil Cum 0.000 m³ Oil Cum 0.000 m³
 Water Cum 0.000 m³ Water Cum 0.212 m³
 Cond Cum m³ Cond Cum m³

Field Measurements

Company: Paramount Resources
 Well / Lease Name: Paramount et al Cameron A-73
 Unique Well ID: 0
 Test Type: Workover

Job Number: FSJ12-049
 Formation:
 Field: Cameron Hills
 Pool:

Index	Date	Time	Wellhead				Gas Measured Rate Meter					Oil Produced Volume Meter								
			Choke Size	Tubing Press	Tubing Temp	Casing Press	Static Press	Meter Temp	Measured Rate	Gas Rate	Cum Gas	Volume	Cum Fluid	BS&W Cut	Cum BS&W	Cum Oil	Oil Gain	Cum Oil	PH	Salinity
			/YYYY/MM/DD	4H:mm:ss	mm	kPa(g)	°C	kPa(g)	kPa(g)	°C	10 ³ m ³ /d	10 ³ m ³ /d	10 ³ m ³	m ³	m ³	%	m ³	m ³	ppm	
55	2012/02/24	13:45:00																		
			Tag bridge plug, pull up to set guns at desired depth.																	
56		14:25:00																		
57		14:40:00																		
58		15:55:00																		
59		16:25:00																		
60		18:00:00																		
61		19:05:00																		
62		20:00:00																		
63		20:15:00																		
64		20:30:00																		
65	2012/02/25	07:30:00																		
			Arrive on location attend safety meeting.																	
66		08:00:00			0	0														
67		09:20:00			Remove B.O.P.															
68		10:05:00			Install wellhead.															
69		11:02:00			Drop bar to detonate perf gun.															
70		11:03:00			Guns fired 54 seconds after bar was dropped.															
71		11:03:00			Monitor wellhead pressures.															
72		11:04:00			0	0														
73		11:05:00			0	0														
74		11:06:00			0	0														
75		11:07:00			0	0														
76		11:08:00			0	0														
77		11:09:00			0	0														
78		11:10:00			0	0														
79		11:11:00			0	0														
80		11:12:00			0	0														
81		11:13:00			0	0														

From 2012/02/24 12:00:00 To 2012/02/25 12:00:00
 Gas Cum 10³m³ Gas Cum 10³m³
 Oil Cum 0.000 m³ Oil Cum 0.000 m³
 Water Cum 0.000 m³ Water Cum 0.212 m³
 Cond Cum m³ Cond Cum m³

Field Measurements

Company: Paramount Resources
 Well / Lease Name: Paramount et al Cameron A-73
 Unique Well ID: 0
 Test Type: Workover

Job Number: FSJ12-049
 Formation:
 Field: Cameron Hills
 Pool:

			Wellhead				Gas Measured Rate Meter					Oil Produced Volume Meter							
			Date	Time	Choke Size	Tubing Press	Tubing Temp	Casing Press	Static Press	Meter Temp	Measured Rate	Gas Rate	Cum Gas	Volume	Cum Fluid	BS&W Cut	Cum BS&W	Oil Gain	Cum Oil
/YYYY/MM/DD	HH:mm:ss	mm	kPa(g)	°C	kPa(g)	kPa(g)	°C	10 ³ m ³ /d	10 ³ m ³ /d	10 ³ m ³	m ³	m ³	%	m ³	m ³	m ³	m ³	ppm	
82	2012/02/25 11:14:00			0		0													
83	11:15:00			0		0													
84	11:20:00			0		8													
85	11:25:00			8		8													
86	11:30:00			8		8													
87	11:45:00			8		8													
88	12:00:00			6		8													
89	12:15:00			6		8													
90	12:30:00			4		8													
91	12:30:00	H ₂ S = 0 ppm																	
92	13:00:00			4		10													
93	13:30:00			4		10													
94	14:00:00			4		10													
95	14:15:00	Bleed off casing.																	
96	14:30:00	Remove wellhead.																	
97	14:40:00	Install B.O.P.																	
98	15:30:00	Pressure test all components of B.O.P to 21 Mpa.																	
99	16:15:00	Pull tubing and perf guns out of hole.																	
100	17:30:00	Secure well and equipment for the night.																	
101	18:00:00	End of days operations.																	
102	2012/02/26 07:30:00	Arrive on location attend safety meeting.																	
103	08:00:00			140		140													
104	08:15:00	H ₂ S = 0 ppm.																	
105	08:30:00	Bleed off casing.																	
106	08:35:00	Pump down tubing.																	
107	08:36:00	Casing is dead.																	
108	08:50:00	5 m ³ pumped down tubing.																	

From 2012/02/24 12:00:00 To 2012/02/25 12:00:00
 Gas Cum 10³m³ Gas Cum 10³m³
 Oil Cum 0.000 m³ Oil Cum 0.000 m³
 Water Cum 0.000 m³ Water Cum 0.212 m³
 Cond Cum m³ Cond Cum m³

Field Measurements

Company: Paramount Resources
 Well / Lease Name: Paramount et al Cameron A-73
 Unique Well ID: 0
 Test Type: Workover

Job Number: FSJ12-049
 Formation:
 Field: Cameron Hills
 Pool:

			Wellhead				Gas Measured Rate Meter					Oil Produced Volume Meter									
			Date	Time	Choke Size	Tubing Press	Tubing Temp	Casing Press	Static Press	Meter Temp	Measured Rate	Gas Rate	Cum Gas	Volume	Cum Fluid	BS&W Cut	Cum BS&W	Oil Gain	Cum Oil	PH	Salinity
/YYYY/MM/DD	HH:mm:ss	mm	kPa(g)	°C	kPa(g)	kPa(g)	°C	10 ³ m ³ /d	10 ³ m ³ /d	10 ³ m ³	m ³	m ³	%	m ³	ppm						
109	2012/02/26 08:55:00	Pump 5 m ³ down casing continue to trickle fluid down casing.																			
110	10:20:00	Resume pulling tubing and perf guns out of hole.																			
111	11:20:00	Perf gun and tubing on surface																			
112	11:45:00	Rig up bottom hole assembly.																			
113	12:45:00	Run packer and tubing in hole.																			
114	14:40:00	Set packer.																			
115	16:50:00	Remove B.O.P.																			
116	17:15:00	Install wellhead.																			
117	17:15:00	Rig in slick-line.																			
118	17:30:00	Attend safety meeting for slick-line operations.																			
119	18:00:00	Slick-line R.I.H with nipple brush.																			
120	18:20:00	Slick-line on surface unable to confirm packer depth.																			
121	18:30:00	Slick-line R.I.H with 2 ^{3/4} " (69.85 mm) Gauge ring.																			
122	18:55:00	Slick-line on surface unable to confirm packer depth.																			
123	19:00:00	Slick-line R.I.H with 17/8" (47.625 mm) Gauge ring.																			
124	19:30:00	Slick-line on surface, confirmed packer set at desired depth.																			
125	19:30:00	Secure well and equipment for the night.																			
126	19:45:00	End of days operations.																			
127	2012/02/27 07:30:00	Arrive on location attend safety meeting.																			
128	08:00:00		0		1500	0	0	0.000	0.000	1.234	0.000	0.212	0	0.21	0.00	0.00					
129	08:30:00	Waiting on orders from head office.																			
130	13:00:00	Attend safety meeting for rig crew changeout.																			
131	13:45:00	Rig up to swab																			
132	15:05:00	Swab # 1 Tag = 1000 m, Pull = 1300 m.																			
133	15:05:00		8	1	0								0.604	0.816	100	0.82	0.00	0.00	7	30000	
134	15:45:00	Swab # 2 Tag = 1000 m, Pull = 1300 m.																			
135	15:45:00		10	1	0									0.660	1.476	100	1.48	0.00	0.00	7	30000

From 2012/02/25 12:00:00 To 2012/02/26 12:00:00
 Gas Cum 10³m³ Gas Cum 10³m³
 Oil Cum 0.000 m³ Oil Cum 0.000 m³
 Water Cum 0.000 m³ Water Cum 0.212 m³
 Cond Cum m³ Cond Cum m³

Field Measurements

Company: Paramount Resources
Well / Lease Name: Paramount et al Cameron A-73
Unique Well ID: 0
Test Type: Workover

Job Number: FSJ12-049
Formation:
Field: Cameron Hills
Pool:

			Wellhead				Gas Measured Rate Meter					Oil Produced Volume Meter									
			Date	Time	Choke Size	Tubing Press	Tubing Temp	Casing Press	Static Press	Meter Temp	Measured Rate	Gas Rate	Cum Gas	Volume	Cum Fluid	BS&W Cut	Cum BS&W	Oil Gain	Cum Oil	PH	Salinity
			(YYYY/MM/DD)	HH:mm:ss	mm	kPa(g)	°C	kPa(g)	kPa(g)	°C	10 ³ m ³ /d	10 ³ m ³ /d	10 ³ m ³	m ³	m ³	%	m ³	m ³	m ³	ppm	
136	2012/02/27	16:15:00	Swab # 3 Tag = 1000 m, Pull = 1300 m. Trace of burnable gas H ₂ S = 0 ppm.																		
137		16:15:00			12	1	0	1						0.686	2.162	100	2.16	0.00	0.00	7	30000
138		16:40:00	Swab # 4 Tag = 1000 m, Pull = 1300 m. Trace of burnable gas H ₂ S = 0 ppm.																		
139		16:40:00			12	4	0	1						0.560	2.722	100	2.72	0.00	0.00	7	20000
140		17:15:00	Swab # 5 Tag = 1000 m, Pull = 1300 m. Trace of burnable gas H ₂ S = 0 ppm.																		
141		17:15:00			12	4	0	1						0.645	3.367	100	3.37	0.00	0.00	7	20000
142		17:45:00	Swab # 6 Tag = 1000 m, Pull = 1300 m. Trace of burnable gas H ₂ S = 0 ppm.																		
143		17:45:00			12	4	0	1						0.631	3.998	100	4.00	0.00	0.00	7	20000
144		18:05:00	Swab # 7 Tag = 1000 m, Pull = 1300 m. Trace of burnable gas H ₂ S = 0 ppm.																		
145		18:05:00			12	10	0	1						0.862	4.860	100	4.86	0.00	0.00	7	22000
146		18:05:00	Daily swab total = 7 swabs																		
147		18:05:00	Total H ₂ O recovered = 4.650 m ³ .																		
148		18:05:00	Load fluid to recover = 45.35m ³																		
149		18:15:00	Secure well and equipment for the night.																		
150		18:30:00	End of days operations.																		
151	2012/02/28	07:30:00	Arrive on location attend safety meeting.																		
152		08:00:00			120	20	0	0	0.000	0.000	1.234	0.000	4.860	0	4.86	0.00	0.00	0	0		
153		09:15:00	Swab #1 Tag = 900m, Pull = 1300m.																		
154		09:15:00			12	8	20	8	4	5.891	5.893	1.541	1.117	5.977	100	5.98	0.00	0.00	7	22000	
155		09:35:00	Swab #2 Tag = 970m, Pull = 1300m.																		
156		09:35:00			12	8	20	5	3	5.116	5.118	1.618	0.726	6.703	100	6.70	0.00	0.00	7	22000	
157		10:00:00	Swab #3 Tag = 1250m, Pull = 1300m. Trace of burnable gas.																		
158		10:00:00			12	8	20	7	4	4.551	4.553	1.702	0.264	6.967	100	6.97	0.00	0.00	7	22000	
159		10:20:00	Swab #4 Tag = 1150m, Pull = 1300m. Trace of burnable gas.																		
160		10:20:00			13	8	20	7	3	4.265	4.267	1.763	0.495	7.462	100	7.46	0.00	0.00	7	20000	
161		10:50:00	Swab #5 Tag = 1150m, Pull = 1300m. Trace of burnable gas H ₂ S = 0.1 ppm.																		
162		10:50:00			11	12	20	6	2	5.389	5.391	1.864	0.495	7.957	100	7.96	0.00	0.00	7	22000	

From	2012/02/27 12:00:00	To	2012/02/28 12:00:00
Gas Cum	10 ³ m ³	Gas Cum	10 ³ m ³
Oil Cum	0.000 m ³	Oil Cum	0.000 m ³
Water Cum	8.785 m ³	Water Cum	9.338 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

Company: Paramount Resources
 Well / Lease Name: Paramount et al Cameron A-73
 Unique Well ID: 0
 Test Type: Workover

Job Number: FSJ12-049
 Formation:
 Field: Cameron Hills
 Pool:

			Wellhead				Gas Measured Rate Meter					Oil Produced Volume Meter									
			Date	Time	Choke Size	Tubing Press	Tubing Temp	Casing Press	Static Press	Meter Temp	Measured Rate	Gas Rate	Cum Gas	Volume	Cum Fluid	BS&W Cut	Cum BS&W	Oil Gain	Cum Oil	PH	Salinity
			/YYYY/MM/DD	HH:mm:ss	mm	kPa(g)	°C	kPa(g)	kPa(g)	°C	10 ³ m ³ /d	10 ³ m ³ /d	10 ³ m ³	m ³	m ³	%	m ³	m ³	m ³	ppm	
163	2012/02/28	11:10:00																			
164		11:10:00			11	12	20	8	2	5.298	5.300	1.938	0.494	8.451	100	8.45	0.00	0.00	7	22000	
165		11:30:00																			
166		11:30:00			12	15	20	9	2	5.143	5.145	2.010	0.495	8.946	100	8.95	0.00	0.00	7	22000	
167		12:05:00																			
168		12:05:00			12	15	20	9	2	6.237	6.240	2.149	0.457	9.403	100	9.40	0.00	0.00	7	22000	
169		12:30:00																			
170		12:30:00			10	15	65	9	2	5.223	5.226	2.248	0.289	9.692	100	9.69	0.00	0.00	7	22000	
171		12:45:00																			
172		12:45:00			11	15	90	8	3	4.339	4.341	2.298	0.500	10.192	100	10.19	0.00	0.00	7	20000	
173		13:10:00																			
174		13:10:00			12	14	125	8	3	4.522	4.524	2.375	0.412	10.604	100	10.60	0.00	0.00	7	22000	
175		13:25:00																			
176		13:25:00			13	12	200	7	4	5.231	5.233	2.426	0.367	10.971	100	10.97	0.00	0.00	7	22000	
177		13:50:00																			
178		13:50:00			14	12	235	9	5	5.238	5.240	2.517	0.158	11.129	100	11.13	0.00	0.00	7	24000	
179		14:05:00																			
180		14:05:00			15	13	300	9	3	3.556	3.558	2.563	0.300	11.429	100	11.43	0.00	0.00	7	22000	
181		14:25:00																			
182		14:25:00			14	13	355	7	4	4.238	4.239	2.617	0.248	11.677	100	11.68	0.00	0.00	7	22000	
183		14:45:00																			
184		14:45:00			16	13	400	8	4	3.362	3.363	2.670	0.247	11.924	100	11.92	0.00	0.00	7	24000	
185		15:00:00																			
186		15:00:00			12	15	425	6	5	5.238	5.239	2.714	0.248	12.172	100	12.17	0.00	0.00	7	22000	
187		15:15:00																			
188		15:15:00			13	15	490	9	4	6.253	6.256	2.774	0.248	12.420	100	12.42	0.00	0.00	7	20000	
189		15:30:00																			

From 2012/02/27 12:00:00 To 2012/02/28 12:00:00
 Gas Cum 10³m³ Gas Cum 10³m³
 Oil Cum 0.000 m³ Oil Cum 0.000 m³
 Water Cum 8.785 m³ Water Cum 9.338 m³
 Cond Cum m³ Cond Cum m³

Field Measurements

Company: Paramount Resources
 Well / Lease Name: Paramount et al Cameron A-73
 Unique Well ID: 0
 Test Type: Workover

Job Number: FSJ12-049
 Formation:
 Field: Cameron Hills
 Pool:

			Wellhead				Gas Measured Rate Meter					Oil Produced Volume Meter								
			Date	Time	Choke Size	Tubing Press	Tubing Temp	Casing Press	Static Press	Meter Temp	Measured Rate	Gas Rate	Cum Gas	Volume	Cum Fluid	BS&W Cut	Cum BS&W	Oil Gain	Cum Oil	PH
/YYYY/MM/DD	HH:mm:ss	mm	kPa(g)	°C	kPa(g)	kPa(g)	°C	10 ³ m ³ /d	10 ³ m ³ /d	10 ³ m ³	m ³	m ³	%	m ³	m ³	m ³	m ³	ppm		
190	2012/02/28	15:30:00			11	15	500	8	3	5.338	5.340	2.835	0.371	12.791	100	12.79	0.00	0.00	7	20000
191		15:50:00	Swab #20 Tag = 1250m, Pull = 1300m. Trace of burnable gas.																	
192		15:50:00			12	15	500	7	3	5.552	5.554	2.910	0.246	13.037	100	13.04	0.00	0.00	7	22000
193		15:50:00	Shut in to ship fluid, frozen shipping line.																	
194		17:25:00	Swab # 21 Tag = 1200m, Pull = 1300m. Trace of burnable gas.																	
195		17:25:00			10	12	500	7	4	6.538	6.540	3.309	0.325	13.362	100	13.36	0.00	0.00	7	22000
196		17:40:00	Swab #22 Tag = 1200m, Pull = 1300m. Trace of burnable gas.																	
197		17:40:00			11	10	500	7	4	6.523	6.525	3.377	0.370	13.732	100	13.73	0.00	0.00	7	22000
198		17:55:00	Swab #23 Tag = 1250m, Pull = 1300m. Trace of burnable gas H ₂ S = 0.1 ppm.																	
199		17:55:00			12	12	500	8	4	6.327	6.329	3.444	0.235	13.967	100	13.97	0.00	0.00	7	24000
200		18:00:00	Daily swab total = 23 swabs																	
201		18:00:00	Total H ₂ O recovered in today's operations = 9.317m ³																	
202		18:00:00	Total H ₂ O recovered = 13.967 m ³ .																	
203		18:00:00	Load fluid left to recover = 36.033m ³																	
204		18:00:00	Secure well and equipment for the night.																	
205		18:00:00	End of days operations.																	
206	2012/02/29	07:00:00	Arrive on location, attend safety meeting.																	
207		07:25:00			2300	0	325	0	0	0.000	0.000	3.444	0.000	13.967	0	13.97	0.00	0.00	0	0
208		08:45:00	Open the well to bleed off pressure on a 28/64, (11.11mm) choke bean.																	
209		08:45:00	11.110	2000	7	325	14	-2	16.450	16.463	4.359	0.000	13.967	0	13.97	0.00	0.00	0	0	
210		08:50:00			500	8	325	14	-3	7.320	7.326	4.400								
211		08:55:00			500	8	325	11	-2	4.219	4.222	4.420								
212		09:00:00	11.110	400	8	325	10	-1	1.120	1.121	4.430	0.000	13.967	0	13.97	0.00	0.00	0	0	
213		09:00:00	Divert flow through the choke bypass, (38.1mm). H ₂ S = 0.4%																	
214		09:15:00	38.100	75	8	325	6	-1	0.897	0.897	4.440	0.000	13.967	0	13.97	0.00	0.00	0	0	
215		09:30:00			75	8	300	3	0	0.421	0.421	4.447								
216		09:30:00	Shut in the well to attach swab equipment.																	

From 2012/02/28 12:00:00 To 2012/02/29 12:00:00
 Gas Cum 10³m³ Gas Cum 10³m³
 Oil Cum 0.000 m³ Oil Cum 0.000 m³
 Water Cum 6.295 m³ Water Cum 15.633 m³
 Cond Cum m³ Cond Cum m³

Field Measurements

Company: Paramount Resources
 Well / Lease Name: Paramount et al Cameron A-73
 Unique Well ID: 0
 Test Type: Workover

Job Number: FSJ12-049
 Formation:
 Field: Cameron Hills
 Pool:

Date /YYYY/MM/DD	Time HH:mm:ss	Wellhead				Gas Measured Rate Meter					Oil Produced Volume Meter							
		Choke Size	Tubing Press	Tubing Temp	Casing Press	Static Press	Meter Temp	Measured Rate	Gas Rate	Cum Gas	Volume	Cum Fluid	BS&W Cut	Cum BS&W	Oil Gain	Cum Oil	PH	Salinity
			mm	kPa(g)	°C	kPa(g)	kPa(g)	°C	10 ³ m ³ /d	10 ³ m ³ /d	10 ³ m ³	m ³	m ³	%	m ³	m ³	m ³	ppm
217	2012/02/29 10:40:00	Swab #1 Tag = 845m, Pull = 1300m.																
218	10:40:00		18	9	325	6	5	2.200	2.201	4.511	0.345	14.312	100	14.31	0.00	0.00	7	22000
219	11:15:00	Swab #2 Tag = 1176m, Pull = 1300m. Trace of burnable gas.																
220	11:15:00		17	10	325	8	5	4.554	4.556	4.593	0.572	14.884	100	14.88	0.00	0.00	7	22000
221	11:30:00	Swab #3 Tag = 1150m, Pull = 1300m. Trace of burnable gas.																
222	11:30:00		16	11	325	9	5	4.558	4.560	4.640	0.210	15.094	100	15.09	0.00	0.00	7	24000
223	11:50:00	Swab #4 Tag = 1200m, Pull = 1300m. Trace of burnable gas.																
224	11:50:00		17	11	325	7	5	5.552	5.554	4.710	0.353	15.447	100	15.45	0.00	0.00	7	22000
225	12:10:00	Swab #5 Tag = 1200m, Pull = 1300m. Trace of burnable gas.																
226	12:10:00		20	11	325	9	5	6.570	6.572	4.795	0.372	15.819	100	15.82	0.00	0.00	7	22000
227	12:25:00	Swab #6 Tag 1200m, Pull = 1300m. Trace of burnable gas.																
228	12:25:00		19	11	325	9	5	6.359	6.361	4.862	0.371	16.190	100	16.19	0.00	0.00	7	24000
229	12:30:00	Shut down to ship fluid, frozen shipping line.																
230	14:25:00	Swab #7 Tag = 930m, Pull = 1300m. Trace of burnable gas.																
231	14:25:00		20	7	400	9	5	7.423	7.426	5.437	0.505	16.695	100	16.69	0.00	0.00	7	22000
232	14:40:00	Swab #8 Tag = 930m, Pull = 1300m. Trace of burnable gas.																
233	14:40:00		18	12	325	9	5	7.526	7.529	5.514	0.439	17.134	100	17.13	0.00	0.00	7	22000
234	15:00:00	Swab #9 Tag = 1250, Pull = 1300m. Trace of burnable gas. H ₂ S = 0.4%																
235	15:00:00		19	12	325	9	4	5.566	5.568	5.605	0.201	17.335	100	17.33	0.00	0.00	7	22000
236	15:15:00	Swab # 10 Tag = 1100, Pull = 1300m. Trace of burnable gas.																
237	15:15:00		19	12	325	9	5	6.218	6.220	5.667	0.366	17.701	100	17.70	0.00	0.00	7	22000
238	15:30:00	Swab #11 Tag = 1100m, Pull = 1300m. Trace of burnable gas.																
239	15:30:00		18	12	325	9	5	5.018	5.020	5.725	0.409	18.110	100	18.11	0.00	0.00	7	22000
240	15:50:00	Swab #12 Tag = 1100, Pull = 1300m. Trace of burnable gas.																
241	15:50:00		20	12	325	8	5	5.563	5.565	5.799	0.158	18.268	100	18.27	0.00	0.00	7	22000
242	16:10:00	Swab # 13 Tag = 1250, Pull = 1300m. Trace of burnable gas.																
243	16:10:00		21	12	400	9	7	5.677	5.679	5.877	0.105	18.373	100	18.37	0.00	0.00	7	26000

From 2012/02/28 12:00:00 To 2012/02/29 12:00:00
 Gas Cum 10³m³ Gas Cum 10³m³
 Oil Cum 0.000 m³ Oil Cum 0.000 m³
 Water Cum 6.295 m³ Water Cum 15.633 m³
 Cond Cum m³ Cond Cum m³

Field Measurements

Company: Paramount Resources
 Well / Lease Name: Paramount et al Cameron A-73
 Unique Well ID: 0
 Test Type: Workover

Job Number: FSJ12-049
 Formation:
 Field: Cameron Hills
 Pool:

			Wellhead				Gas Measured Rate Meter					Oil Produced Volume Meter								
			Date	Time	Choke Size	Tubing Press	Tubing Temp	Casing Press	Static Press	Meter Temp	Measured Rate	Gas Rate	Cum Gas	Volume	Cum Fluid	BS&W Cut	Cum BS&W	Oil Gain	Cum Oil	PH
/YYYY/MM/DD	HH:mm:ss	mm	kPa(g)	°C	kPa(g)	kPa(g)	°C	10 ³ m ³ /d	10 ³ m ³ /d	10 ³ m ³	m ³	m ³	%	m ³	ppm					
244	2012/02/29	16:25:00	Swab #14 Tag = 1200m, Pull = 1300m. Trace of burnable gas.																	
245		16:25:00			19	12	500	10	7	6.206	6.208	5.939	0.300	18.673	100	18.67	0.00	0.00	7	26000
246		16:40:00	Swab #15 Tag= 1250m, Pull = 1300m. Trace of burnable gas.																	
247		16:40:00			20	12	475	10	6	6.670	6.672	6.006	0.248	18.921	100	18.92	0.00	0.00	7	26000
248		16:55:00	Swab #16 Tag = 1250m, Pull = 1300m. Trace of burnable gas.																	
249		16:55:00			19	12	375	10	7	6.450	6.452	6.074	0.298	19.219	100	19.22	0.00	0.00	7	28000
250		17:15:00	Swab #17 Tag = 1250m, Pull = 1300m. Trace of burnable gas.																	
251		17:15:00			20	12	350	8	6	6.849	6.851	6.167	0.131	19.350	100	19.35	0.00	0.00	7	30000
252		17:30:00	Swab #18 Tag = 1250m, Pull = 1300m. Trace of burnable gas.																	
253		17:30:00			19	12	350	7	5	6.767	6.769	6.238	0.179	19.529	100	19.53	0.00	0.00	7	28000
254		17:45:00	Swab #19 Tag = 1250m, Pull = 1300m. Trace of burnable gas.																	
255		17:45:00			18	12	325	7	5	7.306	7.308	6.311	0.231	19.760	100	19.76	0.00	0.00	7	26000
256		18:00:00	Swab # 20 Tag = 1250m, Pull = 1300m. Trace of burnable gas.																	
257		18:00:00			20	11	325	6	5	7.117	7.119	6.386	0.143	19.903	100	19.90	0.00	0.00	7	26000
258		18:00:00	Daily swab total = 20 swabs																	
259		18:00:00	Total H ₂ O recovered in today's operations = 5.93m ³																	
260		18:00:00	Total H ₂ O recovered = 19.90 m ³ .																	
261		18:00:00	Load fluid left to recover = 30.1m ³																	
262		18:00:00	H ₂ S = 0.6%																	
263		18:00:00	Secure well and equipment for the night.																	
264		18:00:00	End of days operations.																	
265	2012/03/01	07:00:00	Arrive on location, attend safety meeting.																	
266		07:30:00	0.000	2500	0	300	0	0	0.000	0.000	6.386	0.000	19.903	0	19.90	0.00	0.00	0	0	
267		08:00:00	Baker Hughes pump truck arrives on location.																	
268		08:05:00	Acid truck arrives on location.																	
269		08:10:00	Shower unit arrives on location.																	
270		08:15:00	Spot equipment, rig in.																	

From 2012/02/29 12:00:00 To 2012/03/01 12:00:00

Gas Cum	10 ³ m ³	Gas Cum	10 ³ m ³
Oil Cum	0.000 m ³	Oil Cum	0.000 m ³
Water Cum	4.980 m ³	Water Cum	20.613 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

Company: Paramount Resources
 Well / Lease Name: Paramount et al Cameron A-73
 Unique Well ID: 0
 Test Type: Workover

Job Number: FSJ12-049
 Formation:
 Field: Cameron Hills
 Pool:

			Wellhead				Gas Measured Rate Meter					Oil Produced Volume Meter								
			Date	Time	Choke Size	Tubing Press	Tubing Temp	Casing Press	Static Press	Meter Temp	Measured Rate	Gas Rate	Cum Gas	Volume	Cum Fluid	BS&W Cut	Cum BS&W	Oil Gain	Cum Oil	PH
/YYYY/MM/DD	HH:mm:ss	mm	kPa(g)	°C	kPa(g)	kPa(g)	°C	10 ³ m ³ /d	10 ³ m ³ /d	10 ³ m ³	m ³	m ³	%	m ³	ppm					
271	2012/03/01	10:30:00		Attend safety meeting.																
272		11:00:00		Begin acid squeeze.																
273		13:20:00		Acid squeeze complete.																
274		13:20:00		Total fluid pumped down the tubing during operations = 20.75m ³																
275		13:20:00		New load fluid = 50.85m ³																
276		13:30:00		Rig out pump truck, acid truck and shower unit.																
277		14:00:00		Tubing is on a negative pressure.																
278		14:30:00		Rig up to swab.																
279		15:00:00		Swab #1 Tag = 930m, Pull = 1300m. Trace of burnable gas.																
280		15:00:00		19 12 120 12 13 11.389 11.392 9.946 1.184 21.087 100 21.09 0.00 0.00 7 22000																
281		15:25:00		Swab #2 Tag = 930m, Pull = 1300m. Trace of burnable gas.																
282		15:25:00		20 12 120 21 18 15.080 15.084 10.176 1.024 22.111 100 22.11 0.00 0.00 7 22000																
283		15:30:00		Shut in to transfer fluid.																
284		16:00:00		Swab #3 Tag = 1000m, Pull = 1300m. Trace of burnable gas.																
285		16:00:00		21 12 120 15 18 13.338 13.339 10.521 0.865 22.976 100 22.98 0.00 0.00 7 22000																
286		16:15:00		Swab #4 Tag = 1050m, Pull = 1300m. Trace of burnable gas.																
287		16:15:00		19 10 120 18 17 14.203 14.206 10.665 0.802 23.778 100 23.78 0.00 0.00 7 102000																
288		16:35:00		Swab #5 Tag = 1100m, Pull = 1300m. Trace of burnable gas. H ₂ S = 0.2%																
289		16:35:00		18 8 120 12 17 9.626 9.627 10.830 0.574 24.352 100 24.35 0.00 0.00 7 102000																
290		17:00:00		Swab # 6 Tag = 1200m, Pull = 1300m. Trace of burnable gas.																
291		17:00:00		19 8 120 16 17 11.768 11.770 11.016 0.334 24.686 100 24.69 0.00 0.00 7 102000																
292		17:15:00		Swab #7 Tag = 1150m, Pull = 1300m. Trace of burnable gas.																
293		17:15:00		18 9 120 13 17 8.771 8.772 11.123 0.619 25.305 100 25.30 0.00 0.00 7 102000																
294		17:30:00		Swab #8 Tag = 1150m, Pull = 1300m. Trace of burnable gas.																
295		17:30:00		20 9 120 12 17 8.221 8.222 11.211 0.482 25.787 100 25.79 0.00 0.00 7 96000																
296		17:50:00		Swab #9 tag = 1200m, Pull = 1300m. Trace of burnable gas.																
297		17:50:00		21 9 120 8 15 6.858 6.858 11.316 0.425 26.212 100 26.21 0.00 0.00 6 96000																

From 2012/02/29 12:00:00 To 2012/03/01 12:00:00
 Gas Cum 10³m³ Gas Cum 10³m³
 Oil Cum 0.000 m³ Oil Cum 0.000 m³
 Water Cum 4.980 m³ Water Cum 20.613 m³
 Cond Cum m³ Cond Cum m³

Field Measurements

Company: Paramount Resources
 Well / Lease Name: Paramount et al Cameron A-73
 Unique Well ID: 0
 Test Type: Workover

Job Number: FSJ12-049
 Formation:
 Field: Cameron Hills
 Pool:

	Date (YYYY/MM/DD)	Time HH:mm:ss	Wellhead				Gas Measured Rate Meter					Oil Produced Volume Meter							
			Choke Size	Tubing Press	Tubing Temp	Casing Press	Static Press	Meter Temp	Measured Rate	Gas Rate	Cum Gas	Volume	Cum Fluid	BS&W Cut	Cum BS&W	Oil Gain	Cum Oil	PH	Salinity
				mm	kPa(g)	°C	kPa(g)	kPa(g)	°C	10 ³ m ³ /d	10 ³ m ³ /d	10 ³ m ³	m ³	m ³	%	m ³	m ³	m ³	ppm
298	2012/03/01	18:05:00	Swab #10 Tag =1150m, Pull = 1300m. Trace of burnable gas.																
299		18:05:00	19	9	120	3	12	5.580	5.580	11.381	0.496	26.708	100	26.71	0.00	0.00	6	96000	
300		18:05:00	Daily swab total = 10 swabs																
301		18:05:00	Total H ₂ O recovered in today's operations = 6.808m ³																
302		18:05:00	Total H ₂ O recovered = 26.708 m ³ .																
303		18:05:00	Load fluid left to recover = 44.042m ³																
304		18:05:00	H ₂ S = 0.2%																
305		18:05:00	Secure well and equipment for the night.																
306	2012/03/02	07:00:00	Arrive on location, attend safety meeting.																
307		07:30:00	0.000	2300	0	200	0	0	0.000	0.000	11.381	0.000	26.708	0	26.71	0.00	0.00	0	0
308		08:05:00	Open the well on the choke by-pass, (38.1mm).																
309		08:10:00	38.100	15	11	200	1	14	1.483	1.483	11.422	0.000	26.708	0	26.71	0.00	0.00	0	0
310		08:15:00	Shut in to rig up swab equipment.																
311		08:45:00	Swab #1 Tag = 1000m, Pull = 1300m. Trace of burnable gas.																
312		08:45:00	10	10	200	1	14	1.124	1.124	11.454	0.670	27.378	100	27.38	0.00	0.00	6	100000	
313		08:50:00	Shut down operations to repair swab equipment.																
314		09:30:00	Swab #2 Tag = 1200m, Pull = 1300m. Trace of burnable gas.																
315		09:30:00	11	10	200	1	12	2.523	2.523	11.511	0.368	27.746	100	27.75	0.00	0.00	6	100000	
316		09:45:00	Swab #3 Tag = 1150m, Pull = 1300m. Trace of burnable gas.																
317		09:45:00	12	10	200	1	12	4.472	4.472	11.547	0.548	28.294	100	28.29	0.00	0.00	6	92000	
318		10:05:00	Swab #4 Tag = 1150m, Pull = 1300m. Trace of burnable gas.																
319		10:05:00	10	10	200	1	13	3.521	3.521	11.603	0.619	28.913	100	28.91	0.00	0.00	6	84000	
320		10:20:00	Swab #5 Tag = 1100m, Pull = 1300m. Trace of burnable gas.																
321		10:20:00	9	10	200	1	13	3.498	3.498	11.639	0.598	29.511	100	29.51	0.00	0.00	6	84000	
322		10:35:00	Swab #6 Tag = 1100m, Pull = 1300m. Trace of burnable gas.																
323		10:35:00	10	11	200	1	13	3.498	3.498	11.676	0.495	30.006	100	30.01	0.00	0.00	6	84000	
324		10:40:00	Shut down operations to transfer fluid.																

From 2012/03/01 12:00:00 To 2012/03/02 12:00:00
 Gas Cum 10³m³ Gas Cum 10³m³
 Oil Cum 0.000 m³ Oil Cum 0.000 m³
 Water Cum 11.479 m³ Water Cum 32.092 m³
 Cond Cum m³ Cond Cum m³

Field Measurements

Company: Paramount Resources
Well / Lease Name: Paramount et al Cameron A-73
Unique Well ID: 0
Test Type: Workover

Job Number: FSJ12-049
Formation:
Field: Cameron Hills
Pool:

	Date	Time	Wellhead				Gas Measured Rate Meter					Oil Produced Volume Meter							
			Choke Size	Tubing Press	Tubing Temp	Casing Press	Static Press	Meter Temp	Measured Rate	Gas Rate	Cum Gas	Volume	Cum Fluid	BS&W Cut	Cum BS&W	Oil Gain	Cum Oil	PH	Salinity
			/YYYY/MM/DD	HH:mm:ss	mm	kPa(g)	°C	kPa(g)	kPa(g)	°C	10 ³ m ³ /d	10 ³ m ³ /d	10 ³ m ³	m ³	m ³	%	m ³	m ³	ppm
325	2012/03/02	11:00:00	Swab # 7 Tag = 1150m, Pull = 1300m. Trace of burnable gas.																
326		11:00:00		12	10	300	2	12	5.712	5.712	11.756	0.567	30.573	100	30.57	0.00	0.00	6	84000
327		11:20:00	Swab #8 Tag = 1200m, Pull = 1300m. Trace of burnable gas.																
328		11:20:00		10	10	300	2	12	4.898	4.898	11.829	0.379	30.952	100	30.95	0.00	0.00	6	84000
329		11:35:00	Swab #9 Tag = 1150m, Pull = 1300m. Trace of burnable gas.																
330		11:35:00		12	10	300	4	11	7.555	7.555	11.894	0.496	31.448	100	31.45	0.00	0.00	5	86000
331		11:50:00	Swab #10 Tag = 1150m, Pull = 1300m. Trace of burnable gas.																
332		11:50:00		11	8	500	5	10	8.120	8.121	11.976	0.461	31.909	100	31.91	0.00	0.00	5	86000
333		12:10:00	Swab #11 Tag = 1200m, Pull = 1300m. Trace of burnable gas.																
334		12:10:00		12	8	500	5	9	7.971	7.972	12.087	0.366	32.275	100	32.27	0.00	0.00	5	86000
335		12:10:00	H ₂ S = 0.6%																
336		12:25:00	Swab #12 Tag = 1250m, Pull = 1300m. Trace of burnable gas.																
337		12:25:00		10	8	500	4	11	7.501	7.501	12.168	0.158	32.433	100	32.43	0.00	0.00	5	86000
338		12:40:00	Swab #13 Tag = 1250m, Pull = 1300m. Trace of burnable gas.																
339		12:40:00		11	9	500	7	12	7.492	7.493	12.246	0.229	32.662	100	32.66	0.00	0.00	5	86000
340		13:00:00	Swab #14 tag = 1250m, Pull = 1300m. Trace of burnable gas.																
341		13:00:00		10	9	500	4	13	6.958	6.958	12.346	0.248	32.910	100	32.91	0.00	0.00	5	78000
342		13:15:00	Swab #15 Tag = 1250m, Pull = 1300m. Trace of burnable gas.																
343		13:15:00		9	10	500	4	13	7.650	7.650	12.423	0.371	33.281	100	33.28	0.00	0.00	5	78000
344		13:30:00	Swab #16 Tag = 1250m, Pull = 1300m. Trace of burnable gas.																
345		13:30:00		11	12	500	3	12	7.389	7.389	12.501	0.251	33.532	100	33.53	0.00	0.00	5	78000
346		13:45:00	Swab #17 Tag = 1250m, Pull = 1300m. Trace of burnable gas.																
347		13:45:00		10	11	500	3	14	6.378	6.378	12.573	0.235	33.767	100	33.77	0.00	0.00	5	78000
348		14:05:00	Swab #18 Tag = 1250m, Pull = 1300m. Trace of burnable gas.																
349		14:05:00		12	13	500	3	15	5.573	5.572	12.656	0.187	33.954	100	33.95	0.00	0.00	6	76000
350		14:25:00	Swab #19 Tag = 1250m, Pull = 1300m. Trace of burnable gas.																
351		14:25:00		11	13	550	4	15	5.071	5.071	12.729	0.289	34.243	100	34.24	0.00	0.00	6	70000

From	2012/03/01 12:00:00	To	2012/03/02 12:00:00
Gas Cum	10 ³ m ³	Gas Cum	10 ³ m ³
Oil Cum	0.000 m ³	Oil Cum	0.000 m ³
Water Cum	11.479 m ³	Water Cum	32.092 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

Company: Paramount Resources
 Well / Lease Name: Paramount et al Cameron A-73
 Unique Well ID: 0
 Test Type: Workover

Job Number: FSJ12-049
 Formation:
 Field: Cameron Hills
 Pool:

			Wellhead				Gas Measured Rate Meter					Oil Produced Volume Meter									
			Date	Time	Choke Size	Tubing Press	Tubing Temp	Casing Press	Static Press	Meter Temp	Measured Rate	Gas Rate	Cum Gas	Volume	Cum Fluid	BS&W Cut	Cum BS&W	Oil Gain	Cum Oil	PH	Salinity
			YYYY/MM/DD	HH:mm:ss	mm	kPa(g)	°C	kPa(g)	kPa(g)	°C	10 ³ m ³ /d	10 ³ m ³ /d	10 ³ m ³	m ³	m ³	%	m ³	m ³	m ³	ppm	
352	2012/03/02	14:40:00																			
353		14:40:00			9	13	550	4	16	5.514	5.513	12.785	0.298	34.541	100	34.54	0.00	0.00	6	68000	
354		15:00:00																			
355		15:00:00			10	13	550	4	16	4.990	4.989	12.858	0.253	34.794	100	34.79	0.00	0.00	6	68000	
356		15:20:00																			
357		15:20:00			11	13	550	5	17	5.092	5.091	12.928	0.257	35.051	100	35.05	0.00	0.00	6	68000	
358		15:35:00																			
359		15:35:00			12	13	550	6	16	5.165	5.165	12.981	0.261	35.312	100	35.31	0.00	0.00	6	62000	
360		15:50:00																			
361		15:50:00			11	12	550	6	16	5.301	5.301	13.035	0.157	35.469	100	35.47	0.00	0.00	6	60000	
362		16:05:00																			
363		16:05:00			12	12	550	6	16	5.340	5.340	13.091	0.158	35.627	100	35.63	0.00	0.00	6	60000	
364		16:15:00																			
365		16:15:00			13	12	550	6	16	5.508	5.508	13.129	0.106	35.733	100	35.73	0.00	0.00	6	60000	
366		16:35:00																			
367		16:35:00			11	12	550	6	16	4.663	4.663	13.199	0.247	35.980	100	35.98	0.00	0.00	6	60000	
368		16:50:00																			
369		16:50:00			10	11	550	6	15	5.634	5.634	13.253	0.124	36.104	100	36.10	0.00	0.00	6	60000	
370		17:10:00																			
371		17:10:00			12	9	550	6	15	5.445	5.445	13.330	0.247	36.351	100	36.35	0.00	0.00	6	60000	
372		17:25:00																			
373		17:25:00			11	9	550	6	13	6.546	6.546	13.392	0.124	36.475	100	36.47	0.00	0.00	6	60000	
374		17:40:00																			
375		17:40:00			13	9	550	6	12	6.272	6.272	13.459	0.258	36.733	100	36.73	0.00	0.00	6	60000	
376		17:55:00																			
377		17:55:00			12	9	550	6	11	6.496	6.497	13.525	0.224	36.957	100	36.96	0.00	0.00	6	60000	
378		18:00:00			Daily swab total = 32 swabs																

From 2012/03/02 12:00:00 To 2012/03/03 12:00:00
 Gas Cum 10³m³ Gas Cum 10³m³
 Oil Cum 0.000 m³ Oil Cum 0.000 m³
 Water Cum 5.424 m³ Water Cum 37.516 m³
 Cond Cum m³ Cond Cum m³

Field Measurements

Company: Paramount Resources
Well / Lease Name: Paramount et al Cameron A-73
Unique Well ID: 0
Test Type: Workover

Job Number: FSJ12-049
Formation:
Field: Cameron Hills
Pool:

	Date /YYYY/MM/DD	Time HH:mm:ss	Wellhead				Gas Measured Rate Meter					Oil Produced Volume Meter							
			Choke Size	Tubing Press	Tubing Temp	Casing Press	Static Press	Meter Temp	Measured Rate	Gas Rate	Cum Gas	Volume	Cum Fluid	BS&W Cut	Cum BS&W	Oil Gain	Cum Oil	PH	Salinity
			mm	kPa(g)	°C	kPa(g)	kPa(g)	°C	10 ³ m ³ /d	10 ³ m ³ /d	10 ³ m ³	m ³	m ³	%	m ³	m ³	m ³	ppm	
379	2012/03/02	18:00:00	Total H ₂ O recovered in today's operations = 10.249m ³																
380		18:00:00	Total H ₂ O recovered to date = 36.957 m ³ .																
381		18:00:00	Load fluid left to recover = 33.793m ³																
382		18:00:00	H ₂ S = 0.6%																
383		18:00:00	Secure well and equipment for the night.																
384	2012/03/03	07:00:00	Arrive on location, attend safety meeting.																
385		08:00:00	0.000	2900	0	300	0	0	0.000	0.000	13.525	0.000	36.957	0	36.96	0.00	0.00	0	
386		08:00:00	Open the well on the choke by-pass, (38.1mm).																
387		08:05:00	38.100	700	12	300	416	24	85.498	86.368	13.825	0.039	36.996	100	37.00	0.00	0.00	5	
388		08:10:00		25	12	300	35	6	29.556	29.590	14.027								
389		08:15:00		15	10	300	6	8	8.045	8.046	14.092								
390		08:30:00		12	10	300	4	10	7.003	7.003	14.170								
391		08:45:00		9	10	300	2	14	4.343	4.342	14.229								
392		09:00:00	38.100	7	7	300	1	15	3.122	3.121	14.268	0.000	36.996	0	37.00	0.00	0.00	0	
393		09:15:00		5	7	300	1	14	1.900	1.900	14.295								
394		09:30:00		0	7	300	1	15	1.749	1.749	14.314	0.000	36.996	0	37.00	0.00	0.00	0	
395		09:30:00	Shut in to rig up swab equipment.																
396		10:10:00	Swab #1 Tag = 1150m, Pull = 1300m. Burnable gas.																
397		10:10:00	38.100	15	4	300	4	16	19.126	19.124	14.603	0.429	37.425	100	37.42	0.00	0.00	5	
398		10:15:00	Tubing is vent gas.																
399		10:15:00	38.100	9	4	300	2	16	3.610	3.609	14.643								
400		10:25:00		4	4	300	1	16	1.406	1.406	14.660	0.091	37.516	100	37.52	0.00	0.00	5	
401		10:30:00	Shut down operations due to washed out surface line.																
402		12:00:00	IPS wireline arrives on location.																
403		12:10:00	Spot IPS, rig up.																
404		13:25:00	Attend safety meeting.																
405		13:35:00		1640	0	300	0	0	0.000	0.000	14.660	0.000	37.516	0	37.52	0.00	0.00	0	

From	2012/03/02 12:00:00	To	2012/03/03 12:00:00
Gas Cum	10 ³ m ³	Gas Cum	10 ³ m ³
Oil Cum	0.000 m ³	Oil Cum	0.000 m ³
Water Cum	5.424 m ³	Water Cum	37.516 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

Company: Paramount Resources
 Well / Lease Name: Paramount et al Cameron A-73
 Unique Well ID: 0
 Test Type: Workover

Job Number: FSJ12-049
 Formation:
 Field: Cameron Hills
 Pool:

	Date /YYYY/MM/DD	Time HH:mm:ss	Wellhead				Gas Measured Rate Meter					Oil Produced Volume Meter							
			Choke Size	Tubing Press	Tubing Temp	Casing Press	Static Press	Meter Temp	Measured Rate	Gas Rate	Cum Gas	Volume	Cum Fluid	BS&W Cut	Cum BS&W	Oil Gain	Cum Oil	PH	Salinity
			mm	kPa(g)	°C	kPa(g)	kPa(g)	°C	10 ³ m ³ /d	10 ³ m ³ /d	10 ³ m ³	m ³	m ³	%	m ³	m ³	m ³	ppm	
406	2012/03/03	13:40:00	Slickline run down the tubing with a gage ring.																
407		13:55:00	Slickline on surface.																
408		14:05:00	Slickline run down the tubing with a plug body.																
409		14:30:00	Slickline on surface.																
410		14:35:00	Slickline run down the tubing with a prong.																
411		14:45:00	Slickline on surface.																
412		14:50:00	Bleed off tubing, rig up to pressure test the plug.																
413		15:05:00	Pressure test complete 3.7m ³ pumped to fill tubing. Begin rigging out test vessel and slickline.																
414		18:00:00	Daily swab total = 1 swabs																
415		18:00:00	Total H ₂ O recovered in today's operations = 0.520m ³																
416		18:00:00	Total H ₂ O recovered to date = 37.474 m ³ .																
417		18:00:00	Load fluid left to recover = 28.593m ³																
418		18:00:00	H ₂ S = 1%																
419		18:00:00	Shut down for the night.																
420		18:00:00	End of job.																
421																			
422																			

From 2012/03/03 12:00:00 To 2012/03/03 18:00:00
 Gas Cum 10³m³ Gas Cum 10³m³
 Oil Cum 0.000 m³ Oil Cum 0.000 m³
 Water Cum 0.000 m³ Water Cum 37.516 m³
 Cond Cum m³ Cond Cum m³