

Paramount
resources

NATIONAL ENERGY BOARD
Exploration and Production

MAR 30 2012

N E B COPY

Well Operations Report

I-73 6010 117 15

WID: 1937

Cameron Hills, Winter 2012

Prepared by: Lisa Moffat
403-290-3662

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Daily Activity and Cost Summary

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Well Name: PARA ET AL CAMERON I-73

API/UWI 300/I-73/6010-11715/0	Surface Legal Location I-73 6010' 11715'	License # 0001937	Field Name Cameron Hills	State/Province AB
Well Configuration Type Vertical	Original KB Elevation (m) 779.30	KB-Ground Distance (m) 4.50	KB-Casing Flange Distance (m)	KB-Tubing Head Distance (m) 4.00

Job Category Completion	Primary Job Type Workover	Secondary Job Type
Start Date 3/12/2012	End Date 3/23/2012	Total AFE Amount (Cost) 177,740.00

Objective
Acid stimulate Sulphur Point formation. Swab & evaluate

Summary

Contractor Nabors			Rig Number 414		Rig Type
Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
1.0	3/12/2012	3/12/2012	43,625	43,625	HSE Report. No incidents or accidents reported. Moved rig and equipment from K-19 to I-73 location. Rigged in all support equipment, boiler, testers etc. Raised rig and install floor. Conducted SCVF "bubble test" NO flow detected. Prepped equipment for acid squeeze.
2.0	3/13/2012	3/13/2012	53,144	96,768	HSE Report. No incidents or accidents reported. Performed 8.5m3 15% diverter acid squeeze. Unable to stage diverter through Baker pumping unit. Continued with program without diverter. Placed total of 8.5m3 15% HCL to Sulphur point formation. Total water 48.5m3 to recover. Rigged in to swab. Wax encountered on tubing walls make difficult getting down. Sample obtained.
3.0	3/14/2012	3/14/2012	28,967	125,735	HSE Report. No incidents or accidents reported. Worked 73mm tubing with wax knife, nipple brush 2.34 gauge ring to 1385 mCF. Pumped 6.0 m3 to tubing to assist moving slickline tools. Attempted to swab but was only able to get to 800 meters due to wax on tubing walls. We appear to be pushing wax ahead of swab cups forming plugs. Recovered 0.6 m3 water, PH=5. Fluid level ~ 800 meters.
4.0	3/15/2012	3/15/2012	37,163	162,898	HSE Report. No accidents or incidents reported. Alternated between swabbing and slicklining in attempts to free tubing of wax. Unable to swab effectively due to wax build up in tubing. Appear to still be pushing wax ahead of swab cups. Pumped 7 m3 hot water to well during slicklining operations. 3.13m3 recovered during swabbing. Wax samples sent to Baker for analysis.
5.0	3/16/2012	3/16/2012	35,003	197,900	HSE Report. No incidents or accidents reported. Pulled 21 swabs today recovering 17.0m3 water. Wax issues getting better during operations. Fluid level remaining fairly constant @ +/- 800 meters. PH= 6, salinity @ 22,000 ppm. H2s content = 1.0%. Trace burnable through out swabbing. Cumm gas 0.474 e3m3.
6.0	3/17/2012	3/17/2012	26,081	223,981	HSE Report. No accidents or incidents reported. Surge/ flow well as required. Up to 75% wax in samples in first 1.8m3 fluid recovered before flowing clean. Wax sample taken. H2s @ 1.2%, PH = 7, Salinity = 80,000 ppm. Total fluid recovered today = 16.065m3. Cumm gas flared = 7.649 e3m3. Cumm fluid recovered = 36.614 m3. LFLTR= 29.566 m3. FTP @ 19:00hrs = 210 kPA@ 22.51 e3m3/day. Casing pressure fairly stable @ +/- 2,200 kPA.
7.0	3/18/2012	3/18/2012	49,813	273,793	HSE Report. No incidents or accidents reported. Rigged out rig equipment while flowing well. Recovered 8.727m3 water today. No wax in samples. H2s = 1.0% FTP prior to shut in 270 kPA @ 41.52 e3m3/day. PH=7, salinity = 7. Cumm gas flared = 22.61 e3m3. Total hrs flowing = 18.6 LFLTR= 26.7m3. Well pressures recover to 5,000 kPA on both sides 1.5hr after shut in.
8.0	3/21/2012	3/21/2012	9,313	283,107	HSE Report. No incidents or accidents reported. Moved test equipment from E-52 and rigged in to well head. Opened well to flow on clean up. Recovered 7.28 m3 water in 13 hrs flow. FTP = Fairly stable 350 kPA @ 54.0 e3m3/d. PH=7, Salinity = 81,000 ppm.
9.0	3/22/2012	3/22/2012	14,000	297,107	HSE Report. No incidents or accidents reported. Continued to flow/ evaluate Sulphur point formation. Recovered 6.54m3 in 18.5hr of flow today. Shut well in @ 18:30hrs. Q= Fairly stable ~ 1900 kPA @ 35.2 e3m3/d (simulated line pack) Recovered 59.16m3 load fluid. Load fluid LTR= 11.32m3. Cumm hrs flared = 50, Cumm gas flared = 90.26 e3m3. H2s = 0.6%, PH=7, Salinity = 84,000 ppm
10.0	3/23/2012	3/23/2012	32,674	329,781	HSE Report. No incidents or accidents reported. Continued to rig out test equipment complete. Hauled all fluids off location to disposal. Cleaned out vessel with vac truck.



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Daily Fluids

Well Name: PARA ET AL CAMERON I-73

API/UWI 300/I-73/6010-11715/0	Surface Legal Location I-73 6010' 11715'	Well Configuration Type Vertical	Ground Elevation (m) 774.80	KB-Casing Flange Distance (m)	KB-Tubing Head Distance (m) 4.00	Total Depth (mKB) 1,638.00
Report Number 10.0	Report Start Date 3/23/2012 07:30	Report End Date 3/23/2012 14:00	Daily Field Est Total (Cost) 38,751	Cum Field Est To Date (Cost) 335,133		

Lease Fluids

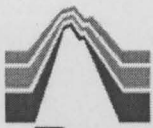
Fluid	To Lease (m³)	Source	From Lease (m³)	Dest	Dens (kg/m³)	BS&W (%)	Ref #	Carrier	Note
Fresh Water			21.00	NewAlta			5012644	Big Eagle	From 400 bbl
Fresh Water			6.00	NewAlta			5012745	Big Eagle	From vessel

Well Fluids

Fluid	To (m³)	From (m³)	Dens (kg/m³)	BS&W (%)	Non-recov (m³)	Zone	Note

Report Fluids Summary

Fluid	Cum to Lease (m³)	Cum fm lease (m³)	Lease Bal (m³)	Cum to Well (m³)	Cum from Well (m³)	Left to recover (m³)	Cum Non-recov (m³)
Acid	8.50	0.00	0.00	8.50	0.00	0.00	8.50
Fresh Water	85.00	73.50	0.17	70.08	58.76	11.33	



Schematic - Current

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Most Recent Job

Job Category Completion	Primary Job Type Workover	Secondary Job Type	Start Date 3/12/2012	End Date 3/18/2012
----------------------------	------------------------------	--------------------	-------------------------	-----------------------

TD: 1,638.00

Vertical - Original Hole, 3/23/2012 3:50:07 PM

MD (mKB)	TVD (mKB)	Incl (°)	DLS DLS (°... * — * * — *	Vertical schematic (actual)
0.5				1-1; Tubing Hanger; 179.0; 73.0; 0.50-0.65; 0.15
0.7				
4.5				
100.0				1-1; Casing Joints; 244.5; 226.6; 4.50-425.60; 421.10
425.6				1-2; Float Shoe; 244.5; 425.60-426.00; 0.40
426.0				1-2; Tubing; 73.0; 62.0; 0.65-1,383.34; 1,382.69
1,383.3				2-1; Casing Joints; 177.8; 161.7; 4.50-1,637.60; 1,633.10
1,385.7				1-3; Tubing Pup Joint; 73.0; 1,383.34-1,385.74; 2.40
1,386.0				1-4; Profile Nipple 'F'; 73.0; 1,385.74-1,385.97; 0.23
1,395.6				1-5; Tubing; 73.0; 62.0; 1,385.97-1,395.57; 9.60
1,395.8				1-6; Profile Nipple 'R'; 73.0; 1,395.57-1,395.80; 0.23
1,398.9				1-7; Tubing Pup Joint; 73.0; 1,395.80-1,398.90; 3.10
1,399.0				1-8; Wireline Guide; 73.0; 1,398.90-1,399.00; 0.10
1,400.0				Perforated; 1,399.00-1,400.00; 3/21/2011
1,408.0				Perforated; 1,408.00-1,410.00; 3/21/1901
1,410.0				
1,413.0				Perforated; 1,413.00-1,414.00; 3/21/1901
1,414.0				
1,415.0				Perforated; 1,415.00-1,419.00; 4/1/1901
1,419.0				
1,623.0				
1,637.6				2-2; Float Shoe; 177.8; 1,637.60-1,638.00; 0.40
1,638.0				

ACID TREATMENT REPORT

Owner PARAMOUNT RESOURCES LTD				Service Order Number: S207810043				Date: 13-Mar-2012			
Address 4700-888 3 ST SW CALGARY AB P305857-1				Well Name And Number: PARA ET AL CAMERON I-73 Job Status: 5300/I-73/6010-11715				UWI: 5300/I-73/6010-11715			
City				Job Type: ACID SQUEEZE WITH STAG				Rig: NABORS 414			
Province				Formation Treated: SULPHUR POINT				Well Type: T4			
Program No.:				Reservoir Fluid: GAS							
O.D.		WT.	Depth	Vol.	MPa	Treating Materials		Treating Materials		Treating Materials	
73.00		9.67	1399.00			0.5 M3	HCl 15% Hydrochloric Acid	0.5 M3	HCl 15% Hydrochloric Acid	0.5 M3	HCl 15% Hydrochloric Acid
Casing		177.80	29.76	1638.00		5 KG	Ferrotrol 800 Iron Control / I	5 KG	Ferrotrol 800 Iron Control / I	5 KG	Ferrotrol 800 Iron Control / I
Open Hole						1 L	Cl-27 Corrosion Inhibitor	1 L	Cl-27 Corrosion Inhibitor	1 L	Cl-27 Corrosion Inhibitor
Total						3 L	D-3 Demulsifier Fracma	3 L	D-3 Demulsifier Fracma	3 L	D-3 Demulsifier Fracma
Packer :		1638	m	PBTD:	m	0.05 L	FP-12L Foam Preventer	0.05 L	FP-12L Foam Preventer	0.05 L	FP-12L Foam Preventer
Perforations		From (m)	To (m)	TYPE							
Interval		1399.0	1400.0	Perforations							
		1408.0	1410.0	Perforations							
		1413.0	1414.0	Perforations							
		1415.0	1419.0	Perforations							
				Perforations							
Bottom Hole Temperature:		56.3	°C								
Ambient Temperature:			°C								
BH Service Representative Mills, Justin D.						Customer Representative STEVE BEGGS					
Time	Press. (MPa)		Volume (m³)			Rate	Ratio	Arrived on Location 13-Mar-2012 08:00 Hours			
	Casing	Tubing	Out Of Tanks	Stage	In Form	(m³/min)	CO2/N2 (scm)	Left Location 13-Mar-2012 08:00 Hours			
14:00								Pretrip meeting 12-Mar-2012			
8:00								Tailgate meeting 13-Mar-2012			
11:00								Prejob meeting			
13:20		20.0						Pressure test lines			
13:55	1.0	7.5	0.50	0.50	0.50	0.17		Start pump, acid			
13:58	1.0	2.0	0.75	0.25	0.75	0.13		Start pump, Diverter			
14:00								Stop pump			
14:28	1.0	2.0	1.00	0.25	0.75	0.25		Start pump, Diverter			
14:29	3.5	3.0	9.50	8.50	8.50	0.31		Start pump, acid			
14:56	3.5	3.0	14.10	4.60	0.40	0.33		Start displacement, Water			
15:10								Stop pump			
15:11								Close in well			
15:15								Rig out Baker Hughes			

Field Measurements

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

Job Number: FSJ12-066
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	m ³		ppm
1	2012/03/12	07:30:00	Arrive on location attend safety meeting.																
2		09:00:00	Mobilize equipment from K-19 to I-73.																
3		10:00:00	Spot and rig in test equipment.																
4		11:00:00	Rig in service rig.																
5		16:30:00	Secure well and equipment for the night.																
6		17:00:00	End of days operations.																
7	2012/03/13	07:30:00	Arrive on location attend safety meeting.																
8		08:00:00		4800		5200													
9		08:00:00	H ₂ S = 0.4 %																
10		09:30:00	Rig in acid pumper.																
11		10:30:00	Pressure test surface lines to 21 Mpa.																
12		11:00:00	Hold safety meeting in regards to acid stimulation.																
13		12:00:00	Begin acid stimulation.																
14		15:10:00	Shut down pumps end of acid stimulation.																
15		15:20:00	Pump breaker and H ₂ O into P-tank.																
16		16:10:00	Rig up to swab.																
17		17:00:00	Unable to R.I.H to swab due to wax.																
18		17:15:00	Secure well and equipment for the night.																
19		17:30:00	End of days operations.																
20	2012/03/14	07:30:00	Arrive on location attend safety meeting.																
21		08:00:00		0		1100	0	0	0.000	0.000	0.000	0.000	0.00	0	0.000	0.00	0.00	0	0
22		08:30:00	Rig in slick-line.																
23		08:40:00	Hold tailgate safety meeting for slick-line operations.																
24		09:25:00	R.I.H with wax knife.																
25		09:50:00	R.I.H with nipple brush.																
26		10:30:00	R.I.H with wax knife.																
27		11:00:00	Pump 2 m ³ of warm H ₂ O down tubing.																

From	2012/03/12 07:30:00	To	2012/03/12 12:00:00
Gas Cum	10 ³ m ³	Gas Cum	10 ³ m ³
Oil Cum	m ³	Oil Cum	m ³
Water Cum	m ³	Water Cum	m ³
Cond Cum	m ³	Cond Cum	m ³

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	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	2012/03/14	12:05:00	R.I.H with gauge ring.																
29		13:10:00	R.I.H with wax knife.																
30		13:55:00	R.I.H with gauge ring.																
31		15:15:00	Slick-line on surface.																
32		15:20:00	Rig out slick-line.																
33		15:25:00	Rig up to swab.																
34		15:55:00	Swab # 1 Tag unknown, Pull from 500 m.																
35		15:55:00	38.100	0	1	1275						0.000	0.00		0.000	0.00	0.00		
36		16:15:00	Swab # 3 Tag 720, Pull from 850 m.																
37		16:15:00	38.100	0	1	1250						0.227	0.23	100	0.227	0.00	0.00	5	10000
38		17:00:00	Swab # 3 Tag 720 m Pull from 890 m.																
39		17:00:00	38.100	0	1	1250						0.198	0.42	100	0.425	0.00	0.00	5	10000
40		18:25:00	Swab # 4 - Unable to run in past 700 m suspect wax buildup.																
41		18:25:00	38.100	0	0	1225						0.000	0.42		0.425	0.00	0.00		
42		18:35:00	Run in hole with "no go" in attempt to break through wax buildup.																
43		19:00:00	Run in hole with sinker bar to break through wax buildups.																
44		19:30:00	Secure well and equipment for the night.																
45		19:45:00	End of days operations.																
46		19:45:00	Daily swabs pulled = 4 swabs																
47		19:45:00	Load fluid to recover = 63.500 m ³ .																
48		19:45:00	Daily load fluid recovered = 0.420 m ³																
49		19:45:00	Load fluid left to recover = 63.080 m ³ .																
50	2012/03/15	07:30:00	Arrive on location attend safety meeting.																
51		08:00:00	38.100	0	18	1200													
52		09:05:00	Run in hole with "no go" in attempt to break through wax buildup.																
53		09:20:00	On surface with "no go" ran in to 1350 m.																
54		09:25:00	Pump 1 m ³ down tubing in attempt to soften wax.																

From	2012/03/14 12:00:00	To	2012/03/15 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	1.747 m ³	Water Cum	1.747 m ³
Cond Cum	m ³	Cond Cum	m ³

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			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
55	2012/03/15	09:35:00	Swab # 1 Tag = 660 Pull = 990 m. (difficulty running in due to wax build-up)																
56		09:35:00	38.100	1	14	1200						0.311	0.74	100	0.736	0.00	0.00	5	2000
57		10:00:00	Swab # 2 Tag = 790 m Pull = 830 m. (difficulty running in due to wax build-up)																
58		10:00:00	38.100	1	15	1250						0.082	0.82	100	0.818	0.00	0.00	5	2000
59		10:40:00	Swab # 3 Tag = 790 Pull = 910 m. (difficulty running in due to wax build-up)																
60		10:40:00	38.100	1	21	1275						0.170	0.99	100	0.988	0.00	0.00	5	2000
61		10:45:00	Lay down lubricator to clean out wax build-up.																
62		11:30:00	Pump 0.300 m ³ down tubing in attempt to soften wax.																
63		11:40:00	Swab # 4 Tag = 790 Pull = 870 m. (difficulty running in due to wax build-up)																
64		11:40:00	38.100	1	21	1275						0.312	1.30	100	1.300	0.00	0.00	5	2000
65		11:50:00	Pump 0.300 m ³ down tubing in attempt to soften wax.																
66		12:10:00	Swab # 5 Tag = 790 Pull = 990 m (difficulty running in due to wax build-up)																
67		12:10:00	38.100	1	21	1275						0.670	1.97	100	1.970	0.00	0.00	5	2000
68		12:25:00	Rig up slick-line.																
69		12:50:00	Slick-line R.I.H with nipple brush.																
70		14:15:00	Rig up to swab.																
71		14:45:00	Swab # 6 Tag = 790 Pull = 1190 m (difficulty running in due to wax build-up)																
72		14:45:00	38.100	1	8	1250						0.609	2.58	100	2.579	0.00	0.00	5	2000
73		15:25:00	Swab # 7 Tag = 870 Pull = 1315 m (difficulty running in due to wax build-up)																
74		15:25:00	38.100	1	14	1250						0.980	3.56	100	3.559	0.00	0.00	5	2000
75		16:00:00	Swab # 8 Tag = No tag Pull = 790 m (unable to run in due to wax build-up)																
76		16:00:00	38.100	1	14	1250						0.000	3.56		3.559	0.00	0.00		
77		16:00:00	Rig up slick-line.																
78		16:05:00	Slick-line R.I.H with nipple brush.																
79		17:55:00	Rig out slick-line.																
80		18:15:00	Secure well and equipment for the night.																
81		18:30:00	End of days operations.																

From	2012/03/14 12:00:00	To	2012/03/15 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	1.747 m ³	Water Cum	1.747 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

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

Job Number: FSJ12-066
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	m ³		ppm
82	2012/03/15	18:30:00	Total swabs pulled = 11 swabs																
83		18:30:00	Daily swabs pulled = 8 swabs																
84		18:30:00	New load fluid to recover = 63.080 + 7.400 m ³ = 70.480 m ³																
85		18:30:00	Daily fluid recovered = 3.140 m ³																
86		18:30:00	Cum fluid recovered = 3.560 m ³																
87		18:30:00	Load fluid left to recover = 67.920 m ³ .																
88	2012/03/16	07:30:00	Arrive on location attend safety meeting.																
89		08:00:00		0		1275													
90		08:45:00	R.I.H to swab unable to get past 790 m.																
91		08:55:00	Pump 1 m ³ of warm water down tubing in attempt to soften wax.																
92		09:28:00	Swab # 1 Tag = 750 Pull = 1070 m (Difficulty running in due to wax build-up)																
93		09:28:00	38.100	1	17	1275						0.495	4.05	100	4.054	0.00	0.00	5	2000
94		09:45:00	Swab # 2 Tag = 790 Pull = 870 m (Difficulty running in due to wax build-up)																
95		09:45:00	38.100	1	16	1275						0.124	4.18	100	4.178	0.00	0.00	5	2000
96		10:00:00	Pump 0.5 m ³ of warm water down tubing to soften wax.																
97		10:24:00	Swab # 3 Tag = 790 Pull = 1150 m (Difficulty running in due to wax build-up)																
98		10:24:00	38.100	1	15	1275						0.495	4.67	100	4.673	0.00	0.00	5	2000
99		10:54:00	Swab # 4 Tag = 790 Pull = 1190 m (Difficulty running in due to wax build-up)																
100		10:54:00	38.100	1	15	1275						0.618	5.29	100	5.291	0.00	0.00	5	2000
101		11:15:00	Swab # 5 Tag = 790 Pull = 1350 m (Difficulty running in due to wax build-up)																
102		11:15:00	38.100	1	16	1275						0.123	5.41	100	5.414	0.00	0.00	5	2000
103		11:40:00	Swab # 6 Tag = 870 Pull = 1350 m (Difficulty running in due to wax build-up)																
104		11:40:00	38.100	1	18	1300						0.491	5.90	100	5.905	0.00	0.00	5	2000
105		12:05:00	Swab # 7 Tag = 830 Pull = 1350 m (Difficulty running in due to wax build-up)																
106		12:05:00	38.100	1	24	1300						0.729	6.63	100	6.634	0.00	0.00	5	2000
107		12:20:00	Burnable gas to surface H ₂ S = 0.2 %.																
108		12:28:00	Swab # 8 Tag = 830 Pull = 1350 m (Difficulty running in due to wax build-up)																

From	2012/03/15 12:00:00	To	2012/03/16 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	4.742 m ³	Water Cum	6.488 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

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

Job Number: FSJ12-066
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	m ³		ppm
109	2012/03/16	12:28:00	38.100	5	24	1325						1.300	7.93	100	7.934	0.00	0.00	6	12000
110		12:50:00	Swab # 9 Tag = No tag Pull = 430 m (Unable to run in due to wax build-up)																
111		12:50:00	38.100	5	22	1350						0.000	7.93		7.934	0.00	0.00		
112		13:35:00	Swab # 10 Tag = 870 Pull = 1350 m (Burnable gas on surface H ₂ S = 0.2 %)																
113		13:35:00	38.100	5	14	1400						1.609	9.54	100	9.543	0.00	0.00	6	22000
114		14:10:00	Swab # 11 Tag = 615 Pull = 1110 m (Burnable gas on surface H ₂ S = 0.2 %)																
115		14:10:00	38.100	5	10	1425	0	0	0.000	0.000	0.000	0.738	10.28	100	10.281	0.00	0.00	6	28000
116		14:45:00	Swab # 12 Tag = 615 Pull = 1275 m (H ₂ S = 0.2 %)																
117		14:45:00	38.100	8	16	1475	2	14	1.669	1.669	0.041	1.238	11.52	100	11.519	0.00	0.00	6	28000
118		15:05:00	Swab # 13 Tag = 615 Pull = 1275 m (H ₂ S = 0.2 %)																
119		15:05:00	38.100	10	18	1500	2	13	2.250	2.250	0.068	0.863	12.38	100	12.382	0.00	0.00	6	28000
120		15:35:00	Swab # 14 Tag = 950 Pull = 1350 m (H ₂ S = 0.2 %)																
121		15:35:00	38.100	11	20	1600	3	13	2.381	2.381	0.116	1.455	13.84	100	13.837	0.00	0.00	6	26000
122		15:55:00	Swab # 15 Tag = 790 Pull = 1275 m (H ₂ S = 0.2 %)																
123		15:55:00	38.100	12	22	1700	3	12	2.962	2.962	0.153	0.925	14.76	100	14.762	0.00	0.00	6	26000
124		16:15:00	Swab # 16 Tag = 790 Pull = 1350 m (H ₂ S = 1.0 %)																
125		16:15:00	38.100	12	24	1800	3	11	3.539	3.539	0.198	1.243	16.01	100	16.005	0.00	0.00	6	28000
126		16:35:00	Swab # 17 Tag = 790 Pull = 1350 m (H ₂ S = 1.0 %)																
127		16:35:00	38.100	14	20	1900	4	11	3.943	3.943	0.250	0.864	16.87	100	16.869	0.00	0.00	6	32000
128		16:55:00	Swab # 18 Tag = 790 Pull = 1350 m (H ₂ S = 1.0 %)																
129		16:55:00	38.100	12	22	2000	4	11	3.621	3.621	0.303	0.978	17.85	100	17.847	0.00	0.00	6	32000
130		17:15:00	Swab # 19 Tag = 790 Pull = 1350 m (H ₂ S = 1.0 %)																
131		17:15:00	38.100	14	25	2150	4	11	4.101	4.101	0.356	0.815	18.66	100	18.662	0.00	0.00	6	36000
132		17:35:00	Swab # 20 Tag = 790 Pull = 1350 m (H ₂ S = 1.0 %)																
133		17:35:00	38.100	14	24	2300	5	10	4.228	4.228	0.414	1.081	19.74	100	19.743	0.00	0.00	6	34000
134		17:55:00	Swab # 21 Tag = 790 Pull = 1350 m (H ₂ S = 1.0 %)																
135		17:55:00	38.100	15	24	2400	5	10	4.447	4.447	0.474	0.806	20.55	100	20.549	0.00	0.00	6	40000

From	2012/03/16 12:00:00	To	2012/03/17 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	19.475 m ³	Water Cum	25.963 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

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

Job Number: FSJ12-066
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	m ³		ppm
136	2012/03/16	18:00:00	Secure well and equipment for the night.																
137		18:00:00	End of days operations.																
138		18:00:00	Total swabs pulled = 32 swabs																
139		18:00:00	Daily swabs pulled = 21 swabs																
140		18:00:00	Daily gas flared = 0.474 10 ³ m ³																
141		18:00:00	New load fluid to recover = 64.680 + 1.5 m ³ = 71.980 m ³																
142		18:00:00	Daily fluid recovered = 16.989 m ³																
143		18:00:00	Cum fluid recovered = 20.549 m ³																
144		18:00:00	Load fluid left to recover = 51.430 m ³																
145	2012/03/17	07:30:00	Arrive on location attend safety meeting.																
146		08:00:00		4650		4800													
147		08:20:00	Pressure test flow line to 4.7 Mpa.																
148		08:25:00	H ₂ S = 1.2 %																
149		08:30:00		4650		4800	0	0	0.000	0.000	0.474	0.000	20.55	0	20.549	0.00	0.00		
150		08:30:00	Open well to flow on choke bypass 38.1 mm.																
151		08:35:00	38.100	1225	3	4700	360	18	72.835	73.525	0.730								
152		08:39:00	Fluid to surface.																
153		08:40:00	38.100	320	10	4500	31	9	12.367	12.378	0.879								
154		08:42:00	Samples contain 75% wax 25% H ₂ O.																
155		08:45:00		250	18	4300	99	10	44.159	44.285	0.977								
156		08:45:00	H ₂ S = 1.2 %																
157		09:00:00	38.100	140	23	4000	78	13	38.046	38.125	1.406	1.731	22.28	100	22.280	0.00	0.00	7	52000
158		09:15:00		55	24	3600	19	14	10.204	10.208	1.658								
159		09:20:00	Samples contain 20% wax 80% H ₂ O.																
160		09:30:00	38.100	10	18	3200	3	12	7.255	7.255	1.749								
161		09:45:00		1	8	3200	2	13	6.401	6.400	1.820	1.609	23.89	100	23.889	0.00	0.00	7	52000
162		09:45:00	H ₂ S = 1.0 %																

From	2012/03/16 12:00:00	To	2012/03/17 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	19.475 m ³	Water Cum	25.963 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

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

Job Number: FSJ12-066
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	m ³		ppm
163	2012/03/17	09:45:00	Well is dead, shut in well to surge flow.																
164		09:50:00		35		3400													
165		09:55:00		200		3525													
166		10:00:00		750		3600													
167		10:15:00		950		3800	0	0	0.000	0.000	1.820	0.000	23.89	0	23.889	0.00	0.00		
168		10:15:00	Open well to flow on choke by-pass 38.1mm.																
169		10:20:00	38.100	150	1	3825	1	11	3.678	3.678	1.833								
170		10:25:00		20	1	3925	1	11	3.212	3.212	1.845								
171		10:30:00	38.100	15	-1	3950	1	11	3.437	3.437	1.857	0.000	23.89		23.889	0.00	0.00		
172		10:30:00	Well is dead, shut in well to surge flow.																
173		10:35:00		200		4025													
174		10:40:00		800		4100													
175		10:45:00		1150		4150													
176		11:00:00		1450		4300													
177		11:15:00		1650		4450													
178		11:30:00		1925		4600	0	0	0.000	0.000	1.857	0.000	23.89		23.889	0.00	0.00		
179		11:30:00	Open well to flow on choke by-pass 38.1mm.																
180		11:35:00		1200	3	4450	35	12	25.371	25.393	1.945								
181		11:39:00	Samples contain 10% wax 90% H ₂ O.																
182		11:40:00	38.100	1100	20	4225	93	13	47.188	47.306	2.071								
183		11:45:00		950	18	3800	118	15	53.810	53.976	2.247								
184		12:00:00	38.100	225	18	3100	25	13	16.354	16.363	2.613	2.074	25.96	100	25.963	0.00	0.00	7	56000
185		12:00:00	H ₂ S = 0.8 %																
186		12:30:00	38.100	5	15	3000	3	14	1.421	1.421	2.798	0.000	25.96		25.963	0.00	0.00		
187		12:30:00	Well is dead, shut in well to surge flow.																
188		12:35:00		150		3200													
189		12:40:00		800		3450													

From	2012/03/16 12:00:00	To	2012/03/17 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	19.475 m ³	Water Cum	25.963 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

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

Job Number: FSJ12-066
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	m ³		ppm
190	2012/03/17	12:45:00		1775		3600													
191		13:00:00		2000		3800													
192		13:15:00		2200		4175													
193		13:30:00		2500		4275	0	0	0.000	0.000	2.798	0.000	25.96	0	25.963	0.00	0.00		
194		13:35:00	38.100	750	4	4100	47	11	21.699	21.727	2.874								
195		13:40:00		650	17	3800	118	16	54.408	54.572	3.006								
196		13:45:00	38.100	500	16	3400	75	16	44.801	44.883	3.179								
197		13:45:00	H ₂ S = 0.8 %																
198		14:00:00		200	15	2975	22	15	16.631	16.638	3.499	1.732	27.70	100	27.695	0.00	0.00	7	70000
199		14:00:00	Trace of wax in samples.																
200		14:15:00	38.100	140	15	2900	9	15	10.674	10.674	3.642								
201		14:30:00		175	16	2850	11	15	14.979	14.980	3.775								
202		14:30:00	H ₂ S = 0.8 %																
203		15:00:00	38.100	190	16	2600	18	16	16.023	16.027	4.098	2.185	29.88	100	29.880	0.00	0.00	7	74000
204		15:00:00	Trace of wax in samples.																
205		15:00:00	H ₂ S = 0.8 %																
206		15:30:00		190	16	2550	18	17	16.582	16.586	4.438								
207		15:30:00	H ₂ S = 0.8 %																
208		16:00:00	38.100	190	16	2500	18	17	17.215	17.219	4.790	1.605	31.49	100	31.485	0.00	0.00	7	76000
209		16:00:00	Trace of wax in samples.																
210		16:00:00	H ₂ S = 0.8 %																
211		16:30:00		195	16	2400	18	18	16.483	16.486	5.141								
212		16:30:00	H ₂ S = 0.8 %																
213		17:00:00	38.100	195	17	2300	20	17	18.260	18.265	5.503	1.685	33.17	100	33.170	0.00	0.00	7	76000
214		17:00:00	H ₂ S = 0.8 %																
215		17:30:00		195	17	2250	20	17	19.105	19.110	5.893								
216		17:30:00	H ₂ S = 1.0 %																

From	2012/03/17 12:00:00	To	2012/03/18 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	15.200 m ³	Water Cum	41.163 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

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

Job Number: FSJ12-066
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	m ³		ppm
217	2012/03/17	18:00:00	38.100	200	15	2225	22	16	19.957	19.964	6.300	1.483	34.65	100	34.653	0.00	0.00	7	78000
218		18:00:00	H ₂ S = 1.0 %																
219		18:30:00		200	15	2200	24	14	20.387	20.397	6.720								
220		18:30:00	H ₂ S = 1.2 %																
221		19:00:00	38.100	210	13	2200	26	13	22.512	22.525	7.167	1.288	35.94	100	35.941	0.00	0.00	7	78000
222		19:00:00	H ₂ S = 1.2 %																
223		19:30:00	38.100	220	12	2200	26	10	23.745	23.762	7.649	0.673	36.61	100	36.614	0.00	0.00	7	80000
224		19:30:00	H ₂ S = 1.2 %																
225		19:30:00	Total hours flowed = 8 hrs 30 minutes																
226		19:30:00	Daily gas flared = 7.175 10 ³ m ³																
227		19:30:00	Total gas flared = 7.649 10 ³ m ³																
228		19:30:00	Load fluid to recover = 70.480 m ³																
229		19:30:00	Load fluid recovered swabbing = 20.549 m ³																
230		19:30:00	Load fluid recovered flowing = 16.065 m ³																
231		19:30:00	Total load fluid recovered = 36.614 m ³																
232		19:30:00	Load fluid left to recover = 43.866 m ³																
233	2012/03/18	07:30:00	Arrive on location attend safety meeting.																
234		08:00:00		5150		5200	0	0	0.000	0.000	7.649	0.000	36.61		36.614	0.00	0.00		
235		08:00:00	H ₂ S = 1.6 %																
236		08:00:00	Open to flow on a 38.100 mm.																
237		08:05:00		1325	-10	4650	417	0	153.920	156.106	8.191								
238		08:10:00	38.100	1000	-4	3900	327	2	124.660	126.010	8.681								
239		08:15:00		800	-2	3300	252	6	93.334	94.068	9.063								
240		08:15:00	H ₂ S = 1.6 %																
241		08:30:00	38.100	500	8	2850	117	9	53.401	53.585	9.832								
242		08:45:00		400	5	2550	79	10	40.823	40.915	10.324								
243		09:00:00	38.100	350	8	2400	59	12	32.048	32.098	10.705	0.463	37.08	100	37.077	0.00	0.00	7	68000

From	2012/03/17 12:00:00	To	2012/03/18 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	15.200 m ³	Water Cum	41.163 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

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

Job Number: FSJ12-066
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	m ³		ppm
244	2012/03/18	09:00:00	H ₂ S = 1.6 %																
245		09:30:00		280	7	2325	49	16	26.244	26.273	11.313								
246		09:30:00	H ₂ S = 1.6 %																
247		10:00:00	38.100	280	10	2300	46	15	30.318	30.351	11.903	1.411	38.49	100	38.488	0.00	0.00	7	68000
248		10:00:00	H ₂ S = 1.6 %																
249		10:30:00		280	15	2275	47	15	33.115	33.151	12.564								
250		10:30:00	H ₂ S = 1.6 %																
251		11:00:00	38.100	270	14	2250	45	15	32.219	32.253	13.245	1.204	39.69	100	39.692	0.00	0.00	7	68000
252		11:00:00	H ₂ S = 1.6 %																
253		11:30:00		260	14	2225	44	13	35.187	35.226	13.948								
254		11:30:00	H ₂ S = 1.2 %																
255		12:00:00		250	12	2225	44	12	34.268	34.307	14.672	1.471	41.16	100	41.163	0.00	0.00	7	68000
256		12:00:00	H ₂ S = 1.2 %																
257		12:30:00		250	10	2200	44	12	36.382	36.424	15.409								
258		12:30:00	H ₂ S = 1.2 %																
259		13:00:00		250	10	2200	44	12	34.686	34.726	16.150	0.963	42.13	100	42.126	0.00	0.00	7	68000
260		13:00:00	H ₂ S = 1.2 %																
261		13:30:00		250	10	2200	45	13	36.103	36.144	16.889								
262		13:30:00	H ₂ S = 1.2 %																
263		14:00:00		260	11	2200	46	14	37.364	37.406	17.655	0.823	42.95	100	42.949	0.00	0.00	7	70000
264		14:00:00	H ₂ S = 1.2 %																
265		14:30:00		260	11	2200	48	14	38.355	38.400	18.444								
266		14:30:00	H ₂ S = 1.2 %																
267		15:00:00		260	10	2200	48	15	38.877	38.921	19.250	0.681	43.63	100	43.630	0.00	0.00	7	70000
268		15:00:00	H ₂ S = 1.2 %																
269		15:30:00		265	8	2150	49	15	40.639	40.686	20.079								
270		15:30:00	H ₂ S = 1.2 %																

From	2012/03/17 12:00:00	To	2012/03/18 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	15.200 m ³	Water Cum	41.163 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

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

Job Number: FSJ12-066
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	m ³		ppm
271	2012/03/18	16:00:00		265	9	2150	48	14	40.115	40.162	20.921	0.721	44.35	100	44.351	0.00	0.00	7	72000
272		16:00:00	H ₂ S = 1.0 %																
273		16:30:00		270	9	2200	48	14	40.257	40.304	21.759								
274		16:30:00	H ₂ S = 1.0 %																
275		17:00:00		270	8	2200	48	14	41.521	41.570	22.612	0.990	45.34	100	45.341	0.00	0.00	7	72000
276		17:00:00	Shut in well record tubing and casing pressure.																
277		17:00:00	Rig out test equipment.																
278		17:05:00		1900		2400													
279		17:10:00		2250		2650													
280		17:15:00		2600		2900													
281		17:30:00		3050		3650													
282		17:45:00		4500		4500													
283		18:00:00		4850		4900													
284		18:30:00		5000		5000													
285		18:30:00	Total hours flowed = 18 hrs 30 minutes																
286		18:30:00	Daily hours flowed = 10 hrs																
287		18:30:00	Daily gas flared = 14.421 10 ³ m ³																
288		18:30:00	Total gas flared = 22.612 10 ³ m ³																
289		18:30:00	Load fluid to recover = 70.480 m ³																
290		18:30:00	Load fluid recovered swabbing = 20.549 m ³																
291		18:30:00	Load fluid recovered flowing = 24.792 m ³																
292		18:30:00	Daily load fluid recovered flowing = 8.727 m ³																
293		18:30:00	Total load fluid recovered = 45.341 m ³																
294		18:30:00	Load fluid left to recover = 25.139 m ³																
295		18:30:00	Secure well and equipment.																
296		18:30:00	Job to be Continued on March 21 st																
297	2012/03/19	07:30:00	Arrive on location attend safety meeting.																

From	2012/03/18 12:00:00	To	2012/03/19 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	4.178 m ³	Water Cum	45.341 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

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

Job Number: FSJ12-066
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	m ³		ppm
298	2012/03/19	09:00:00	Mobilize equipment from I-73 to E-52.																
299	2012/03/21	09:00:00	Mobilize equipment from E-52 to I-73.																
300		09:00:00	Spot and rig in test equipment.																
301		10:30:00	Function test E.S.D.																
302		10:45:00	H ₂ S = 1.2 %																
303		10:45:00	Pressure test flow line to 5 Mpa.																
304		11:00:00		5200		5200	0	0	0.000	0.000	22.612	0.000	45.34	0	45.341	0.00	0.00		
305		11:00:00	Open well to flow on a 38.1 mm choke by-pass.																
306		11:05:00		1200	-5	4100	362	-4	161.740	163.854	23.181								
307		11:10:00	38.100	800	-3	3425	228	-3	119.750	120.732	23.675								
308		11:15:00		700	-1	3200	166	-2	94.479	95.042	24.050								
309		11:15:00	H ₂ S = 1.2 %																
310		11:30:00	38.100	600	4	2900	135	1	81.450	81.828	24.971								
311		11:45:00		550	6	2650	110	4	69.670	69.920	25.761								
312		12:00:00	38.100	500	8	2500	99	5	64.825	65.031	26.464	0.343	45.68	100	45.684	0.00	0.00	7	64000
313		12:00:00	H ₂ S = 1.2 %																
314		12:30:00		475	8	2400	83	7	56.401	56.545	27.731								
315		12:30:00	H ₂ S = 1.2 %																
316		13:00:00	38.100	450	8	2350	79	8	53.930	54.058	28.883	0.769	46.45	100	46.453	0.00	0.00	7	64000
317		13:00:00	H ₂ S = 1.2 %																
318		13:30:00		450	10	2325	77	9	52.588	52.707	29.995								
319		13:30:00	H ₂ S = 1.2 %																
320		14:00:00	38.100	425	10	2300	75	9	53.136	53.253	31.099	0.546	47.00	100	46.999	0.00	0.00	7	68000
321		14:00:00	H ₂ S = 1.2 %																
322		14:30:00		425	10	2300	75	9	52.581	52.697	32.202								
323		14:30:00	H ₂ S = 1.2 %																
324		15:00:00	38.100	425	10	2300	74	8	52.098	52.214	33.295	0.779	47.78	100	47.778	0.00	0.00	7	68000

From	2012/03/18 12:00:00	To	2012/03/19 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	4.178 m ³	Water Cum	45.341 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

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

Job Number: FSJ12-066
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	m ³		ppm
325	2012/03/21	15:00:00	H ₂ S = 1.2 %																
326		15:30:00		425	11	2300	75	8	52.379	52.497	34.386								
327		15:30:00	H ₂ S = 1.2 %																
328		16:00:00	38.100	425	11	2300	75	8	52.702	52.821	35.483	0.706	48.48	100	48.484	0.00	0.00	7	68000
329		16:00:00	H ₂ S = 1.2 %																
330		16:30:00		400	11	2300	75	8	52.481	52.599	36.581								
331		16:30:00	H ₂ S = 1.2 %																
332		17:00:00	38.100	400	11	2275	75	8	52.116	52.234	37.673	0.619	49.10	100	49.103	0.00	0.00	7	58000
333		17:00:00	H ₂ S = 1.2 %																
334		17:30:00		375	11	2275	75	7	52.327	52.448	38.764								
335		17:30:00	H ₂ S = 1.2 %																
336		18:00:00	38.100	375	11	2275	75	7	51.529	51.648	39.848	0.495	49.60	100	49.598	0.00	0.00	7	56000
337		18:00:00	H ₂ S = 1.2 %																
338		18:30:00		375	10	2275	75	7	52.484	52.605	40.934								
339		18:30:00	H ₂ S = 1.2 %																
340		19:00:00	38.100	350	10	2275	76	6	53.146	53.274	42.037	0.493	50.09	100	50.091	0.00	0.00	7	63000
341		19:00:00	H ₂ S = 1.2 %																
342		19:30:00		350	8	2275	76	5	53.706	53.838	43.153								
343		19:30:00	H ₂ S = 1.2%																
344		20:00:00	38.100	345	11	2275	77	4	53.554	53.691	44.273	0.627	50.72	100	50.718	0.00	0.00	7	71000
345		20:00:00	H ₂ S = 1.2%																
346		20:30:00		350	14	2275	79	4	54.727	54.870	45.403								
347		20:30:00	H ₂ S = 1.2%																
348		21:00:00	38.100	350	11	2275	78	4	54.160	54.300	46.541	0.508	51.23	100	51.226	0.00	0.00	7	82000
349		21:00:00	H ₂ S = 1.2%																
350		21:30:00		350	10	2260	77	5	53.652	53.786	47.667								
351		21:30:00	H ₂ S = 1.2%																

From	2012/03/21 12:00:00	To	2012/03/22 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	11.983 m ³	Water Cum	57.667 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

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

Job Number: FSJ12-066
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
			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	2012/03/21	22:00:00	38.100	350	11	2260	77	4	53.842	53.979	48.789	0.510	51.74	100	51.736	0.00	0.00	7	80000
353		22:00:00	H ₂ S = 1.2%																
354		22:30:00		355	10	2275	78	4	54.747	54.888	49.923								
355		22:30:00	H ₂ S = 1.2%																
356		23:00:00	38.100	350	9	2275	78	4	54.585	54.726	51.065	0.551	52.29	100	52.287	0.00	0.00	7	78000
357		23:00:00	H ₂ S = 1.2%																
358		23:30:00		350	10	2275	78	4	54.733	54.874	52.207								
359		23:30:00	H ₂ S = 1.2%																
360	2012/03/22	00:00:00	38.100	350	9	2275	79	4	55.325	55.470	53.356	0.329	52.62	100	52.616	0.00	0.00	7	81000
361		00:00:00	H ₂ S = 0.65%																
362		00:30:00		350	10	2275	79	4	54.677	54.820	54.505								
363		00:30:00	H ₂ S = 0.65%																
364		01:00:00	38.100	350	10	2275	80	3	55.331	55.481	55.654	0.454	53.07	100	53.070	0.00	0.00	7	83000
365		01:00:00	H ₂ S = 0.65%																
366		01:30:00		355	9	2275	81	3	55.653	55.806	56.813								
367		01:30:00	H ₂ S = 0.65%																
368		02:00:00	38.100	350	9	2275	81	3	55.399	55.551	57.973	0.484	53.55	100	53.554	0.00	0.00	7	80000
369		02:00:00	H ₂ S = 0.65%																
370		02:30:00		350	9	2275	80	3	55.043	55.192	59.127								
371		02:30:00	H ₂ S = 0.65%																
372		03:00:00	38.100	355	10	2275	80	3	55.752	55.903	60.284	0.509	54.06	100	54.063	0.00	0.00	7	81000
373		03:00:00	H ₂ S = 0.65%																
374		03:30:00		350	10	2275	82	3	55.826	55.981	61.449								
375		03:30:00	H ₂ S = 0.65%																
376		04:00:00	38.100	350	11	2275	83	3	56.642	56.801	62.624	0.443	54.51	100	54.506	0.00	0.00	7	82000
377		04:00:00	H ₂ S = 0.65%																
378		04:30:00		360	10	2275	83	3	56.889	57.049	63.810								

From	2012/03/21 12:00:00	To	2012/03/22 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	11.983 m ³	Water Cum	57.667 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

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

Job Number: FSJ12-066
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	m ³		ppm
379	2012/03/22	04:30:00	H ₂ S = 0.65%																
380		05:00:00	38.100	350	11	2275	84	3	57.228	57.390	65.002	0.428	54.93	100	54.934	0.00	0.00	7	84000
381		05:00:00	H ₂ S = 0.65%																
382		05:30:00		355	12	2285	84	3	57.268	57.430	66.198								
383		05:30:00	H ₂ S = 0.65%																
384		06:00:00	38.100	350	11	2290	85	3	58.164	58.331	67.404	0.411	55.35	100	55.345	0.00	0.00	7	84000
385		06:00:00	H ₂ S = 0.6%																
386		06:00:00	Total hours flowed = 37 hrs 30 minutes																
387		06:00:00	Daily hours flowed = 19 hrs																
388		06:00:00	Daily gas flared = 44.792 10 ³ m ³																
389		06:00:00	Total gas flared = 67.404 10 ³ m ³																
390		06:00:00	Load fluid to recover = 70.480 m ³																
391		06:00:00	Load fluid recovered swabbing = 20.549 m ³																
392		06:00:00	Load fluid recovered flowing = 34.796 m ³																
393		06:00:00	Daily load fluid recovered flowing = 10.004 m ³																
394		06:00:00	Total load fluid recovered = 55.345 m ³																
395		06:00:00	Total load fluid left to recover = 15.135 m ³																
396		06:30:00		350	11	2290	84	3	57.279	57.441	68.610								
397		06:30:00	H ₂ S = 0.6%																
398		07:00:00	38.100	350	10	2290	86	3	56.873	57.038	69.802	0.394	55.74	100	55.739	0.00	0.00	7	84000
399		07:00:00	H ₂ S = 0.6%																
400		07:30:00		355	10	2275	84	3	57.248	57.410	70.995								
401		07:30:00	H ₂ S = 0.6%																
402		08:00:00	38.100	350	11	2275	83	3	56.645	56.804	72.184	0.545	56.28	100	56.284	0.00	0.00	7	84000
403		08:00:00	H ₂ S = 0.6%																
404		08:30:00		350	11	2300	79	4	56.792	56.941	73.369								
405		08:30:00	H ₂ S = 0.6%																

From	2012/03/21 12:00:00	To	2012/03/22 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	11.983 m ³	Water Cum	57.667 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

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

Job Number: FSJ12-066
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	m ³		ppm
406	2012/03/22	09:00:00	38.100	345	11	2300	84	4	58.982	59.146	74.578	0.527	56.81	100	56.811	0.00	0.00	7	84000
407		09:00:00	H ₂ S = 0.6%																
408		09:30:00		350	11	2300	86	4	59.138	59.306	75.812								
409		09:30:00	H ₂ S = 0.6%																
410		10:00:00	38.100	350	10	2300	87	5	58.982	59.147	77.046	0.487	57.30	100	57.298	0.00	0.00	7	84000
411		10:00:00	H ₂ S = 0.6%																
412		10:00:00	Increase back pressure to simulate line pack.																
413		10:30:00		1950	11	2500	1500	13	37.582	39.258	78.071								
414		10:30:00	H ₂ S = 0.6%																
415		11:00:00	38.100	1975	11	2700	1500	8	32.170	33.701	78.831	0.219	57.52	100	57.517	0.00	0.00	7	84000
416		11:00:00	H ₂ S = 0.6%																
417		11:30:00		1975	11	2800	1500	8	34.127	35.751	79.555								
418		11:30:00	H ₂ S = 0.6%																
419		12:00:00	38.100	1975	11	2900	1500	8	33.820	35.429	80.296	0.150	57.67	100	57.667	0.00	0.00	7	84000
420		12:00:00	H ₂ S = 0.6%																
421		12:30:00		1975	11	2950	1500	9	31.819	33.313	81.012								
422		13:00:00	H ₂ S = 0.6%																
423		13:00:00	38.100	1950	11	3000	1500	9	32.679	34.214	81.716	0.101	57.77	100	57.768	0.00	0.00	7	86000
424		13:00:00	H ₂ S = 0.6%																
425		13:30:00		1950	11	3000	1500	11	34.381	35.955	82.447								
426		13:30:00	H ₂ S = 0.6%																
427		14:00:00	38.100	1950	11	2850	1500	12	35.399	36.998	83.207	0.263	58.03	100	58.031	0.00	0.00	7	86000
428		14:00:00	H ₂ S = 0.6%																
429		14:30:00		1950	11	2800	1500	12	36.550	38.201	83.990								
430		14:30:00	H ₂ S = 0.6%																
431		15:00:00	38.100	1950	11	2800	1500	11	37.243	38.948	84.793	0.258	58.29	100	58.289	0.00	0.00	7	86000
432		15:00:00	H ₂ S = 0.6%																

From	2012/03/21 12:00:00	To	2012/03/22 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	11.983 m ³	Water Cum	57.667 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

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

Job Number: FSJ12-066
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	m ³		ppm
433	2012/03/22	15:30:00		1925	11	2825	1500	11	36.081	37.732	85.592								
434		15:30:00	H ₂ S = 0.6%																
435		16:00:00	38.100	1925	11	2825	1500	11	35.997	37.645	86.377	0.153	58.44	100	58.442	0.00	0.00	7	86000
436		16:00:00	H ₂ S = 0.6%																
437		16:30:00		1900	10	2900	1500	10	36.242	37.922	87.165								
438		17:00:00	38.100	1900	10	2900	1500	10	34.425	36.021	87.935	0.263	58.71	100	58.705	0.00	0.00	7	84000
439		17:30:00		1900	10	2900	1500	10	36.492	38.184	88.708								
440		18:00:00	38.100	1900	10	2900	1500	10	35.463	37.107	89.492	0.351	59.06	100	59.056	0.00	0.00	7	84000
441		18:30:00		1900	10	2900	1500	10	35.463	37.107	90.265	0.102	59.16		59.158	0.00	0.00	7	84000
442		18:30:00	Shut in well monitor pressure.																
443		18:30:00	Total hours flowed = 50 hrs																
444		18:30:00	Daily hours flowed = 12.5 hrs																
445		18:30:00	Daily gas flared = 22.861 10 ³ m ³																
446		18:30:00	Total gas flared = 90.265 10 ³ m ³																
447		18:30:00	Load fluid to recover = 70.480 m ³																
448		18:30:00	Load fluid recovered swabbing = 20.549 m ³																
449		18:30:00	Load fluid recovered flowing = 38.609 m ³																
450		18:30:00	Daily load fluid recovered flowing = 3.813 m ³																
451		18:30:00	Total load fluid recovered = 59.158 m ³																
452		18:30:00	Total load fluid left to recover = 11.322 m ³																
453		18:35:00		3000		3400	0	0	0.000	0.000	90.265	0.000	59.16	0	59.158	0.00	0.00		
454		18:40:00		3400		3900													
455		18:45:00		3900		4200													
456		19:00:00		4200		4400													
457		19:15:00		4600		4650													
458		19:30:00		4700		4750													
459																			

From	2012/03/22 12:00:00	To	2012/03/22 19:30:00
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	1.491 m ³	Water Cum	59.158 m ³
Cond Cum	m ³	Cond Cum	m ³

Field Measurements

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

Job Number: FSJ12-066
 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
460																			

From	To
Gas Cum 10 ³ m ³	Gas Cum 10 ³ m ³
Oil Cum m ³	Oil Cum m ³
Water Cum m ³	Water Cum m ³
Cond Cum m ³	Cond Cum m ³