

CONFIDENTIAL

KCC
NOV 04 2005

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

CONFIDENTIAL

Form ACO-1

September 1999

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form Must Be Typed

ORIGINAL

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: _____
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: Marvin T. Harvey, Jr.

API No. 15 - 081-21589-00-00
County: Haskell
NE - SW - SE - NE Sec 28 Twp. 27 S. R. 34W
2124 feet from S (N) (circle one) Line of Section
771 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW

Lease Name: Williams G Well #: 1
Field Name: _____

Producing Formation: Morrow

Elevation: Ground: 3042 Kelly Bushing: 3053

Total Depth: 5675 Plug Back Total Depth: 5631

Amount of Surface Pipe Set and Cemented at 1929 feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 3147

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl, Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. To Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

07/19/05 07/28/05 08/25/05
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan ALT I WITH
(Data must be collected from the Reserve Pit) 3-19-07

Chloride content 4000 mg/ ppm Fluid volume 1500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp, _____ S. R. East West

County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 6702, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Vicki Carder

Title: Capital Project Date 11/14/05

Subscribed and sworn to before me this 14th day of November

20 05

Notary Public: Kath Poulton

Date Commission Expires: November 8, 2006

KCC Office Use Only
YES Letter of Confidentiality Attached
If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

NOTARY PUBLIC - State of Kansas
KATHLEEN R. POULTON
My Appt. Exp. 11-8-06

✓

X

Side Two

Operator Name: OXY USA Inc. Lease Name: Williams G Well #: 1
 Sec. 28 Twp. 27 S. R. 34W East West County: Haskell

Instructions: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Neutron Microlog Sonic Induction CBL Geological	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Council Grove</td> <td>2905</td> <td>148</td> </tr> <tr> <td>Heebner</td> <td>4028</td> <td>-975</td> </tr> <tr> <td>Lansing</td> <td>4116</td> <td>-1063</td> </tr> <tr> <td>Marmaton</td> <td>4696</td> <td>-1643</td> </tr> <tr> <td>Cherokee</td> <td>4832</td> <td>-1779</td> </tr> <tr> <td>Morrow</td> <td>5129</td> <td>-2076</td> </tr> <tr> <td>Chester</td> <td>5366</td> <td>-2313</td> </tr> <tr> <td>St. Louis</td> <td>5503</td> <td>-2450</td> </tr> </table>	Name	Top	Datum	Council Grove	2905	148	Heebner	4028	-975	Lansing	4116	-1063	Marmaton	4696	-1643	Cherokee	4832	-1779	Morrow	5129	-2076	Chester	5366	-2313	St. Louis	5503	-2450
Name	Top	Datum																										
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St. Louis	5503	-2450																										

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set(in. O.D.)	Weight Lbs./ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Conductor					C		
Surface	12 1/4	8 5/8	24	1929	C	620	35/65 Poz + Additives
					C	195	Class C + Additives
Production	7 7/8	5 1/2	10.5	5375	H	255	50/50 Lite Poz + Additive

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	Est 1799-3147	H	285	50/50 Poz + Additives - Port Collar
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug off Zone				

Shots Per Foot	PERFORATION RECORD – Bridge Plugs Set/type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	
		Amount	Depth
4	5200-5206, 5210-5218, 5220-5226, 5232-5240, 5146-5254	Acidize - 4500 Gls 7.5% FE-MCA	
		Frac-16,379 gls WF 130 75% N2,	
		100,000# 20/40 Sand	

TUBING RECORD	Size 2 7/8	Set At 5281	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 08/26/05			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil BBLs 24	Gas Mcf 12	Water Bbls 10	Gas-Oil Ratio 521.7
Gravity				

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If vented, Submit ACO-18) Other (Specify) _____

Well		Field			Service Date		Customer		Job Number
WILLIAMS 'G' #1		PLEASANT P			05217-Aug-05		OXY USA, INC.		2205548238
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	
2005-Aug-05	9:47								Shutdown & Tighten BOP
2005-Aug-05	9:47	0	8.30	0.0	1.2	0	0	0	
2005-Aug-05	9:48	0	8.30	0.0	0.0	0	0	0	
2005-Aug-05	9:48	0	8.30	0.0	0.0	0	0	0	
2005-Aug-05	9:49	0	8.30	0.0	0.0	0	0	0	
2005-Aug-05	9:49	0	8.30	0.0	0.0	0	0	0	
2005-Aug-05	9:50	0	8.30	0.0	0.0	0	0	0	
2005-Aug-05	9:50	0	8.30	0.0	0.0	0	0	0	
2005-Aug-05	9:51	0	8.30	0.0	0.0	0	0	0	
2005-Aug-05	9:51	0	8.31	0.0	0.0	0	0	0	
2005-Aug-05	9:52	284	8.31	0.9	0.3	0	0	0	
2005-Aug-05	9:52								Pressure Test Port Collar
2005-Aug-05	9:52	586	8.31	0.9	0.4	0	0	0	
2005-Aug-05	9:52	1282	8.31	0.8	0.7	0	0	0	
2005-Aug-05	9:53	2000	8.31	0.3	1.1	0	0	0	
2005-Aug-05	9:53	1941	8.30	0.0	1.1	0	0	0	
2005-Aug-05	9:54	1936	8.30	0.0	1.1	0	0	0	
2005-Aug-05	9:54	1932	8.30	0.0	1.1	0	0	0	
2005-Aug-05	9:55	1932	8.30	0.0	1.1	0	0	0	
2005-Aug-05	9:55	1314	8.30	0.0	1.1	0	0	0	
2005-Aug-05	9:56	275	8.30	0.0	1.1	0	0	0	
2005-Aug-05	9:56	371	8.30	0.0	0.0	0	0	0	
2005-Aug-05	9:56								Open Port Collar
2005-Aug-05	9:56	352	8.30	0.0	0.0	0	0	0	
2005-Aug-05	9:57	339	8.31	0.0	0.0	0	0	0	
2005-Aug-05	9:57	334	8.31	0.0	0.0	0	0	0	
2005-Aug-05	9:58	334	8.31	0.0	0.0	0	0	0	
2005-Aug-05	9:58	9	8.31	0.0	0.0	0	0	0	
2005-Aug-05	9:59	0	8.31	0.0	0.0	0	0	0	
2005-Aug-05	9:59	0	8.31	0.0	0.0	0	0	0	
2005-Aug-05	10:00	0	8.31	0.0	0.0	0	0	0	
2005-Aug-05	10:00	105	8.30	0.0	0.3	0	0	0	
2005-Aug-05	10:01	32	8.30	0.0	0.3	0	0	0	
2005-Aug-05	10:01	64	8.30	0.2	0.4	0	0	0	
2005-Aug-05	10:02	156	8.30	1.1	0.8	0	0	0	
2005-Aug-05	10:02	366	8.30	2.2	1.5	0	0	0	
2005-Aug-05	10:03	320	8.30	3.1	3.0	0	0	0	
2005-Aug-05	10:03	311	8.30	3.1	4.5	0	0	0	
2005-Aug-05	10:03								Start Pumping Wash
2005-Aug-05	10:03	316	8.30	3.1	0.2	0	0	0	
2005-Aug-05	10:04	311	8.31	3.0	0.9	0	0	0	
2005-Aug-05	10:04	490	8.32	4.0	2.7	0	0	0	
2005-Aug-05	10:05	499	8.32	4.1	4.7	0	0	0	
2005-Aug-05	10:05	531	8.31	4.1	6.8	0	0	0	
2005-Aug-05	10:06	554	8.32	4.1	8.8	0	0	0	
2005-Aug-05	10:06	563	8.33	4.1	10.9	0	0	0	
2005-Aug-05	10:07	591	8.31	4.2	13.0	0	0	0	
2005-Aug-05	10:07	595	8.32	4.1	15.1	0	0	0	
2005-Aug-05	10:08	577	8.32	4.1	17.1	0	0	0	
2005-Aug-05	10:08	563	8.31	4.2	19.2	0	0	0	
2005-Aug-05	10:09	563	8.31	4.2	21.3	0	0	0	
2005-Aug-05	10:09	549	8.41	4.2	23.4	0	0	0	
2005-Aug-05	10:09	540	9.01	4.1	23.9	0	0	0	
2005-Aug-05	10:09								Reset Total, Vol = 23.80 bbl

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 WICHITA, KS

Well			Field			Service Date		Customer		Job Number
WILLIAMS 'G' #1			PLEASANT P			05217-Aug-05		OXY USA, INC.		2205548238
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0		
2005-Aug-05	10:09	540	9.29	4.1	0.2	0	0	0		
2005-Aug-05	10:09								Start Cement Slurry	
2005-Aug-05	10:10	526	10.83	4.0	1.5	0	0	0		
2005-Aug-05	10:10	485	12.60	4.0	3.5	0	0	0		
2005-Aug-05	10:11	435	13.57	3.9	5.5	0	0	0		
2005-Aug-05	10:11	389	13.67	4.0	7.5	0	0	0		
2005-Aug-05	10:12	348	13.88	3.9	9.5	0	0	0		
2005-Aug-05	10:12	243	13.82	3.9	11.5	0	0	0		
2005-Aug-05	10:13	229	13.88	3.9	13.4	0	0	0		
2005-Aug-05	10:13	201	13.89	4.0	15.4	0	0	0		
2005-Aug-05	10:14	197	13.85	4.0	17.4	0	0	0		
2005-Aug-05	10:14	197	13.89	4.0	19.4	0	0	0		
2005-Aug-05	10:15	206	13.86	4.0	21.4	0	0	0		
2005-Aug-05	10:15	211	13.78	4.0	23.4	0	0	0		
2005-Aug-05	10:16	192	13.62	4.2	25.4	0	0	0		
2005-Aug-05	10:16	201	13.72	4.0	27.5	0	0	0		
2005-Aug-05	10:17	197	13.86	4.1	29.5	0	0	0		
2005-Aug-05	10:17	211	13.80	4.0	31.5	0	0	0		
2005-Aug-05	10:18	211	13.77	4.1	33.5	0	0	0		
2005-Aug-05	10:18	206	13.55	4.1	35.6	0	0	0		
2005-Aug-05	10:19	206	13.56	4.0	37.6	0	0	0		
2005-Aug-05	10:19	201	13.51	4.1	39.6	0	0	0		
2005-Aug-05	10:20	188	13.69	4.0	41.7	0	0	0		
2005-Aug-05	10:20	206	13.92	4.0	43.7	0	0	0		
2005-Aug-05	10:21	215	13.82	4.0	45.7	0	0	0		
2005-Aug-05	10:21	229	13.88	4.0	47.6	0	0	0		
2005-Aug-05	10:22	275	14.06	3.9	49.6	0	0	0		
2005-Aug-05	10:22	284	13.94	4.1	51.6	0	0	0		
2005-Aug-05	10:23	275	13.69	4.0	53.7	0	0	0		
2005-Aug-05	10:23	311	13.69	4.0	55.7	0	0	0		
2005-Aug-05	10:24	334	13.78	4.0	57.7	0	0	0		
2005-Aug-05	10:24	375	13.80	4.1	59.7	0	0	0		
2005-Aug-05	10:25	380	13.83	4.1	61.8	0	0	0		
2005-Aug-05	10:25	412	13.88	4.0	63.8	0	0	0		
2005-Aug-05	10:26	412	13.88	4.0	65.8	0	0	0		
2005-Aug-05	10:26	462	13.78	4.2	67.8	0	0	0		
2005-Aug-05	10:27	357	13.66	4.0	69.8	0	0	0		
2005-Aug-05	10:27	453	14.28	4.0	71.9	0	0	0		
2005-Aug-05	10:28	481	14.18	3.9	73.9	0	0	0		
2005-Aug-05	10:28	412	13.81	3.8	75.9	0	0	0		
2005-Aug-05	10:29	444	13.78	3.9	77.8	0	0	0		
2005-Aug-05	10:29	366	13.08	3.8	79.6	0	0	0		
2005-Aug-05	10:29								Reset Total, Vol = 80 bbl	
2005-Aug-05	10:29	366	12.13	3.5	0.1	0	0	0		
2005-Aug-05	10:29	435	11.30	3.7	0.2	0	0	0		
2005-Aug-05	10:29								Start Displacement	
2005-Aug-05	10:30	481	8.34	4.1	2.1	0	0	0		
2005-Aug-05	10:30	508	8.31	4.0	4.1	0	0	0		
2005-Aug-05	10:31	595	8.31	3.9	6.1	0	0	0		
2005-Aug-05	10:31	430	8.31	4.0	8.1	0	0	0		
2005-Aug-05	10:32	352	8.31	3.0	9.9	0	0	0		
2005-Aug-05	10:32	494	8.31	3.0	11.4	0	0	0		
2005-Aug-05	10:33	604	8.31	3.0	12.9	0	0	0		
2005-Aug-05	10:33	677	8.31	3.0	14.4	0	0	0		

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Well		Field			Service Date		Customer			Job Number
WILLIAMS 'G' #1		PLEASANT P			05217-Aug-05		OXY USA, INC.			2205548238
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0		
2005-Aug-05	10:34	728	8.31	2.9	15.8	0	0	0		
2005-Aug-05	10:34	540	8.31	0.1	17.0	0	0	0		
2005-Aug-05	10:34								Reset Total, Vol = 17 bbl	
2005-Aug-05	10:34	467	8.31	0.0	17.0	0	0	0		
2005-Aug-05	10:35	462	8.31	0.0	0.0	0	0	0		
2005-Aug-05	10:35	467	8.31	0.0	0.0	0	0	0		
2005-Aug-05	10:35	696	8.33	0.7	0.0	0	0	0		
2005-Aug-05	10:35								Close Port Collar & Test	
2005-Aug-05	10:36	1295	8.31	0.6	0.3	0	0	0		
2005-Aug-05	10:36	2046	8.31	0.3	0.6	0	0	0		
2005-Aug-05	10:37	1964	8.31	0.0	0.7	0	0	0		
2005-Aug-05	10:37	92	8.31	0.0	0.7	0	0	0		
2005-Aug-05	10:37	-9	8.31	0.0	0.7	0	0	0		
2005-Aug-05	10:37								TIH 2 Joints	
2005-Aug-05	10:38	-9	8.31	0.0	0.7	0	0	0		
2005-Aug-05	10:38	-9	8.31	0.0	0.7	0	0	0		
2005-Aug-05	10:39	-9	8.31	0.0	0.7	0	0	0		
2005-Aug-05	10:39	-5	8.31	0.0	0.7	0	0	0		
2005-Aug-05	10:40	-5	8.31	0.0	0.7	0	0	0		
2005-Aug-05	10:40	-5	8.29	0.0	0.7	0	0	0		
2005-Aug-05	10:41	55	8.33	3.4	0.7	0	0	0		
2005-Aug-05	10:41	55	8.39	5.3	3.3	0	0	0		
2005-Aug-05	10:42	78	8.44	5.2	5.4	0	0	0		
2005-Aug-05	10:42								Wash Pump and Lines	
2005-Aug-05	10:42	60	8.37	6.2	6.0	0	0	0		
2005-Aug-05	10:42	46	8.41	7.5	9.7	0	0	0		
2005-Aug-05	10:43	41	8.41	6.8	13.1	0	0	0		
2005-Aug-05	10:43	55	8.31	7.0	19.6	0	0	0		
2005-Aug-05	10:44	60	8.31	7.0	23.1	0	0	0		
2005-Aug-05	10:44	-9	8.31	0.0	24.4	0	0	0		
2005-Aug-05	10:45	-5	8.18	0.0	24.4	0	0	0		
2005-Aug-05	10:45	-5	8.29	0.0	24.5	0	0	0		
2005-Aug-05	10:46	-5	8.29	0.0	24.5	0	0	0		
2005-Aug-05	10:46	-5	8.30	0.0	24.5	0	0	0		
2005-Aug-05	10:47	-5	8.29	0.0	24.5	0	0	0		
2005-Aug-05	10:47	-5	8.31	0.0	24.5	0	0	0		
2005-Aug-05	10:48	-5	8.31	0.0	24.5	0	0	0		
2005-Aug-05	10:48	-5	8.31	0.0	24.5	0	0	0		
2005-Aug-05	10:49	-5	8.31	0.0	24.5	0	0	0		
2005-Aug-05	10:49	-5	8.31	0.0	24.5	0	0	0		
2005-Aug-05	10:50	-5	8.31	0.0	24.5	0	0	0		
2005-Aug-05	10:50	-5	8.31	0.0	24.5	0	0	0		
2005-Aug-05	10:51	-5	8.31	0.0	0.0	0	0	0		
2005-Aug-05	10:51								Reverse Circulate	
2005-Aug-05	10:51	-5	8.33	0.0	0.0	0	0	0		
2005-Aug-05	10:51	142	8.31	1.9	0.3	0	0	0		
2005-Aug-05	10:52	238	8.31	2.5	1.4	0	0	0		
2005-Aug-05	10:52	298	8.31	2.5	2.7	0	0	0		
2005-Aug-05	10:53	302	8.31	2.4	3.9	0	0	0		
2005-Aug-05	10:53	302	8.31	2.4	5.1	0	0	0		
2005-Aug-05	10:54	307	8.31	2.4	6.3	0	0	0		
2005-Aug-05	10:54	298	8.31	2.4	7.5	0	0	0		
2005-Aug-05	10:55	302	8.31	2.5	8.7	0	0	0		
2005-Aug-05	10:55	298	8.31	2.4	10.0	0	0	0		

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Well		Field		Service Date		Customer			Job Number
WILLIAMS 'G' #1		PLEASANT P		05217-Aug-05		OXY USA, INC.			2205548238
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbbl/min	bbbl	0	0	0	
2005-Aug-05	10:56	302	8.31	2.4	11.2	0	0	0	
2005-Aug-05	10:56	288	8.31	2.5	12.4	0	0	0	
2005-Aug-05	10:57	298	8.31	2.5	13.6	0	0	0	
2005-Aug-05	10:57	298	8.31	2.4	14.8	0	0	0	
2005-Aug-05	10:58	298	8.31	2.5	16.1	0	0	0	
2005-Aug-05	10:58	284	8.31	2.5	17.3	0	0	0	
2005-Aug-05	10:59	211	8.31	2.5	18.6	0	0	0	
2005-Aug-05	10:59	211	8.31	2.5	19.8	0	0	0	
2005-Aug-05	11:00	146	8.31	2.5	21.1	0	0	0	
2005-Aug-05	11:00	137	8.31	2.5	22.3	0	0	0	
2005-Aug-05	11:01	133	8.31	2.5	23.6	0	0	0	
2005-Aug-05	11:01	137	8.31	2.5	24.8	0	0	0	
2005-Aug-05	11:02	128	8.31	2.5	26.1	0	0	0	
2005-Aug-05	11:02	137	8.31	2.5	27.3	0	0	0	
2005-Aug-05	11:03	142	8.31	2.5	28.6	0	0	0	
2005-Aug-05	11:03	128	8.31	2.5	29.8	0	0	0	
2005-Aug-05	11:04	137	8.31	2.4	31.1	0	0	0	
2005-Aug-05	11:04	142	8.31	2.5	32.3	0	0	0	
2005-Aug-05	11:05	128	8.31	2.5	33.5	0	0	0	
2005-Aug-05	11:05	137	8.31	2.6	34.8	0	0	0	
2005-Aug-05	11:06	137	8.31	2.5	36.1	0	0	0	
2005-Aug-05	11:06	-14	8.31	0.0	36.3	0	0	0	
2005-Aug-05	11:06								Reset Total, Vol = 35.65 bbl

Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
3			4	80		20	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to Breakdown	Volume	Density		
750		500			8.34 lb/gal		
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input type="checkbox"/> Cement Circulated to Surface?	Volume	bbl	
%	79 bbl	17 bbl	°F	<input type="checkbox"/> Washed Thru Perfs	To	ft	
Customer or Authorized Representative			Schlumberger Supervisor		<input type="checkbox"/> CirculationLost		
Willimon, Wes			Ousley, John		<input checked="" type="checkbox"/> Job Completed		



CONFIDENTIAL Cementing Service Report

Customer OXY USA, INC	Job Number 2205548225
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Well WILLIAMS 'G' 1		Location (legal) Sec 28-T27S-R34W		Schlumberger Location Perryton, TX		Job Start 2005-Jul-21					
Field PLEASANT P		Formation Name/Type		Deviation		Bit Size 12.3 in	Well MD 1,929 ft	Well TVD 1,929 ft			
County HASKELL		State/Province KANSAS		BHP psi	BHST 97.5 °F	BHCT °F	Pore Press. Gradient psi/ft				
Well Master: 0630689976		API / UWI: 15-081-21589		Casing/Liner							
Rig Name MURFIN 20	Drilled For Gas	Service Via Land		Depth, ft 1933	Size, in 8.63	Weight, lb/ft 24	Grade	Thread			
Offshore Zone	Well Class New	Well Type Development		Tubing/Drill Pipe							
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity cp	Depth,	Size, in	Weight, lb/ft	Grade	Thread			
Service Line Cementing	Job Type Cem Surface Casing			Perforations/Open Hole							
Max. Allowed Tubing Pressure psi	Max. Allowed Ann. Pressure psi	Wellhead Connection 8 5/8" H&SM		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft			
Service Instructions CEMENT SURFACE 8 5/8" CASING 10 BBLs FRESH WATER 620 SK 35:65 POZ:CLASS C+6% D020 + 2% S001 + 0.5 PPS D029 195 SK CLASS C + 2 % S001+ 0.25 PPS D029				Treat Down Casing	Displacement 120.5 bbl	Packer Type	Packer Depth ft				
				Tubing Vol. bbl	Casing Vol. 123 bbl	Annular Vol. 142 bbl	Open Hole Vol. 265 bbl				
				Casing Tools				Squeeze Job			
				Lift Pressure: 500 psi				Shoe Type:		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth: 1933 ft		Tool Type:					
No. Centralizers:	Top Plugs: 1	Bottom Plugs: 0	Stage Tool Type:		Tool Depth: ft						
Cement Head Type: Single			Stage Tool Depth: ft		Tail Pipe Size: in						
Job Scheduled For: 2005-Jul-21 1:00		Arrived on Location: 2005-Jul-21 5:00		Leave Location:		Collar Type:		Tail Pipe Depth: ft			
				Collar Depth: 1892 ft		Sqz Total Vol: bbl					
Date	Time	Treating Pressure psi	Flow Rate bbl/min	CMT DENS lb/gal	Volume bbl	Flowmeter Rate bbl/min	Flowmeter Tot bbl	0	Message		
2005-Jul-21	2:35	-5	0.0	8.28	0.0	0.0	0.0	0			
2005-Jul-21	2:35										
2005-Jul-21	2:36	0	0.0	8.28	0.0	0.0	0.0	0	Start Job		
2005-Jul-21	2:36	55	0.0	8.28	0.0	0.3	0.3	0			
2005-Jul-21	2:37	2124	0.0	8.28	0.0	0.0	0.4	0			
2005-Jul-21	2:37										
2005-Jul-21	2:37	2097	0.0	8.28	0.0	0.0	0.4	0	Pressure Test Lines		
2005-Jul-21	2:37	1959	0.0	8.28	0.0	0.0	0.4	0	RECEIVED		
2005-Jul-21	2:38	73	0.0	8.28	0.0	0.0	0.4	0	KANSAS CORPORATION COMMISSION		
2005-Jul-21	2:38	41	0.0	8.28	0.0	0.0	0.4	0	NOV 15 2005		
2005-Jul-21	2:39	101	2.3	8.27	0.0	1.8	0.6	0	CONSERVATION DIVISION		
2005-Jul-21	2:39	124	4.0	8.27	0.0	4.1	2.0	0	WICHITA, KS		
2005-Jul-21	2:40	179	5.1	8.27	0.0	5.2	4.6	0			
2005-Jul-21	2:40								Start Pumping Spacer		
2005-Jul-21	2:40	174	5.1	8.21	0.8	5.0	6.3	0			
2005-Jul-21	2:40	169	5.1	8.23	1.6	5.1	7.2	0			
2005-Jul-21	2:41	160	5.1	8.26	4.1	5.2	9.8	0			
2005-Jul-21	2:41	165	5.1	8.26	6.7	5.2	12.3	0			
2005-Jul-21	2:42	169	5.1	8.95	9.3	5.1	14.9	0			
2005-Jul-21	2:42	165	5.1	9.02	9.4	5.1	15.1	0			
2005-Jul-21	2:42								End Spacer		
2005-Jul-21	2:42								Reset Total, Vol = 0.00 bbl		

Well		Field			Service Date		Customer		Job Number
WILLIAMS 'G' #1		PLEASANT P			05202-Jul-21		OXY USA, INC.		2205548225
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl/min	bbl	0	
2005-Jul-21	2:42								Reset Total, Vol = 9.51 bbl
2005-Jul-21	2:42	169	5.1	9.04	9.5	5.1	15.2	0	
2005-Jul-21	2:42								Start Mixing Lead Slurry
2005-Jul-21	2:42	169	5.1	9.10	0.3	5.2	0.3	0	
2005-Jul-21	2:42	137	4.0	9.84	2.2	4.4	2.3	0	
2005-Jul-21	2:43	133	4.0	12.05	4.2	4.0	4.3	0	
2005-Jul-21	2:43	124	4.0	12.11	6.2	4.0	6.3	0	
2005-Jul-21	2:44	110	3.9	11.81	8.2	3.9	8.3	0	
2005-Jul-21	2:44	105	4.0	11.79	10.1	4.0	10.2	0	
2005-Jul-21	2:45	128	4.8	11.73	12.2	4.8	12.3	0	
2005-Jul-21	2:45	169	5.9	11.89	15.1	5.9	15.1	0	
2005-Jul-21	2:46	174	5.9	11.98	18.1	5.9	18.1	0	
2005-Jul-21	2:46	165	6.0	11.98	21.1	6.0	21.0	0	
2005-Jul-21	2:47	156	6.0	12.05	24.1	6.0	24.0	0	
2005-Jul-21	2:47	151	6.1	12.08	27.1	6.0	27.0	0	
2005-Jul-21	2:48	110	5.3	11.32	29.9	5.2	29.8	0	
2005-Jul-21	2:48	105	5.3	11.47	32.5	5.3	32.4	0	
2005-Jul-21	2:49	101	5.3	11.73	35.2	5.4	35.1	0	
2005-Jul-21	2:49	101	5.2	11.75	37.8	5.4	37.7	0	
2005-Jul-21	2:50	101	5.3	11.55	40.4	5.4	40.4	0	
2005-Jul-21	2:50	101	5.3	11.61	43.1	5.3	43.1	0	
2005-Jul-21	2:51	105	5.3	11.53	45.8	5.3	45.9	0	
2005-Jul-21	2:51	82	4.6	11.44	48.2	4.7	48.4	0	
2005-Jul-21	2:52	82	4.6	12.20	50.5	4.7	50.7	0	
2005-Jul-21	2:52	87	4.6	12.27	52.8	4.6	53.0	0	
2005-Jul-21	2:53	82	4.6	12.26	55.1	4.7	55.4	0	
2005-Jul-21	2:53	78	4.6	12.08	57.4	4.5	57.7	0	
2005-Jul-21	2:54	82	4.6	11.84	59.7	4.7	60.0	0	
2005-Jul-21	2:54	82	4.6	11.99	62.0	4.7	62.3	0	
2005-Jul-21	2:55	78	4.6	12.17	64.3	4.6	64.6	0	
2005-Jul-21	2:55	78	4.6	12.12	66.6	4.6	67.0	0	
2005-Jul-21	2:56	82	4.6	12.26	68.9	4.6	69.3	0	
2005-Jul-21	2:56	110	5.3	12.37	71.4	5.4	71.8	0	
2005-Jul-21	2:57	128	5.9	12.40	74.2	5.8	74.6	0	
2005-Jul-21	2:57	128	5.9	12.37	77.2	5.9	77.5	0	
2005-Jul-21	2:58	128	5.9	12.31	80.1	5.9	80.5	0	
2005-Jul-21	2:58	128	5.8	12.22	83.0	5.9	83.4	0	
2005-Jul-21	2:59	133	5.9	12.28	85.9	5.9	86.4	0	
2005-Jul-21	2:59	133	5.8	12.40	88.9	5.9	89.3	0	
2005-Jul-21	3:00	137	5.9	12.47	91.8	6.0	92.3	0	
2005-Jul-21	3:00	137	5.9	12.37	94.7	6.0	95.3	0	
2005-Jul-21	3:01	146	5.9	12.11	97.6	5.9	98.2	0	
2005-Jul-21	3:01	137	5.9	11.79	100.7	5.9	101.2	0	
2005-Jul-21	3:02	133	5.9	11.95	103.6	5.9	104.2	0	
2005-Jul-21	3:02	105	5.1	12.01	106.5	5.2	107.1	0	
2005-Jul-21	3:03	101	5.0	12.17	109.0	5.1	109.6	0	
2005-Jul-21	3:03	105	5.0	12.28	111.5	5.0	112.2	0	
2005-Jul-21	3:04	101	5.0	12.25	114.0	5.0	114.6	0	
2005-Jul-21	3:04	96	5.0	12.28	116.5	5.0	117.2	0	
2005-Jul-21	3:05	96	4.9	12.37	118.9	5.0	119.6	0	
2005-Jul-21	3:05	96	4.9	12.48	121.5	4.9	122.2	0	
2005-Jul-21	3:06	96	4.9	12.55	124.0	5.0	124.7	0	
2005-Jul-21	3:06	96	4.9	12.47	126.4	4.9	127.2	0	
2005-Jul-21	3:07	92	4.9	12.51	129.1	5.2	129.8	0	

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KANSAS CORPORATION COMMISSION
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CONSERVATION DIVISION
WICHITA, KS

Well		Field			Service Date		Customer		Job Number
WILLIAMS 'G' #1		PLEASANT P			05202-Jul-21		OXY USA, INC.		2205548225
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbf/min	lb/gal	bbf	bbf/min	bbf	0	
2005-Jul-21	3:07	96	4.9	12.59	131.5	5.0	132.3	0	
2005-Jul-21	3:08	92	4.9	12.53	134.0	5.0	134.8	0	
2005-Jul-21	3:08	133	5.9	12.27	136.9	5.9	137.7	0	
2005-Jul-21	3:09	128	6.1	12.32	139.9	6.2	140.7	0	
2005-Jul-21	3:09	92	4.9	12.50	142.4	5.0	143.3	0	
2005-Jul-21	3:10	96	5.0	12.59	144.9	5.0	145.8	0	
2005-Jul-21	3:10	119	5.9	12.56	147.6	6.0	148.5	0	
2005-Jul-21	3:11	92	5.0	12.06	150.1	5.0	151.1	0	
2005-Jul-21	3:11	105	5.7	11.60	152.9	5.6	153.8	0	
2005-Jul-21	3:12	110	5.6	12.08	155.8	5.6	156.6	0	
2005-Jul-21	3:12	160	6.7	12.45	158.7	6.1	159.5	0	
2005-Jul-21	3:13	92	5.1	12.17	161.4	5.3	162.3	0	
2005-Jul-21	3:13	87	5.0	12.09	163.9	5.1	164.8	0	
2005-Jul-21	3:14	87	5.0	11.96	166.4	5.0	167.3	0	
2005-Jul-21	3:14	50	4.0	11.87	168.5	4.1	169.5	0	
2005-Jul-21	3:15	50	4.0	11.82	170.5	4.0	171.6	0	
2005-Jul-21	3:15	50	4.0	11.49	172.5	4.0	173.6	0	
2005-Jul-21	3:16	27	3.2	11.74	174.3	3.4	175.4	0	
2005-Jul-21	3:16	92	5.2	12.25	176.6	5.2	177.7	0	
2005-Jul-21	3:17	87	5.0	12.24	179.1	5.1	180.3	0	
2005-Jul-21	3:17	82	5.0	12.12	181.7	5.1	182.8	0	
2005-Jul-21	3:18	105	5.2	12.15	184.2	5.1	185.3	0	
2005-Jul-21	3:18	105	5.6	12.12	187.0	5.7	188.2	0	
2005-Jul-21	3:19	105	5.6	12.12	189.8	5.7	191.0	0	
2005-Jul-21	3:19	105	5.6	12.20	192.6	5.7	193.8	0	
2005-Jul-21	3:20	105	5.7	11.93	195.5	5.8	196.7	0	
2005-Jul-21	3:20	119	5.7	12.34	198.3	5.8	199.6	0	
2005-Jul-21	3:21	114	5.7	12.26	201.2	5.7	202.5	0	
2005-Jul-21	3:21	124	6.0	12.11	204.2	6.1	205.6	0	
2005-Jul-21	3:22	124	6.0	12.23	207.2	6.2	208.6	0	
2005-Jul-21	3:22	119	5.8	12.32	210.1	5.9	211.6	0	
2005-Jul-21	3:23	119	5.8	12.09	213.1	5.9	214.6	0	
2005-Jul-21	3:23	114	5.8	11.95	215.9	5.8	217.6	0	
2005-Jul-21	3:24	119	5.8	12.17	218.8	5.9	220.5	0	
2005-Jul-21	3:24	124	5.8	12.20	221.7	5.9	223.4	0	
2005-Jul-21	3:25	119	5.8	11.88	224.6	5.8	226.3	0	
2005-Jul-21	3:25	69	4.6	11.81	227.2	4.9	229.0	0	
2005-Jul-21	3:26	64	4.0	11.85	229.2	4.1	231.1	0	
2005-Jul-21	3:26	55	3.9	11.95	231.2	3.9	233.1	0	
2005-Jul-21	3:27	60	3.9	12.13	233.1	3.9	235.0	0	
2005-Jul-21	3:27								End Lead Slurry
2005-Jul-21	3:27	64	3.9	12.82	234.4	4.0	236.4	0	
2005-Jul-21	3:27								Reset Total, Vol = 234.46 bbl
2005-Jul-21	3:27	60	3.9	12.85	234.5	4.0	236.4	0	
2005-Jul-21	3:27	64	3.9	12.82	0.2	4.0	0.2	0	
2005-Jul-21	3:27								Start Mixing Tail Slurry
2005-Jul-21	3:27	64	3.9	12.84	0.6	4.0	0.6	0	
2005-Jul-21	3:28	60	3.9	13.14	2.4	4.0	2.6	0	
2005-Jul-21	3:28	96	4.3	14.54	4.4	4.0	4.6	0	
2005-Jul-21	3:29	165	5.5	14.57	7.0	5.5	7.2	0	
2005-Jul-21	3:29	160	5.4	14.56	9.8	5.5	10.0	0	
2005-Jul-21	3:30	183	5.6	14.94	12.4	5.7	12.7	0	
2005-Jul-21	3:30	169	5.6	14.78	15.2	5.7	15.5	0	
2005-Jul-21	3:31	165	5.7	14.34	18.0	5.7	18.3	0	

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CONSERVATION DIVISION
WICHITA, KS

Well		Field			Service Date		Customer		Job Number
WILLIAMS 'G' #1		PLEASANT P			05202-Jul-21		OXY USA, INC.		2205548225
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl/min	bbl	0	
2005-Jul-21	3:31	142	5.1	14.73	20.7	5.2	21.1	0	
2005-Jul-21	3:32	151	5.2	14.95	23.3	5.3	23.7	0	
2005-Jul-21	3:32	197	6.1	14.96	25.9	5.7	26.3	0	
2005-Jul-21	3:33	197	6.1	14.85	29.0	6.2	29.4	0	
2005-Jul-21	3:33	206	6.1	14.80	32.2	6.2	32.6	0	
2005-Jul-21	3:34	197	6.1	14.76	35.2	6.2	35.7	0	
2005-Jul-21	3:34	201	6.2	14.77	38.3	6.2	38.8	0	
2005-Jul-21	3:35	133	5.2	14.71	41.3	5.5	41.9	0	
2005-Jul-21	3:35	73	3.9	14.94	43.4	4.0	44.0	0	
2005-Jul-21	3:36	46	2.5	14.77	45.1	3.3	45.9	0	
2005-Jul-21	3:36	60	2.5	14.77	46.4	3.7	47.6	0	
2005-Jul-21	3:37	-18	0.0	14.20	47.5	1.2	49.4	0	
2005-Jul-21	3:37								End Tail Slurry
2005-Jul-21	3:37	-18	0.0	14.05	47.5	0.5	49.4	0	
2005-Jul-21	3:37	-18	0.0	14.02	47.5	0.3	49.5	0	
2005-Jul-21	3:37								Reset Total, Vol = 47.48 bbl
2005-Jul-21	3:37								Drop Top Plug
2005-Jul-21	3:37	-18	0.0	13.99	0.0	0.1	0.0	0	
2005-Jul-21	3:37								Start Displacement
2005-Jul-21	3:37	-18	0.0	13.98	0.0	0.1	0.0	0	
2005-Jul-21	3:37	-18	0.0	13.97	0.0	0.0	0.0	0	
2005-Jul-21	3:38	-18	0.0	13.72	0.0	0.0	0.0	0	
2005-Jul-21	3:38	-18	0.0	13.08	0.0	0.0	0.0	0	
2005-Jul-21	3:39	-18	0.0	12.72	0.0	0.0	0.0	0	
2005-Jul-21	3:39	-18	0.0	12.24	0.0	0.0	0.0	0	
2005-Jul-21	3:40	0	0.0	11.90	0.0	0.0	0.0	0	
2005-Jul-21	3:40	32	3.5	8.76	1.4	4.4	1.7	0	
2005-Jul-21	3:41	37	4.4	8.70	3.3	4.6	3.9	0	
2005-Jul-21	3:41	78	6.3	8.33	5.5	5.7	6.2	0	
2005-Jul-21	3:42	32	3.7	8.31	8.2	4.2	9.0	0	
2005-Jul-21	3:42	32	3.7	8.62	10.0	3.8	11.0	0	
2005-Jul-21	3:43	50	4.0	8.38	11.9	3.9	12.9	0	
2005-Jul-21	3:43	55	4.2	8.35	14.0	4.3	15.1	0	
2005-Jul-21	3:44	55	4.2	8.30	16.1	4.3	17.3	0	
2005-Jul-21	3:44	60	4.2	8.30	18.2	4.3	19.5	0	
2005-Jul-21	3:45	69	4.2	8.32	20.3	4.3	21.6	0	
2005-Jul-21	3:45	73	4.2	8.35	22.4	4.2	23.7	0	
2005-Jul-21	3:46	133	6.0	8.44	25.1	6.2	26.4	0	
2005-Jul-21	3:46	133	6.0	8.30	28.1	6.2	29.5	0	
2005-Jul-21	3:47	114	4.9	8.33	30.9	5.1	32.4	0	
2005-Jul-21	3:47	114	5.0	8.32	33.4	5.0	34.9	0	
2005-Jul-21	3:48	137	5.2	8.32	36.0	5.4	37.5	0	
2005-Jul-21	3:48	137	5.2	8.30	38.6	5.4	40.1	0	
2005-Jul-21	3:49	160	5.2	8.31	41.2	5.3	42.8	0	
2005-Jul-21	3:49	156	5.2	8.31	43.8	5.4	45.5	0	
2005-Jul-21	3:50	174	5.2	8.30	46.4	5.4	48.1	0	
2005-Jul-21	3:50	169	5.2	8.30	49.0	5.3	50.8	0	
2005-Jul-21	3:51	197	5.2	8.30	51.7	5.3	53.4	0	
2005-Jul-21	3:51	211	5.2	8.30	54.3	5.3	56.1	0	
2005-Jul-21	3:52	211	5.2	8.30	56.9	5.3	58.8	0	
2005-Jul-21	3:52	215	5.2	8.30	59.5	5.3	61.4	0	
2005-Jul-21	3:53	247	5.8	8.30	62.2	5.8	64.1	0	
2005-Jul-21	3:53	261	5.7	8.30	65.0	5.8	67.0	0	
2005-Jul-21	3:54	275	5.7	8.30	67.8	5.8	69.8	0	

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Well		Field			Service Date		Customer		Job Number
WILLIAMS 'G' #1		PLEASANT P			05202-Jul-21		OXY USA, INC.		2205548225
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	bbbl/min	bbbl	0	
2005-Jul-21	3:54	302	5.7	8.30	70.8	5.8	72.8	0	
2005-Jul-21	3:55	302	5.7	8.30	73.6	5.7	75.7	0	
2005-Jul-21	3:55	316	5.7	8.30	76.4	5.7	78.6	0	
2005-Jul-21	3:56	348	5.6	8.30	79.3	5.7	81.4	0	
2005-Jul-21	3:56	352	5.6	8.30	82.1	5.8	84.3	0	
2005-Jul-21	3:57	366	5.7	8.30	84.9	5.7	87.1	0	
2005-Jul-21	3:57	380	5.7	8.30	87.8	5.8	90.0	0	
2005-Jul-21	3:58	398	5.7	8.30	90.7	5.8	92.9	0	
2005-Jul-21	3:58	426	5.7	8.30	93.5	5.8	95.8	0	
2005-Jul-21	3:59	453	5.8	8.30	96.4	5.8	98.7	0	
2005-Jul-21	3:59	467	5.8	8.30	99.3	5.8	101.6	0	
2005-Jul-21	4:00	494	5.8	8.30	102.1	5.8	104.5	0	
2005-Jul-21	4:00	504	5.8	8.30	105.0	5.9	107.4	0	
2005-Jul-21	4:01	517	5.8	8.30	107.9	5.8	110.3	0	
2005-Jul-21	4:01	536	5.8	8.30	110.8	5.8	113.2	0	
2005-Jul-21	4:02	471	2.4	8.30	113.1	2.5	115.7	0	
2005-Jul-21	4:02	481	2.5	8.30	114.3	2.4	116.9	0	
2005-Jul-21	4:03	485	2.4	8.30	115.5	2.5	118.1	0	
2005-Jul-21	4:03	499	2.4	8.30	116.8	2.5	119.3	0	
2005-Jul-21	4:04	508	2.4	8.30	118.0	2.4	120.6	0	
2005-Jul-21	4:04	513	2.4	8.30	119.2	2.5	121.8	0	
2005-Jul-21	4:05	1030	0.0	8.30	119.6	0.0	122.3	0	
2005-Jul-21	4:05	1039	0.0	8.30	119.6	0.0	122.3	0	
2005-Jul-21	4:06	815	0.0	8.30	119.6	0.0	122.3	0	
2005-Jul-21	4:06								End Displacement
2005-Jul-21	4:06								Bump Top Plug
2005-Jul-21	4:06	742	0.0	8.30	119.6	0.0	122.3	0	
2005-Jul-21	4:06								Reset Total, Vol = 119.61 bbl
2005-Jul-21	4:06	64	0.0	8.30	0.0	0.0	0.0	0	
2005-Jul-21	4:06	-5	0.0	8.30	0.0	0.0	0.0	0	
2005-Jul-21	4:07								End Job
2005-Jul-21	4:07	-5	0.0	8.30	0.0	0.0	0.0	0	
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
5			6	287	0	10			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
			1000						
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp						
%	287 bbl	120.5 bbl	°F						
Customer or Authorized Representative			Schlumberger Supervisor						
Fillpot, Greg			Ahrends, Timothy						
						<input type="checkbox"/> CirculationLost		<input checked="" type="checkbox"/> Job Completed	

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Date	07/21/05
Company	OXY
Job Number	2205548225
Well Name	Williams
Well Number	G 1
County	Haskell
State	KS

Schlumberger

Pipe Size	8 5/8	
Pipe Weight	24	24
Pipe Depth	1933	
Shoe Length	41	
Insert Depth	1892	
Hole Size	12 1/4	
Hole Depth	1929	

1st System	
620 sacks	C
2.18 yield	D132,D20,S1,D29
12.2 weight	
12.3 water	182
cubic ft.	1352
height	3275
bbls	241

Pipe Volume	123
Annular Volume	142
Total Cement	287
Total Water	331

Pipe Factor	0.0637	0.0637
Annular Factor	0.0735	
Height Factor	2.4231	

2nd System	
195 sacks	C
1.34 yield	S1,D29
14.8 weight	
6.3 water	29
cubic ft.	261
height	633
bbls	46.5

Casing lift 794
Cement lift 453

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3rd System	
0 sacks	
0 yield	
0 weight	
0 water	0
cubic ft.	0
height	0
bbls	0

Test 2000

0 Mud

10 Spacer

241 Lead 12.2

47 Tail 14.8

120.5 Displacement

1500 Maximum Pressure

4th System	
sacks	
yield	
weight	
water	0
cubic ft.	0
height	0
bbls	0

Pump time @ 6 BPM

68 MIN

CONFIDENTIAL



Cementing Service Report

Customer OXY USA, INC.						Job Number 2205547154									
Well WILLIAMS 'G' 1			Location (legal) Sec 28-T27S-R34W			Schlumberger Location Perryton, TX			Job Start 2005-Jul-29						
Field PLEASANT P		Formation Name/Type			Deviation °		Bit Size 7.88 in	Well MD 5,675 ft	Well TVD 5,675 ft						
County HASKELL		State/Province KANSAS			BHP psi	BHST 124 °F	BHCT °F	Pore Press. Gradient psi/ft							
Well Master: 0630689976		API / UWI: 15-081-21589			Casing/Liner										
Rig Name MURFIN 20	Drilled For Gas		Service Via Land			Depth, ft 5675	Size, in 5.5	Weight, lb/ft 15.5	Grade	Thread					
Offshore Zone	Well Class New		Well Type Development			Tubing/Drill Pipe									
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity cp	Depth	Size, in	Weight, lb/ft	Grade	Thread							
Service Line Cementing		Job Type Cem Prod Casing			Perforations/Open Hole										
Max. Allowed Tubing Pressure 2000 psi		Max. Allowed Ann. Pressure psi	Wellhead Connection 5 1/2" H&SM			Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft					
Service Instructions CEMENT 5 1/2" PRODUCTION CASING : 20 BBLs CW100 255 SKS 50/50 Poz:H+2%D20+3%M117+ 5 PPS D42+5 PPS D53+0.25 %D112+ 0.25 %D65 + 0.25%D46 DISPLACE W/FRESH WATER 25 SKS 50/50 POZ H + ADDS FOR RAT & MOUSE						Treat Down Casing	Displacement 134 bbl	Packer Type	Packer Depth ft						
						Tubing Vol. bbl	Casing Vol. 135 bbl	Annular Vol. 175 bbl	Open Hole Vol. 310 bbl						
						Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>			Casing Tools			Squeeze Job	
						Lift Pressure: 950 psi		Pipe Rotated <input type="checkbox"/>			Pipe Reciprocated <input checked="" type="checkbox"/>			Shoe Type:	
No. Centralizers:		Top Plugs: 1	Bottom Plugs: 1			Shoe Depth: 5675 ft		Tool Type:		Tool Depth: ft					
Cement Head Type: Single		Job Scheduled For: 2005-Jul-29 9:45			Leave Location: 2005-Jul-29 13:00			Stage Tool Depth: ft		Tail Pipe Size: in					
Job Scheduled For:		Arrived on Location: 2005-Jul-29 9:45			Leave Location: 2005-Jul-29 13:00			Collar Depth: 5632 ft		Tail Pipe Depth: ft					
Collar Depth:		Collar Depth: 5632 ft			Sqz Total Vol: bbl										
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	Flowmeter Rate	Flowmeter Tot	0	Message						
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl/min	bbl	0							
2005-Jul-29	10:51	0	0.0	8.29	0.0	0.0	0.0	0							
2005-Jul-29	10:51								Start Job						
2005-Jul-29	10:57	14	0.0	8.29	0.0	0.0	0.0	0							
2005-Jul-29	10:57	3049	0.0	8.29	0.1	0.1	0.4	0							
2005-Jul-29	10:57	2710	0.0	8.29	0.1	0.0	0.4	0							
2005-Jul-29	10:57								Pressure Test Lines						
2005-Jul-29	10:58	2678	0.0	8.29	0.1	0.0	0.4	0							
2005-Jul-29	10:58	275	0.0	8.29	0.1	0.0	0.4	0							
2005-Jul-29	10:59	27	0.0	8.29	0.1	0.0	0.4	0							
2005-Jul-29	10:59	73	0.5	8.29	0.1	0.5	0.5	0							
2005-Jul-29	11:00	417	5.0	8.30	2.2	5.0	2.3	0							
2005-Jul-29	11:00	444	5.0	8.30	4.7	5.1	4.8	0							
2005-Jul-29	11:01	435	5.1	8.30	7.2	5.1	7.4	0							
2005-Jul-29	11:01	476	5.1	8.30	9.7	5.1	9.9	0							
2005-Jul-29	11:02	449	5.1	8.30	12.3	5.2	12.5	0							
2005-Jul-29	11:02	357	4.3	8.30	14.6	4.4	14.8	0							
2005-Jul-29	11:03	380	4.3	8.31	16.7	4.3	17.0	0							
2005-Jul-29	11:03	366	4.3	8.32	18.9	4.3	19.2	0							
2005-Jul-29	11:04	18	0.0	8.30	20.6	0.3	21.1	0							
2005-Jul-29	11:04	18	0.0	8.30	20.6	0.0	21.1	0							
2005-Jul-29	11:05	18	0.0	8.91	20.6	4.7	22.1	0							
2005-Jul-29	11:05	9	0.0	10.53	20.6	4.9	24.5	0							

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Well		Field			Service Date		Customer		Job Number
WILLIAMS 'G' #1		PLEASANT P			05210-Jul-29		OXY USA, INC.		220547154
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbf/min	lb/gal	bbf	bbf/min	bbf	0	
2005-Jul-29	11:06	9	0.0	11.79	20.6	5.0	27.0	0	
2005-Jul-29	11:06	5	0.0	13.55	20.6	5.0	29.6	0	
2005-Jul-29	11:07	5	0.0	15.03	20.6	5.1	32.1	0	
2005-Jul-29	11:07	5	0.0	15.07	20.6	4.0	34.3	0	
2005-Jul-29	11:08	5	0.0	14.43	20.6	4.1	36.3	0	
2005-Jul-29	11:08	55	0.0	13.76	20.6	3.7	38.4	0	
2005-Jul-29	11:09	50	0.0	13.77	20.6	2.1	39.6	0	
2005-Jul-29	11:09	50	0.0	13.76	20.6	2.1	40.7	0	
2005-Jul-29	11:10	0	0.0	13.77	20.6	0.0	41.4	0	
2005-Jul-29	11:11	5	0.0	13.77	20.6	0.0	41.4	0	
2005-Jul-29	11:12	46	0.0	13.39	20.6	2.0	42.4	0	
2005-Jul-29	11:13	60	0.0	13.40	20.6	2.3	43.4	0	
2005-Jul-29	11:13	60	0.0	13.29	20.6	2.3	44.6	0	
2005-Jul-29	11:14	14	0.0	13.18	20.6	2.5	45.9	0	
2005-Jul-29	11:14	0	0.0	12.99	20.6	0.0	46.0	0	
2005-Jul-29	11:15	5	0.0	11.34	20.6	0.0	46.0	0	
2005-Jul-29	11:15	5	0.0	10.59	20.6	0.0	46.0	0	
2005-Jul-29	11:16	5	0.0	10.00	20.6	0.0	46.0	0	
2005-Jul-29	11:16								Reset Total, Vol = 20.62 bbl
2005-Jul-29	11:16	5	0.0	9.98	20.6	0.0	46.0	0	
2005-Jul-29	11:16								Start Cement Slurry
2005-Jul-29	11:16	5	0.0	9.92	0.0	0.0	0.0	0	
2005-Jul-29	11:16	5	0.0	9.75	0.0	0.0	0.0	0	
2005-Jul-29	11:17	0	0.0	9.65	0.0	0.0	0.0	0	
2005-Jul-29	11:17	9	0.0	9.56	0.0	0.0	0.0	0	
2005-Jul-29	11:18	9	0.0	9.48	0.0	0.0	0.0	0	
2005-Jul-29	11:18	69	3.0	9.51	0.2	0.8	0.2	0	
2005-Jul-29	11:19	197	3.8	10.60	2.2	3.6	1.3	0	
2005-Jul-29	11:19	128	3.6	12.07	4.1	3.0	2.9	0	
2005-Jul-29	11:20	128	3.6	14.41	5.9	2.7	4.4	0	
2005-Jul-29	11:20	101	3.7	13.30	7.7	2.9	5.6	0	
2005-Jul-29	11:21	439	5.5	13.78	9.9	4.5	7.4	0	
2005-Jul-29	11:21	206	6.2	14.10	13.1	5.1	9.9	0	
2005-Jul-29	11:22	238	6.2	13.91	16.2	5.3	12.4	0	
2005-Jul-29	11:22	192	6.3	13.77	19.3	5.4	15.1	0	
2005-Jul-29	11:23	151	6.3	13.68	22.5	5.7	17.9	0	
2005-Jul-29	11:23	124	6.3	13.62	25.6	5.6	20.7	0	
2005-Jul-29	11:24	128	5.6	13.55	28.6	5.7	23.5	0	
2005-Jul-29	11:24	137	5.6	13.59	31.5	5.5	26.3	0	
2005-Jul-29	11:25	124	5.6	13.49	34.3	5.6	29.0	0	
2005-Jul-29	11:25	124	5.6	13.12	37.1	5.5	31.8	0	
2005-Jul-29	11:26	110	5.6	13.40	39.9	5.3	34.5	0	
2005-Jul-29	11:26	73	5.0	13.33	42.7	4.7	37.1	0	
2005-Jul-29	11:27	78	5.0	13.55	45.2	4.5	39.4	0	
2005-Jul-29	11:27	119	5.4	13.68	48.0	5.2	42.0	0	
2005-Jul-29	11:28	114	5.4	13.75	50.7	5.2	44.6	0	
2005-Jul-29	11:28	105	5.4	13.79	53.4	5.2	47.2	0	
2005-Jul-29	11:29	156	6.2	13.85	56.4	6.2	50.1	0	
2005-Jul-29	11:29	169	6.2	13.91	59.5	6.1	53.2	0	
2005-Jul-29	11:30	160	6.2	13.90	62.6	6.1	56.2	0	
2005-Jul-29	11:30	165	6.2	13.90	65.7	6.1	59.3	0	
2005-Jul-29	11:31	156	6.2	13.66	68.8	6.1	62.3	0	
2005-Jul-29	11:31	73	3.0	13.82	71.5	3.9	65.2	0	
2005-Jul-29	11:32	73	3.0	14.48	73.0	3.9	67.2	0	

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Well		Field			Service Date		Customer		Job Number
WILLIAMS 'G' #1		PLEASANT P			05210-Jul-29		OXY USA, INC.		2205547154
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbf/min	lb/gal	bbf	bbf/min	bbf	0	
2005-Jul-29	11:32	73	3.0	14.17	74.5	3.8	69.1	0	
2005-Jul-29	11:33	96	3.0	13.80	76.1	4.5	71.1	0	
2005-Jul-29	11:33	92	3.0	13.80	77.6	4.7	73.4	0	
2005-Jul-29	11:34	-9	0.0	13.14	78.0	0.0	74.2	0	
2005-Jul-29	11:35	0	0.0	13.14	78.0	0.0	74.2	0	
2005-Jul-29	11:35	-5	0.0	13.04	78.0	0.0	74.2	0	
2005-Jul-29	11:36	-5	0.0	11.68	78.0	0.0	74.2	0	
2005-Jul-29	11:36	-5	0.0	10.54	78.0	0.0	74.2	0	
2005-Jul-29	11:37	-5	0.0	10.07	78.0	0.0	74.2	0	
2005-Jul-29	11:37	-5	0.0	9.76	78.0	0.0	74.2	0	
2005-Jul-29	11:38	96	4.3	8.74	78.0	4.2	75.2	0	
2005-Jul-29	11:38	142	5.5	8.56	78.0	5.5	77.8	0	
2005-Jul-29	11:39	137	5.5	8.40	78.0	5.5	80.6	0	
2005-Jul-29	11:39	137	5.5	8.33	78.0	5.5	83.3	0	
2005-Jul-29	11:40	160	5.5	8.41	78.0	5.6	86.1	0	
2005-Jul-29	11:40	146	5.5	7.89	78.0	18.9	91.0	0	
2005-Jul-29	11:41	-23	0.0	8.31	78.0	0.4	93.8	0	
2005-Jul-29	11:41	-18	0.0	8.31	78.0	0.0	93.8	0	
2005-Jul-29	11:42								End Cement Slurry
2005-Jul-29	11:42	-14	0.0	8.31	78.0	0.0	93.8	0	
2005-Jul-29	11:42								Reset Total, Vol = 77.96 bbl
2005-Jul-29	11:42	-14	0.0	8.31	0.0	0.0	0.0	0	
2005-Jul-29	11:42								Start Displacement
2005-Jul-29	11:42								Drop Top Plug
2005-Jul-29	11:42	-14	0.0	8.30	0.0	0.0	0.0	0	
2005-Jul-29	11:43	50	3.1	8.31	0.2	5.3	0.4	0	
2005-Jul-29	11:43	55	4.9	8.30	2.6	5.7	3.3	0	
2005-Jul-29	11:44	55	5.0	8.30	5.1	5.6	6.1	0	
2005-Jul-29	11:44	55	5.0	8.30	7.6	5.6	8.9	0	
2005-Jul-29	11:45	55	5.0	8.30	10.1	5.7	11.7	0	
2005-Jul-29	11:45	55	5.0	8.30	12.5	5.6	14.5	0	
2005-Jul-29	11:46	55	5.0	8.30	15.0	5.6	17.3	0	
2005-Jul-29	11:46	55	5.0	8.30	17.5	6.0	20.2	0	
2005-Jul-29	11:47	55	5.0	8.30	20.0	6.1	23.2	0	
2005-Jul-29	11:47	55	5.0	8.30	22.5	6.0	26.3	0	
2005-Jul-29	11:47	55	5.0	8.30	25.0	6.0	29.3	0	
2005-Jul-29	11:48	55	4.9	8.30	27.5	6.0	32.3	0	
2005-Jul-29	11:49	55	5.0	8.30	30.0	6.1	35.4	0	
2005-Jul-29	11:49	55	5.0	8.30	32.5	5.9	38.4	0	
2005-Jul-29	11:50	55	5.0	8.30	35.0	5.9	41.4	0	
2005-Jul-29	11:50	60	5.0	8.30	37.5	6.1	44.4	0	
2005-Jul-29	11:51	55	5.0	8.30	39.9	6.0	47.4	0	
2005-Jul-29	11:51	55	5.0	8.30	42.4	6.0	50.4	0	
2005-Jul-29	11:52	60	5.0	8.30	44.9	6.1	53.4	0	
2005-Jul-29	11:52	60	5.0	8.30	47.4	6.1	56.4	0	
2005-Jul-29	11:53	55	5.0	8.30	49.9	5.9	59.4	0	
2005-Jul-29	11:53	60	5.0	8.30	52.4	6.1	62.4	0	
2005-Jul-29	11:54	60	5.0	8.30	54.9	6.1	65.5	0	
2005-Jul-29	11:54	55	5.0	8.30	57.4	6.0	68.5	0	
2005-Jul-29	11:55	55	5.0	8.30	59.9	5.9	71.5	0	
2005-Jul-29	11:55	60	5.0	8.30	62.3	6.1	74.5	0	
2005-Jul-29	11:56	55	5.0	8.30	64.8	6.0	77.5	0	
2005-Jul-29	11:56	55	5.0	8.30	67.3	5.9	80.5	0	
2005-Jul-29	11:57	60	5.0	8.30	69.8	6.1	83.5	0	

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Well		Field			Service Date		Customer		Job Number
WILLIAMS 'G' #1		PLEASANT P			05210-Jul-29		OXY USA, INC.		2205547154
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbf/min	lb/gal	bbf	bbf/min	bbf	0	
2005-Jul-29	11:57	60	5.0	8.30	72.3	6.1	86.6	0	
2005-Jul-29	11:58	55	5.0	8.30	74.8	5.9	89.5	0	
2005-Jul-29	11:58	247	5.0	8.30	77.3	5.1	92.1	0	
2005-Jul-29	11:59	105	4.8	8.30	79.7	4.8	94.5	0	
2005-Jul-29	11:59	160	4.8	8.30	82.0	4.8	97.0	0	
2005-Jul-29	12:00	215	4.8	8.30	84.4	4.8	99.4	0	
2005-Jul-29	12:00	233	4.8	8.30	86.8	4.8	101.8	0	
2005-Jul-29	12:01	270	4.8	8.30	89.2	4.8	104.2	0	
2005-Jul-29	12:01	362	4.8	8.30	91.6	4.9	106.6	0	
2005-Jul-29	12:02	403	4.7	8.30	94.0	4.8	109.0	0	
2005-Jul-29	12:02	462	4.8	8.30	96.4	4.8	111.4	0	
2005-Jul-29	12:03	494	4.8	8.30	98.8	4.8	113.8	0	
2005-Jul-29	12:03	554	4.8	8.30	101.1	4.8	116.2	0	
2005-Jul-29	12:04	586	4.8	8.30	103.5	4.8	118.6	0	
2005-Jul-29	12:04	636	4.8	8.30	105.9	4.8	121.0	0	
2005-Jul-29	12:05	714	4.8	8.30	108.3	4.8	123.3	0	
2005-Jul-29	12:05	764	4.8	8.30	110.7	4.8	125.7	0	
2005-Jul-29	12:06	691	3.2	8.30	113.0	4.6	128.1	0	
2005-Jul-29	12:06	719	2.3	8.30	114.3	2.3	129.4	0	
2005-Jul-29	12:07	760	2.3	8.30	115.4	2.3	130.6	0	
2005-Jul-29	12:07	783	2.3	8.30	116.6	2.3	131.7	0	
2005-Jul-29	12:08	792	2.3	8.30	117.7	2.3	132.9	0	
2005-Jul-29	12:08	824	2.3	8.30	118.8	2.3	134.0	0	
2005-Jul-29	12:09	851	2.3	8.30	120.0	2.3	135.2	0	
2005-Jul-29	12:09	851	2.3	8.30	121.2	2.3	136.4	0	
2005-Jul-29	12:10	1382	0.0	8.30	121.8	0.0	137.1	0	
2005-Jul-29	12:10	1414	0.0	8.30	121.8	0.0	137.1	0	
2005-Jul-29	12:11	1337	0.0	8.30	121.8	0.0	137.1	0	
2005-Jul-29	12:11	-9	0.0	8.30	121.8	0.0	137.1	0	
2005-Jul-29	12:12	0	0.0	8.30	121.8	0.0	137.1	0	
2005-Jul-29	12:14								Bump Top Plug
2005-Jul-29	12:14								End Displacement
2005-Jul-29	12:14								Reset Total, Vol = 121.75 bbl
2005-Jul-29	12:14	0	0.0	8.30	0.0	0.0	0.0	0	
2005-Jul-29	12:14								End Job
2005-Jul-29	12:14	5	0.0	8.30	0.0	0.0	0.0	0	
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
5			6	70		20			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
			1500						
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?		Volume			
%	134 bbl	134 bbl	°F	<input type="checkbox"/>	To	ft			
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed	
Fillpot, Gregg			Ahrends, Timothy						

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Date	07/29/05
Company	OXY
Job Number	2205547154
Well Name	Williams
Well Number	G 1
County	Haskell
State	KS

Schlumberger

Pipe Size	5 1/2	
Pipe Weight	15.5	11.6
Pipe Depth	5675	
Shoe Length	43	
Insert Depth	5632	
Hole Size	7 7/8	
Hole Depth	5675	

1st System	
255 sacks	H
1.55 yield	
13.8 weight	
7.1 water	43.1
cubic ft.	395
height	2281
bbls	70.4

310	Pipe Volume	135
	Annular Volume	175
	Total Cement	70
	Total Water	177

Pipe Factor	0.0238	0.01554
Annular Factor	0.0309	
Height Factor	5.7718	

2nd System	
sacks	
yield	
weight	
water	0
cubic ft.	0
height	0
bbls	0

Casing lift 3702
Cement lift 942

3rd System	
sacks	
yield	
weight	
water	0
cubic ft.	0
height	0
bbls	0

Test 3000

0 Mud

20 Chemical Wash

70 Lead 13.8

0 Tail 0

134.0 Displacement

2000 Maximum Pressure

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4th System	
sacks	
yield	
weight	
water	0
cubic ft.	0
height	0
bbls	0

Pump Time @ 5 BPM 41 MIN