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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: ONEOK
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: Marvin T. Harvey, Jr.
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. Pending
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
03/27/06 04/07/06 05/05/06
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 175-22040-00-00
County: Seward
SE - SE - SE Sec 4 Twp. 34 S. R. 33W
330 feet from (S) N (circle one) Line of Section
330 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Graham B Well #: 3
Field Name: Adamson
Producing Formation: Chester/Morrow
Elevation: Ground: 2895 Kelly Bushing: 2906
Total Depth: 6600 Plug Back Total Depth: 6560
Amount of Surface Pipe Set and Cemented at 1698 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ACTI WITHIN 79-07
(Data must be collected from the Reserve Pit)
Chloride content 1400 mg/ ppm Fluid volume 1650 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 07/17/06
Subscribed and sworn to before me this 17 day of July
20 06
Notary Public: Anita Peterson
Date Commission Expires: Oct. 1, 2009

KCC Office Use Only
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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ANITA PETERSON
Notary Public - State of Kansas
My Appt. Expires October 1, 2009

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Side Two

Operator Name: OXY USA Inc. Lease Name: Graham B Well #: 3

Sec. 4 Twp. 34 S. R. 33W East West County: Seward

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Chase Group	2707 199
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Krider	2741 165
List All E. Logs Run:	CBL Microlog	Wabaunsee	3530 -624
Sonic Induction Neutron		Shawnee	3882 -976
Geological Rpt		Heebner	4384 -1478
		Toronto	4405 -1499
		Lansing	4524 -1618
		(See Side Three)	

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	1698	C	585	35/65 Poz + Additives
					C	195	Class C + Additives
Production	7 7/8	5 1/2	17	6300	C	105	35/65 Poz C + Additives
					H	140	50/50 Poz H + Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<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 (Amount and Kind of Material Used)	Depth
8	6120-6132		
6	6111-6120, 6098-6102	Acidize - 90 bbls 17% HCL FE	
4	6030-6043	Acidize-1950 gls 17% FE Acid	
		139,942 gls Delta gel 70QN2, 270120# 20/40 Sand	

TUBING RECORD	Size 2 3/8	Set At 6150	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 05/31/06	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil BBLS 0	Gas Mcf 489	Water Bbls 5	Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, Submit ACO-18)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Chester - 6120-6098

Other (Specify) Morrow-6030-6043

Production Interval:

Side Three

Operator Name: OXY USA Inc. Lease Name: Graham B Well #: 3

Sec. 4 Twp. 34 S. R. 33W East West County: Seward

<u>Name</u>	<u>Top</u>	<u>Datum</u>
Marmaton	5229	-2323
Cherokee	5460	-2554
Atoka	5649	-2743
Morrow	5833	-2927
Lower Morrow Sand	6030	-3124
Chester C	6097	-3191
Base Chester C3	6133	-3227
Chester B	6204	-3298
Chester A	6312	-3406
St. Genevieve	6401	-3495

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Cementing Service Report

Customer OXY RESOURCES CALIFORNIA LLC ORCA						Job Number 2205550965				
Well Graham B-3			Location (legal)			Schlumberger Location Perryton, TX			Job Start 2006-Apr-09	
Field		Formation Name/Type		Deviation		Bit Size 7.88 in	Well MD 6,630 ft	Well TVD 6,630 ft		
County Seward		State/Province Kansas		BHP psi	BHST 146 °F	BHCT 88 °F	Pore Press. Gradient psi/ft			
Well Master: 0630794764		API / UWI:		Casing/Liner						
Rig Name MURFIN 20	Drilled For Oil & Gas		Service Via		Depth, ft 6300	Size, in 5.5	Weight, lb/ft 15.5 17	Grade	Thread	
Offshore Zone	Well Class New	Well Type Exploration		Tubing/Drill Pipe						
Drilling Fluid Type Bentonite		Max. Density 9 lb/gal	Plastic Vt 30	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" PROD CASING WITH: 20 bbls CW100 105 SK 35:65 POZ:CLASS C + 6% D020 + 2% S001 + 0.5 pps D029 80 sx= wellbore, 25 sx= r&m hole=105 sx 140 SK 50/50 POZ:H+2%D20+3%M117+5 pps D42+5 pps D53+0.25%D112+ 0.25%D65+0.25%D46				Treat Down Casing	Displacement bbl	Packer Type	Packer Depth ft			
Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>	Casing Tools	Squeeze Job							
Lift Pressure: 5027 psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Type: Guide	Squeeze Type						
No. Centralizers: 14	Top Plugs: 1	Bottom Plugs:	Shoe Depth: 6617 ft	Tool Type:						
Cement Head Type: Single		Stage Tool Type:	Stage Tool Depth: ft	Tool Depth: ft						
Job Scheduled For:	Arrived on Location: 2006-Apr-09 5:00	Leave Location:	Collar Type: Auto-Fill	Tall Pipe Size: in						
			Collar Depth: 6576 ft	Tall Pipe Depth: ft	Sqz Total Vol: bbl					
Date	Time	Treating Pressure	Flow Rate	Density	CMT STG VOL	CMT VOL	0	0	Message	
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl	0	0		
2006-Apr-09	5:58	95	0.0	8.27	0.0	0.0	0	0		
2006-Apr-09	5:59	0	0.0	8.27	0.0	0.0	0	0		
2006-Apr-09	5:59	0	0.0	8.27	0.0	0.0	0	0		
2006-Apr-09	6:00	0	0.0	8.27	0.0	0.0	0	0		
2006-Apr-09	6:00	0	0.0	8.27	0.0	0.0	0	0		
2006-Apr-09	6:01	0	0.0	8.27	0.0	0.0	0	0		
2006-Apr-09	6:01	0	0.0	8.27	0.0	0.0	0	0		
2006-Apr-09	6:02	0	0.0	8.27	0.0	0.0	0	0		
2006-Apr-09	6:02	0	0.0	8.27	0.0	0.0	0	0		
2006-Apr-09	6:03	0	0.0	8.27	0.0	0.0	0	0		
2006-Apr-09	6:03	0	0.0	8.27	0.0	0.0	0	0		
2006-Apr-09	6:04	0	0.0	8.27	0.0	0.0	0	0		
2006-Apr-09	6:04	60	0.1	8.27	0.4	0.4	0	0		
2006-Apr-09	6:05	174	2.2	8.27	1.1	1.1	0	0		
2006-Apr-09	6:05	50	0.9	8.27	2.1	2.1	0	0		
2006-Apr-09	6:06	27	0.0	8.26	2.1	2.1	0	0		
2006-Apr-09	6:06	9	0.0	8.27	2.1	2.1	0	0		
2006-Apr-09	6:07	9	0.0	8.27	2.1	2.1	0	0		
2006-Apr-09	6:07	9	0.0	8.27	2.1	2.1	0	0		
2006-Apr-09	6:08	3722	0.0	8.26	2.1	2.1	0	0		
2006-Apr-09	6:08	3493	0.0	8.25	2.1	2.1	0	0		
2006-Apr-09	6:09	14	0.0	8.25	2.1	2.1	0	0		

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Well		Field			Service Date		Customer		Job Number
Graham #B-3					0699-Apr-09		OXY RESOURCES CALIFORNIA LLC ORCA		2205550965
Date	Time	Treating Pressure	Flow Rate	Density	CMT STG VOL	CMT VOL	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl	0	0	
2006-Apr-09	6:09	5	0.0	8.25	2.1	2.1	0	0	
2006-Apr-09	6:10	0	0.0	8.25	2.1	2.1	0	0	
2006-Apr-09	6:10								Start Job
2006-Apr-09	6:10	0	0.0	8.25	2.1	2.1	0	0	
2006-Apr-09	6:10								Pressure Test Lines
2006-Apr-09	6:10								Reset Total, Vol = 2.15 bbl
2006-Apr-09	6:10	0	0.0	8.25	2.1	2.1	0	0	
2006-Apr-09	6:10	0	0.0	8.25	0.0	2.1	0	0	
2006-Apr-09	6:10								Start Pumping Wash
2006-Apr-09	6:10	0	0.0	8.26	0.0	0.0	0	0	
2006-Apr-09	6:10	0	0.0	8.26	0.0	0.0	0	0	
2006-Apr-09	6:11	0	0.0	8.26	0.0	0.0	0	0	
2006-Apr-09	6:11	-5	0.0	8.26	0.0	0.0	0	0	
2006-Apr-09	6:12	50	2.0	8.27	0.1	0.1	0	0	
2006-Apr-09	6:12	435	4.9	8.22	0.7	0.7	0	0	
2006-Apr-09	6:13	298	6.0	8.27	3.9	3.9	0	0	
2006-Apr-09	6:13	298	6.1	8.27	6.9	6.9	0	0	
2006-Apr-09	6:14	311	6.2	8.27	9.9	9.9	0	0	
2006-Apr-09	6:14	316	6.4	8.27	13.1	13.1	0	0	
2006-Apr-09	6:15	293	6.5	8.29	16.2	16.2	0	0	
2006-Apr-09	6:15	325	6.5	8.26	19.5	19.5	0	0	
2006-Apr-09	6:16	261	3.2	8.07	20.5	20.5	0	0	
2006-Apr-09	6:16								Reset Total, Vol = 20.56 bbl
2006-Apr-09	6:16	215	2.4	7.74	20.5	20.5	0	0	
2006-Apr-09	6:16								End Wash
2006-Apr-09	6:16								Start Pumping Spacer
2006-Apr-09	6:16	229	4.2	7.44	0.1	20.6	0	0	
2006-Apr-09	6:16	334	6.5	8.17	2.2	23.0	0	0	
2006-Apr-09	6:16								Reset Total, Vol = 5.38 bbl
2006-Apr-09	6:16	87	5.9	8.26	5.4	26.2	0	0	
2006-Apr-09	6:16	60	4.5	8.26	0.1	0.1	0	0	
2006-Apr-09	6:16								End Spacer
2006-Apr-09	6:17	5	0.0	8.26	0.3	0.3	0	0	
2006-Apr-09	6:17								Start filling up rhole and mhole
2006-Apr-09	6:17	0	0.0	8.26	0.3	0.3	0	0	
2006-Apr-09	6:17	-5	0.0	8.26	0.3	0.3	0	0	
2006-Apr-09	6:18	-5	0.0	8.26	0.3	0.3	0	0	
2006-Apr-09	6:18	247	3.0	8.26	0.7	-0.7	0	0	
2006-Apr-09	6:19	5	0.0	8.26	1.8	1.8	0	0	
2006-Apr-09	6:19	5	5.3	8.24	3.5	3.5	0	0	
2006-Apr-09	6:20	0	5.3	8.25	6.1	6.1	0	0	
2006-Apr-09	6:20	0	-5.6	8.25	8.7	8.7	0	0	
2006-Apr-09	6:21	0	4.6	10.90	11.3	11.3	0	0	
2006-Apr-09	6:21	-5	4.2	12.30	13.5	13.5	0	0	
2006-Apr-09	6:22	46	4.4	12.24	15.6	15.6	0	0	
2006-Apr-09	6:22	64	2.7	12.27	17.1	17.1	0	0	
2006-Apr-09	6:23	64	2.7	12.24	18.5	18.5	0	0	
2006-Apr-09	6:23	60	2.7	12.21	19.8	19.8	0	0	
2006-Apr-09	6:24	-5	3.1	11.99	20.2	20.2	0	0	
2006-Apr-09	6:24	-5	-5.4	-9.83	22.8	22.8	0	0	
2006-Apr-09	6:25	-5	4.5	12.80	25.4	25.4	0	0	
2006-Apr-09	6:25	-5	4.3	12.25	27.6	27.6	0	0	
2006-Apr-09	6:26	-5	4.4	12.25	29.8	29.8	0	0	
2006-Apr-09	6:26	73	2.9	12.28	0.7	31.8	0	0	

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Well		Field			Service Date	Customer			Job Number
Graham #B-3					0699-Apr-09	OXY RESOURCES CALIFORNIA LLC ORCA			2205550965
Date	Time	Treating Pressure	Flow Rate	Density	CMT STG VOL	CMT VOL	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl	0	0	
2006-Apr-09	6:27	69	2.8	12.30	2.1	33.1	0	0	
2006-Apr-09	6:27	0	4.6	11.72	3.2	34.2	0	0	
2006-Apr-09	6:28	0	4.4	11.56	5.4	36.4	0	0	
2006-Apr-09	6:28								Reset Total, Vol = 7.55 bbl
2006-Apr-09	6:28	0	4.5	11.56	7.6	38.6	0	0	
2006-Apr-09	6:28	0	4.5	11.56	0.1	38.6	0	0	
2006-Apr-09	6:28								Start Mixing Lead Slurry
2006-Apr-09	6:29	352	4.7	12.20	1.4	40.2	0	0	
2006-Apr-09	6:29	426	7.3	11.63	4.9	43.6	0	0	
2006-Apr-09	6:30	128	6.9	11.23	8.6	47.3	0	0	
2006-Apr-09	6:30	229	4.8	12.18	10.7	49.4	0	0	
2006-Apr-09	6:31	284	6.2	12.53	13.6	52.4	0	0	
2006-Apr-09	6:31	252	6.2	12.32	16.7	55.5	0	0	
2006-Apr-09	6:32	220	6.3	11.70	19.8	58.6	0	0	
2006-Apr-09	6:32	192	6.2	11.76	23.0	61.7	0	0	
2006-Apr-09	6:33	174	6.2	11.60	26.1	64.8	0	0	
2006-Apr-09	6:33	151	6.3	10.81	29.2	67.9	0	0	
2006-Apr-09	6:34	73	4.1	11.62	31.6	70.3	0	0	
2006-Apr-09	6:34								Reset Total, Vol = 32.93 bbl
2006-Apr-09	6:34	124	5.6	12.12	32.9	71.6	0	0	
2006-Apr-09	6:34								Start Mixing Tail Slurry
2006-Apr-09	6:34	124	5.7	12.22	0.2	0.2	0	0	
2006-Apr-09	6:34	64	3.9	12.93	1.3	1.3	0	0	
2006-Apr-09	6:35	201	5.7	13.88	4.0	4.0	0	0	
2006-Apr-09	6:35	183	5.6	13.24	6.9	6.9	0	0	
2006-Apr-09	6:36	192	5.6	13.78	9.8	9.8	0	0	
2006-Apr-09	6:36	201	5.7	13.89	12.6	12.6	0	0	
2006-Apr-09	6:37	188	5.7	13.70	15.4	15.4	0	0	
2006-Apr-09	6:37	188	5.7	13.62	18.2	18.2	0	0	
2006-Apr-09	6:38	256	6.6	13.68	21.3	21.3	0	0	
2006-Apr-09	6:38	261	6.7	13.73	24.7	24.7	0	0	
2006-Apr-09	6:39	266	6.8	13.83	28.1	28.1	0	0	
2006-Apr-09	6:39	211	6.0	13.90	31.1	31.1	0	0	
2006-Apr-09	6:40	92	3.9	13.70	33.8	33.8	0	0	
2006-Apr-09	6:40	87	4.0	13.70	35.8	35.8	0	0	
2006-Apr-09	6:41								Reset Total, Vol = 37.15 bbl
2006-Apr-09	6:41	-9	0.4	13.67	37.1	37.1	0	0	
2006-Apr-09	6:41								End Tail Slurry
2006-Apr-09	6:41	-9	0.2	13.67	0.0	0.0	0	0	
2006-Apr-09	6:41	-14	0.0	13.67	0.0	0.0	0	0	
2006-Apr-09	6:41	-14	0.0	13.67	0.0	0.0	0	0	
2006-Apr-09	6:41								Drop Top Plug
2006-Apr-09	6:41								Start Displacement
2006-Apr-09	6:41	-14	0.0	13.67	0.0	0.0	0	0	
2006-Apr-09	6:41	-14	0.0	13.68	0.0	0.0	0	0	
2006-Apr-09	6:42	-18	4.7	9.50	2.1	2.1	0	0	
2006-Apr-09	6:42	-18	4.6	9.47	4.4	4.4	0	0	
2006-Apr-09	6:43	-9	4.4	9.44	6.4	6.4	0	0	
2006-Apr-09	6:43	-9	4.2	9.41	6.4	6.4	0	0	
2006-Apr-09	6:44	-9	4.3	9.40	6.4	6.4	0	0	
2006-Apr-09	6:44	37	2.0	9.41	6.4	6.4	0	0	
2006-Apr-09	6:45	27	2.3	9.12	6.4	6.4	0	0	
2006-Apr-09	6:45	366	7.3	9.07	6.4	6.4	0	0	
2006-Apr-09	6:46	362	7.4	8.43	6.4	6.4	0	0	

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Well			Field		Service Date		Customer		Job Number
Graham #B-3					0699-Apr-09		OXY RESOURCES CALIFORNIA LLC ORCA		2205550965
Date	Time	Treating Pressure	Flow Rate	Density	CMT STG VOL	CMT VOL	0	0	Message
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	bbbl	0	0	
2006-Apr-09	6:46	357	7.4	8.20	6.4	6.4	0	0	
2006-Apr-09	6:47	325	5.9	7.35	6.4	6.4	0	0	
2006-Apr-09	6:47	316	9.4	8.15	6.4	6.4	0	0	
2006-Apr-09	6:48	9	1.4	8.15	6.4	6.4	0	0	
2006-Apr-09	6:48	-5	0.0	8.26	6.4	6.4	0	0	
2006-Apr-09	6:49	32	0.0	8.26	0.0	6.4	0	0	
2006-Apr-09	6:49	92	6.3	8.26	2.4	8.8	0	0	
2006-Apr-09	6:50	87	6.0	8.26	5.4	11.8	0	0	
2006-Apr-09	6:50	82	6.0	8.27	8.4	14.8	0	0	
2006-Apr-09	6:51	87	6.1	8.27	11.4	17.8	0	0	
2006-Apr-09	6:51	87	6.0	8.26	14.4	20.8	0	0	
2006-Apr-09	6:52	82	6.1	8.26	17.4	23.8	0	0	
2006-Apr-09	6:52	82	6.1	8.26	20.5	26.9	0	0	
2006-Apr-09	6:53	82	6.1	8.26	23.5	29.9	0	0	
2006-Apr-09	6:53	82	6.1	8.26	26.6	33.0	0	0	
2006-Apr-09	6:54	82	6.1	8.26	29.6	36.0	0	0	
2006-Apr-09	6:54	82	6.1	8.26	32.7	39.1	0	0	
2006-Apr-09	6:55	78	6.1	8.26	35.7	42.1	0	0	
2006-Apr-09	6:55	78	6.1	8.26	38.8	45.2	0	0	
2006-Apr-09	6:56	82	6.2	8.26	41.8	48.2	0	0	
2006-Apr-09	6:56	82	6.2	8.26	44.9	51.3	0	0	
2006-Apr-09	6:57	82	6.1	8.26	48.0	54.4	0	0	
2006-Apr-09	6:57	82	6.2	8.26	51.0	57.4	0	0	
2006-Apr-09	6:58	82	6.1	8.26	54.1	60.5	0	0	
2006-Apr-09	6:58	82	6.1	8.26	57.3	63.7	0	0	
2006-Apr-09	6:59	78	6.1	8.26	60.3	66.7	0	0	
2006-Apr-09	6:59	82	6.2	8.26	63.4	69.8	0	0	
2006-Apr-09	7:00	82	6.2	8.26	66.5	72.9	0	0	
2006-Apr-09	7:00	78	6.1	8.26	69.6	75.9	0	0	
2006-Apr-09	7:01	82	6.1	8.26	72.6	79.0	0	0	
2006-Apr-09	7:01	78	6.2	8.26	75.7	82.1	0	0	
2006-Apr-09	7:02	78	6.2	8.26	78.8	85.2	0	0	
2006-Apr-09	7:02	46	5.2	8.27	81.5	87.9	0	0	
2006-Apr-09	7:03	46	5.2	8.26	84.1	90.5	0	0	
2006-Apr-09	7:03	114	5.6	8.26	86.8	93.2	0	0	
2006-Apr-09	7:04	92	6.5	8.27	90.1	96.5	0	0	
2006-Apr-09	7:04	92	6.6	8.27	93.4	99.7	0	0	
2006-Apr-09	7:05	96	6.6	8.26	96.6	103.0	0	0	
2006-Apr-09	7:05	92	6.5	8.26	99.9	106.3	0	0	
2006-Apr-09	7:06	96	6.6	8.26	103.2	109.6	0	0	
2006-Apr-09	7:06	92	6.5	8.26	106.5	112.9	0	0	
2006-Apr-09	7:07	96	6.6	8.26	109.8	116.2	0	0	
2006-Apr-09	7:07	142	6.5	8.26	113.1	119.5	0	0	
2006-Apr-09	7:08	201	6.7	8.26	116.4	122.8	0	0	
2006-Apr-09	7:08	50	3.4	8.27	119.2	125.6	0	0	
2006-Apr-09	7:09	92	3.1	8.26	120.7	127.1	0	0	
2006-Apr-09	7:09	156	4.4	8.26	122.5	128.9	0	0	
2006-Apr-09	7:10	211	4.4	8.26	124.8	131.2	0	0	
2006-Apr-09	7:10	238	4.3	8.26	127.0	133.4	0	0	
2006-Apr-09	7:11	284	4.4	8.26	129.2	135.6	0	0	
2006-Apr-09	7:11	334	4.3	8.26	131.4	137.7	0	0	
2006-Apr-09	7:12	371	4.3	8.26	133.5	139.9	0	0	
2006-Apr-09	7:12	407	4.4	8.26	135.7	142.1	0	0	
2006-Apr-09	7:13	462	4.3	8.26	137.9	144.3	0	0	

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Well		Field			Service Date		Customer		Job Number
Graham #B-3					0699-Apr-09		OXY RESOURCES CALIFORNIA LLC ORCA		2205550965
Date	Time	Treating Pressure	Flow Rate	Density	CMT STG VOL	CMT VOL	0	0	Message
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	bbbl	0	0	
2006-Apr-09	7:13	513	4.4	8.26	140.1	146.5	0	0	
2006-Apr-09	7:14	540	4.4	8.26	142.3	148.7	0	0	
2006-Apr-09	7:14	586	4.3	8.26	144.4	150.8	0	0	
2006-Apr-09	7:15	380	0.5	8.26	146.3	152.7	0	0	
2006-Apr-09	7:15	545	2.4	8.26	147.5	153.9	0	0	
2006-Apr-09	7:16	595	2.7	8.26	148.8	155.2	0	0	
2006-Apr-09	7:16	609	2.7	8.26	150.2	156.5	0	0	
2006-Apr-09	7:17	636	2.7	8.26	151.5	157.9	0	0	
2006-Apr-09	7:17	645	2.7	8.26	152.8	159.2	0	0	
2006-Apr-09	7:18	677	2.6	8.26	154.2	160.5	0	0	
2006-Apr-09	7:18	710	2.7	8.26	155.5	161.9	0	0	
2006-Apr-09	7:19	1323	0.0	8.26	156.0	162.4	0	0	
2006-Apr-09	7:19	1364	0.0	8.26	156.0	162.4	0	0	
2006-Apr-09	7:20	1341	0.0	8.26	156.0	162.4	0	0	
2006-Apr-09	7:20								Reset Total, Vol = 155.99 bbl
2006-Apr-09	7:20	1355	0.0	8.26	156.0	162.4	0	0	
2006-Apr-09	7:20								End Displacement
2006-Apr-09	7:20								Bump Top Plug
2006-Apr-09	7:20	1332	0.0	8.26	156.0	162.4	0	0	
2006-Apr-09	7:20	1277	0.0	8.26	156.0	162.4	0	0	
2006-Apr-09	7:20	-9	0.0	8.26	156.0	162.4	0	0	
2006-Apr-09	7:21	-14	0.0	8.26	156.0	162.4	0	0	

Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
4			6.7	72	20	6	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density	
730		300	1400			8.34 lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input type="checkbox"/> Cement Circulated to Surface? Volume bbl <input type="checkbox"/> Washed Thru Perfs To ft			
%	74 bbl	152 bbl	60 °F				
Customer or Authorized Representative			Schlumberger Supervisor		<input type="checkbox"/> CirculationLost <input checked="" type="checkbox"/> Job Completed		
WILLIMON, WES			Grigoriev, Valeriy				

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Client: Oxy USA
 Well Name: Graham
 Well Number: B 3
 Legal Location:
 County: Seward
 State: KS

Job Number: 2205550965
 Job Type: LS
 Hole Size: 7 7/8
 Casing Size: 5 1/2
 Total Depth: 6606
 DV Tool @

Fluid Systems

Mud:	9 bbl
weight:	9 lb/gal
height	feet

Wash:	20 bbl	CW100
weight:	8.35 lb/gal	volumes: 112 cuft
yield:	cuft/sk	height: 648 feet
mix req:	gal/sk	slurry: 20 bbls
		water: 20 bbls

Lead:	105 sks	35/65 POZ/C + 6%D020 + 2%S001 + 0.25 pps D130
weight:	12 lb/gal	volumes: 242 cuft
yield:	2.3 cuft/sk	height: 1,394 feet
mix req:	13.26 gal/sk	slurry: 43 bbls
		water: 33 bbls
		Thickening Time: hr:min

Tail:	140 sks	50/50 POZ/H + 2%D020 + 3%M117 + 5 pps D042 + 5 pps D053 + 0.2%D112 + 0.25%D065 + 0.25%D046
weight:	13.8 lb/gal	volumes: 217 cuft
yield:	1.55 cuft/sk	height: 1,252 feet
mix req:	7.24 gal/sk	slurry: 39 bbls
		water: 24 bbls
		Thickening Time: hr:min

Displacement:	152.88 bbl	Fresh Water	density	8.33 lb/gal
Total:	152.88 bbl			

Casing Data

O.D.	5.500 inches	CSG vol:	0.0232 bbl/ft	Ann. vol:	0.0309 bbl/ft
I.D.	4.892 inches	OH vol:	0.0602 bbl/ft		5.7715 ft/cuft
Csg Wt:	Feet	volume	Shoe Joint Length		
0.023	17	6617.00	153.51 bbls.	Csg:	41.00 feet
0.077	36		0.00 bbls.	Shoe:	feet
0.077	36		0.00 bbls.	Collar:	feet

Volumes

Total Depth	6606 feet	11.00 Above Floor	Open Hole	397.97 bbls.
Total Pipe	6617 feet	153.51 bbls.	Annulus	204.19 bbls.
Shoe Joint	41 feet	0.95 bbls.	Total Water	276 bbls needed
Float Collar@	6576 feet	152.88 bbls.		
Post Job Info				
TOC LEAD	3,971 ft	Final Diff. Pressure	psi	
TOC TAIL	5,365 ft	Bump Top Plug to	psi @ approx.	hours
Excess	75 %			

Casing Wt (Air)	112,489 lbs.	Casing Area ID	18.7959 sq in.
Hyd PSI(Annulus)	3,627 psi	Hyd PSI(Casing)	2,878 psi
Csg Cross Sect.	4.9624 sq in.	#VALUE!	2,878
Bouyancy	17,998 lbs.	Casing Lift Pressure	5,027 psi
Hook Load	94,491 lbs.	Differential Lift Pressure	749 psi

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Pressure Test= 2000 psi
Top Pressure = 1500 psi

20 bbl CW100

5 bbl Water Spacer

Shut down. Pump 8 bbl
to rat hole and mouse hole

35 bbl ~~Tail~~ ^{lead} Slurry @ 12.0 ppg

39 bbl Tail Slurry @ 13.8 ppg

SDDP Wash lines

153 bbl Fresh Water Displacement

Bump Plug @ 1500 psi

Differential P = 749 psi

Lift Pressure = 5027 psi

Total Water Needed= 276 bbl

0-10
0-10
0-10

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Cementing Service Report

Customer OXY RESOURCE CALIFORNIA LLC						Job Number 2205550632				
Well Graham B-3			Location (legal)			Schlumberger Location Perryton, TX			Job Start 2006-Mar-28	
Field		Formation Name/Type		Deviation °		Bit Size 12.3 in	Well MD 1,698 ft		Well TVD 1,698 ft	
County Seward		State/Province Kansas		BHP psi	BHST 98 °F	BHCT °F	Pore Press. Gradient psi/ft			
Well Master: 0630794764		API / UWI:		Casing/Liner						
Rig Name MURFIN 20	Drilled For Oil & Gas		Service Via		Depth, ft 1698.8	Size, in 8.63	Weight, lb/ft 24	Grade	Thread 8RD	
Offshore Zone	Well Class New		Well Type Exploration		Tubing/Drill Pipe					
Drilling Fluid Type		Max. Density 9.5 lb/gal	Plastic Vt: cp		Depth,	Size, in	Weight, lb/ft	Grade	Thread	
Service Line Cementing		Job Type Cem Surface Casing				Perforations/Open Hole				
Max. Allowed Tubing Pressure 1000 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 1750 ft of 8 5/8 Casing with: 585 SK 35:65 POZ:CLASS C + 6% D020 + 2% S001 + 0.25 pps D130 195 SK CLASS C + 2% S001 + 0.125 pps D130 Displace with FreshWater					Diameter in	Treat Down Casing	Displacement 105.5 bbl	Packer Type	Packer Depth ft	
Casing/Tubing Secured <input checked="" type="checkbox"/> 1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>					Casing Tools			Squeeze Job		
Lift Pressure: 450 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Guide		Squeeze Type		
No. Centralizers:		Top Plugs: 1	Bottom Plugs:		Shoe Depth: 1698 ft		Tool Type:			
Cement Head Type: Single					Stage Tool Type:		Tool Depth: ft			
Job Scheduled For: 3/28/2006		Arrived on Location: 2006-Mar-28 17:00		Leave Location: 2006-Mar-28 22:15		Stage Tool Depth: ft		Tail Pipe Size: in		ft
					Collar Type: Auto-Fill		Tail Pipe Depth: ft		ft	
					Collar Depth: 1655 ft		Sqz Total Vol: bbl		bbl	
Date	Time	Treating Pressure psi	Density lb/gal	Triplex Rate bbl/min	Triplex Volume bbl	0	0	0	Message	
2006-Mar-28	19:51	0	8.27	0.0	0.0	0	0	0		
2006-Mar-28	19:51	0	8.27	0.0	0.0	0	0	0		
2006-Mar-28	19:51								Pressure Test Lines	
2006-Mar-28	19:51	0	8.27	0.0	0.0	0	0	0	KCC	
2006-Mar-28	19:52	0	8.27	0.0	0.0	0	0	0	JUL 17 2006	
2006-Mar-28	19:52	0	8.27	0.0	0.0	0	0	0	CONFIDENTIAL	
2006-Mar-28	19:53	64	8.27	0.0	0.0	0	0	0		
2006-Mar-28	19:53	11	8.25	0.0	0.0	0	0	0		
2006-Mar-28	19:54	9	8.25	0.0	0.0	0	0	0		
2006-Mar-28	19:54	3504	8.25	0.0	0.0	0	0	0		
2006-Mar-28	19:55	3724	8.25	0.0	0.0	0	0	0		
2006-Mar-28	19:55	9	8.25	0.0	0.0	0	0	0	RECEIVED	
2006-Mar-28	19:56	60	8.25	0.0	0.0	0	0	0	JUL 20 2006	
2006-Mar-28	19:56	96	8.25	4.3	0.3	0	0	0	KCC WICHITA	
2006-Mar-28	19:57	117	8.25	5.2	3.0	0	0	0		
2006-Mar-28	19:57	117	8.25	5.2	5.7	0	0	0		
2006-Mar-28	19:58	117	8.23	5.3	8.3	0	0	0		
2006-Mar-28	19:58	121	8.93	5.3	10.7	0	0	0		
2006-Mar-28	19:58								Reset Total, Vol = 10.66 bbl	
2006-Mar-28	19:58	123	9.21	5.3	0.3	0	0	0		
2006-Mar-28	19:58								Start Mixing Lead Slurry	
2006-Mar-28	19:59	142	11.40	5.3	2.8	0	0	0		

Well		Field			Service Date		Customer			Job Number
Graham #B-3					0687-Mar-28		OXY RESOURCE CALIFORNIA LLC			2205550632
Date	Time	Treating Pressure	Density	Triplex Rate	Triplex Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0		
2006-Mar-28	19:59	158	12.50	5.3	5.5	0	0	0		
2006-Mar-28	20:00	134	12.61	5.4	8.2	0	0	0		
2006-Mar-28	20:00	167	12.76	5.9	11.1	0	0	0		
2006-Mar-28	20:01	153	12.51	5.8	14.0	0	0	0		
2006-Mar-28	20:01	142	12.34	5.9	16.9	0	0	0		
2006-Mar-28	20:02	133	11.90	5.9	19.9	0	0	0		
2006-Mar-28	20:02	127	12.59	5.9	22.8	0	0	0		
2006-Mar-28	20:03	128	12.02	5.9	25.8	0	0	0		
2006-Mar-28	20:03	120	12.02	5.9	28.7	0	0	0		
2006-Mar-28	20:04	116	12.01	6.0	31.7	0	0	0		
2006-Mar-28	20:04	116	11.90	6.0	34.7	0	0	0		
2006-Mar-28	20:05	120	12.15	6.0	37.7	0	0	0		
2006-Mar-28	20:05	126	12.02	6.0	40.7	0	0	0		
2006-Mar-28	20:06	128	12.21	6.0	43.6	0	0	0		
2006-Mar-28	20:06	148	12.39	6.0	46.6	0	0	0		
2006-Mar-28	20:07	125	12.16	6.0	49.6	0	0	0		
2006-Mar-28	20:07	133	12.38	6.0	52.7	0	0	0		
2006-Mar-28	20:08	132	12.40	6.0	55.7	0	0	0		
2006-Mar-28	20:08	130	12.06	6.0	58.7	0	0	0		
2006-Mar-28	20:09	125	11.97	6.1	61.7	0	0	0		
2006-Mar-28	20:09	124	12.11	6.0	64.7	0	0	0		
2006-Mar-28	20:10	127	12.18	6.0	67.7	0	0	0		
2006-Mar-28	20:10	126	12.15	6.0	70.8	0	0	0		
2006-Mar-28	20:11	125	12.11	6.1	73.8	0	0	0		
2006-Mar-28	20:11	123	12.05	6.1	76.8	0	0	0		
2006-Mar-28	20:12	123	12.19	6.1	79.8	0	0	0		
2006-Mar-28	20:12	124	12.06	6.1	82.9	0	0	0		
2006-Mar-28	20:13	118	12.18	6.1	85.9	0	0	0		
2006-Mar-28	20:13	119	11.94	6.1	89.0	0	0	0		
2006-Mar-28	20:14	106	11.27	6.1	92.0	0	0	0		
2006-Mar-28	20:14	86	12.66	4.8	94.8	0	0	0		
2006-Mar-28	20:15	128	12.53	6.5	97.7	0	0	0		
2006-Mar-28	20:15	171	12.52	6.6	101.0	0	0	0		
2006-Mar-28	20:16	171	12.61	6.6	104.3	0	0	0		
2006-Mar-28	20:16	129	12.38	5.8	107.3	0	0	0		
2006-Mar-28	20:17	126	12.29	5.8	110.2	0	0	0		
2006-Mar-28	20:17	124	12.24	5.8	113.1	0	0	0		
2006-Mar-28	20:18	72	12.51	3.0	114.9	0	0	0		
2006-Mar-28	20:18	188	12.13	7.5	116.9	0	0	0		
2006-Mar-28	20:19	119	11.68	5.9	119.9	0	0	0		
2006-Mar-28	20:19	129	12.43	5.9	122.8	0	0	0		
2006-Mar-28	20:20	132	12.54	5.9	125.7	0	0	0		
2006-Mar-28	20:20	132	12.51	5.9	128.7	0	0	0		
2006-Mar-28	20:21	129	12.43	5.9	131.6	0	0	0		
2006-Mar-28	20:21	130	12.21	5.9	134.6	0	0	0		
2006-Mar-28	20:22	122	12.05	5.9	137.5	0	0	0		
2006-Mar-28	20:22	130	12.43	5.9	140.5	0	0	0		
2006-Mar-28	20:23	129	12.18	5.9	143.4	0	0	0		
2006-Mar-28	20:23	121	11.75	5.9	146.3	0	0	0		
2006-Mar-28	20:24	124	11.92	5.9	149.3	0	0	0		
2006-Mar-28	20:24	108	10.17	5.9	152.2	0	0	0		
2006-Mar-28	20:25	85	13.06	4.8	154.9	0	0	0		
2006-Mar-28	20:25	118	12.29	5.9	157.5	0	0	0		
2006-Mar-28	20:26	137	12.34	6.1	160.6	0	0	0		

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Well		Field		Service Date		Customer			Job Number
Graham #B-3				0687-Mar-28		OXY RESOURCE CALIFORNIA LLC			2205550632
Date	Time	Treating Pressure	Density	Triplex Rate	Triplex Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	
2006-Mar-28	20:26	137	12.40	6.1	163.6	0	0	0	
2006-Mar-28	20:27	136	12.11	6.1	166.7	0	0	0	
2006-Mar-28	20:27	126	11.95	6.1	169.7	0	0	0	
2006-Mar-28	20:28	133	12.08	6.1	172.7	0	0	0	
2006-Mar-28	20:28	132	12.25	6.1	175.8	0	0	0	
2006-Mar-28	20:29	135	11.91	6.1	178.8	0	0	0	
2006-Mar-28	20:29	131	12.09	6.1	181.8	0	0	0	
2006-Mar-28	20:30	132	12.21	6.1	184.9	0	0	0	
2006-Mar-28	20:30	136	12.27	6.1	187.9	0	0	0	
2006-Mar-28	20:31	135	12.29	6.1	190.9	0	0	0	
2006-Mar-28	20:31	137	12.35	6.1	194.0	0	0	0	
2006-Mar-28	20:32	136	12.23	6.1	197.0	0	0	0	
2006-Mar-28	20:32	134	12.13	6.1	200.0	0	0	0	
2006-Mar-28	20:33	136	12.11	6.1	203.1	0	0	0	
2006-Mar-28	20:33	135	12.10	6.1	206.1	0	0	0	
2006-Mar-28	20:34	135	12.08	6.1	209.2	0	0	0	
2006-Mar-28	20:34	137	12.07	6.1	212.2	0	0	0	
2006-Mar-28	20:35	137	12.07	6.1	215.2	0	0	0	
2006-Mar-28	20:35	136	11.74	6.1	218.3	0	0	0	
2006-Mar-28	20:36	133	11.89	6.1	221.3	0	0	0	
2006-Mar-28	20:36	139	12.37	6.1	223.4	0	0	0	
2006-Mar-28	20:36								Reset Total, Vol = 223.37 bbl
2006-Mar-28	20:36	139	12.44	6.1	0.1	0	0	0	
2006-Mar-28	20:36								Start Mixing Tail Slurry
2006-Mar-28	20:36	145	13.17	6.1	1.0	0	0	0	
2006-Mar-28	20:37	76	13.08	4.2	3.5	0	0	0	
2006-Mar-28	20:37	93	14.87	4.2	5.6	0	0	0	
2006-Mar-28	20:38	75	13.85	3.1	7.4	0	0	0	
2006-Mar-28	20:38	78	14.52	3.1	8.9	0	0	0	
2006-Mar-28	20:39	133	14.51	5.1	10.7	0	0	0	
2006-Mar-28	20:39	129	14.65	5.0	13.2	0	0	0	
2006-Mar-28	20:40	132	14.65	5.0	15.7	0	0	0	
2006-Mar-28	20:40	130	14.75	5.0	18.2	0	0	0	
2006-Mar-28	20:41	164	14.77	6.2	20.8	0	0	0	
2006-Mar-28	20:41	180	14.75	5.9	23.8	0	0	0	
2006-Mar-28	20:42	180	14.72	6.0	26.8	0	0	0	
2006-Mar-28	20:42	181	14.72	5.9	29.8	0	0	0	
2006-Mar-28	20:43	180	14.69	6.0	32.7	0	0	0	
2006-Mar-28	20:43	178	14.65	6.0	35.7	0	0	0	
2006-Mar-28	20:44	172	14.57	6.0	38.7	0	0	0	
2006-Mar-28	20:44	181	14.92	5.9	41.7	0	0	0	
2006-Mar-28	20:45	181	14.64	6.0	44.6	0	0	0	
2006-Mar-28	20:45	95	15.11	3.0	46.5	0	0	0	
2006-Mar-28	20:45								Reset Total, Vol = 47.07 bbl
2006-Mar-28	20:45	0	13.80	0.0	47.1	0	0	0	
2006-Mar-28	20:46	0	12.88	0.0	0.0	0	0	0	
2006-Mar-28	20:46								Drop Top Plug
2006-Mar-28	20:46								Start Displacement
2006-Mar-28	20:46	0	12.99	0.0	0.0	0	0	0	
2006-Mar-28	20:46	0	14.62	0.0	0.0	0	0	0	
2006-Mar-28	20:46	0	1.03	0.0	0.0	0	0	0	
2006-Mar-28	20:47	-5	0.99	0.0	0.0	0	0	0	
2006-Mar-28	20:47	-5	0.99	0.0	0.0	0	0	0	
2006-Mar-28	20:48	0	13.49	0.0	0.0	0	0	0	

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Well		Field				Service Date		Customer		Job Number
Graham #B-3						0687-Mar-28		OXY RESOURCE CALIFORNIA LLC		2205550632
Date	Time	Treating Pressure	Density	Triplex Rate	Triplex Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0		
2006-Mar-28	20:48	84	8.41	7.9	0.9	0	0	0		
2006-Mar-28	20:49	92	8.31	6.1	3.7	0	0	0		
2006-Mar-28	20:49	60	8.25	6.3	6.9	0	0	0		
2006-Mar-28	20:50	61	8.42	6.3	10.1	0	0	0		
2006-Mar-28	20:50	68	8.44	6.3	13.2	0	0	0		
2006-Mar-28	20:51	80	7.72	6.3	16.4	0	0	0		
2006-Mar-28	20:51	91	8.28	6.4	19.6	0	0	0		
2006-Mar-28	20:52	104	8.16	6.4	22.8	0	0	0		
2006-Mar-28	20:52	112	8.25	6.4	26.0	0	0	0		
2006-Mar-28	20:53	123	8.27	6.4	29.2	0	0	0		
2006-Mar-28	20:53	134	8.27	6.5	32.4	0	0	0		
2006-Mar-28	20:54	144	8.25	6.4	35.6	0	0	0		
2006-Mar-28	20:54	154	8.27	6.4	38.8	0	0	0		
2006-Mar-28	20:55	164	8.27	6.5	42.0	0	0	0		
2006-Mar-28	20:55	176	8.25	6.5	45.3	0	0	0		
2006-Mar-28	20:56	188	8.26	6.5	48.5	0	0	0		
2006-Mar-28	20:56	203	8.27	6.5	51.7	0	0	0		
2006-Mar-28	20:57	219	8.25	6.5	55.0	0	0	0		
2006-Mar-28	20:57	237	8.27	6.5	58.2	0	0	0		
2006-Mar-28	20:58	256	8.25	6.6	61.5	0	0	0		
2006-Mar-28	20:58	274	8.25	6.5	64.7	0	0	0		
2006-Mar-28	20:59	296	8.25	6.6	68.0	0	0	0		
2006-Mar-28	20:59	320	8.25	6.6	71.3	0	0	0		
2006-Mar-28	21:00	341	8.27	6.6	74.6	0	0	0		
2006-Mar-28	21:00	365	8.27	6.6	77.9	0	0	0		
2006-Mar-28	21:01	387	8.26	6.6	81.2	0	0	0		
2006-Mar-28	21:01	409	8.25	6.6	84.5	0	0	0		
2006-Mar-28	21:02	433	8.25	6.7	87.9	0	0	0		
2006-Mar-28	21:02	455	8.25	6.7	91.2	0	0	0		
2006-Mar-28	21:03	372	8.25	3.0	93.4	0	0	0		
2006-Mar-28	21:03	381	8.25	2.7	94.8	0	0	0		
2006-Mar-28	21:04	390	8.25	2.7	96.1	0	0	0		
2006-Mar-28	21:04	396	8.25	2.7	97.5	0	0	0		
2006-Mar-28	21:05	405	8.25	2.7	98.8	0	0	0		
2006-Mar-28	21:05	416	8.25	2.7	100.2	0	0	0		
2006-Mar-28	21:06	426	8.25	2.7	101.5	0	0	0		
2006-Mar-28	21:06	435	8.25	2.7	102.8	0	0	0		
2006-Mar-28	21:07	443	8.25	2.7	104.2	0	0	0		
2006-Mar-28	21:07	897	8.25	0.0	104.8	0	0	0		
2006-Mar-28	21:08	888	8.25	0.0	104.8	0	0	0		
2006-Mar-28	21:08	888	8.25	0.0	104.8	0	0	0		
2006-Mar-28	21:08								Bump Top Plug	
2006-Mar-28	21:08	888	8.25	0.0	104.8	0	0	0		
2006-Mar-28	21:09	890	8.25	0.0	104.8	0	0	0		
2006-Mar-28	21:09	893	8.25	0.0	104.8	0	0	0		
2006-Mar-28	21:10	893	8.25	0.0	104.8	0	0	0		
2006-Mar-28	21:10	-5	8.25	0.0	104.8	0	0	0		
2006-Mar-28	21:11	5	8.25	0.0	104.8	0	0	0		
2006-Mar-28	21:11	5	8.25	0.0	104.8	0	0	0		
2006-Mar-28	21:12	5	8.25	0.0	104.8	0	0	0		
2006-Mar-28	21:12	5	8.25	0.0	104.8	0	0	0		
2006-Mar-28	21:12								Reset Total, Vol = 106 bbl	
2006-Mar-28	21:12								Float Holding	
2006-Mar-28	21:12	0	8.25	0.0	0.0	0	0	0		

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Well		Field		Service Date		Customer		Job Number	
Graham #B-3				0687-Mar-28		OXY RESOURCE CALIFORNIA LLC		2205550632	
Date	Time	Treating Pressure	Density	Triplex Rate	Triplex Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	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			6.5	270		10			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
450		150	800		bbl	8.34 lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	50	bbl		
%	274 bbl	106 bbl	°F	<input type="checkbox"/> Washed Thru Perfs	To	ft			
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> Circulation Lost			
Willimon, Wes			Ousley, John			<input checked="" type="checkbox"/> Job Completed			

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