

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

September 1999

CONFIDENTIAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL
Form Must Be Typed

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: NA
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200

Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: Tom Heflin

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

If Workover/Re-entry: Old Well Info as follows:
Operator: OXY USA, Inc.
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. E-27,836
08/12/03 08/17/03 10/08/03
Spud Date or _____ Date Reached TD _____ Completion Date or
Recompletion Date _____ Recompletion Date _____

API No. 15 - 055-21806-00-00
County: Finney
N/2 - NE - SE - NE Sec 22 Twp. 23 S. R. 34W
1400 ~~3933~~ feet from S (circle one) Line of Section
320 ~~471~~ feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Sequoyah Morrow Unit Well #: 316W
Field Name: Sequoyah Morrow Unit
Producing Formation: Morrow
Elevation: Ground: 2941 Kelly Bushing: 2952
Total Depth: 4900 Plug Back Total Depth: 4837
Amount of Surface Pipe Set and Cemented at 1945 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 ALT I W HM 2-7-07
(Data must be collected from the Reserve Pit)
Chloride content 1300 ppm Fluid volume 1400 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 December 3, 2003
Subscribed and sworn to before me this 3rd day of December
20 03
Notary Public: Kath R Poulton
Date Commission Expires: November 8, 2006

KCC Office Use Only
 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: Sequoyah Morrow Unit Well #: 316W

Sec. 22 Twp. 23 S. R. 34W East West County: Finney

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: Sonic Induction Microlog Neutron Geological Report	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Winfield</td> <td>2521</td> <td>-431</td> </tr> <tr> <td>Council Grove</td> <td>2745</td> <td>-207</td> </tr> <tr> <td>Heebner</td> <td>3770</td> <td>818</td> </tr> <tr> <td>Lansing</td> <td>3822</td> <td>870</td> </tr> <tr> <td>Marmaton</td> <td>4307</td> <td>1355</td> </tr> <tr> <td>Cherokee</td> <td>4435</td> <td>1483</td> </tr> <tr> <td>Morrow</td> <td>4637</td> <td>1685</td> </tr> <tr> <td>St. Louis</td> <td>4710</td> <td>1758</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Winfield	2521	-431	Council Grove	2745	-207	Heebner	3770	818	Lansing	3822	870	Marmaton	4307	1355	Cherokee	4435	1483	Morrow	4637	1685	St. Louis	4710	1758
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St. Louis	4710	1758																													

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	1945	C	615	See Attach Cmt Tkt for Additives
Production	7 7/8	5 1/2	15.5	4880	C	150	See Attach Cmt Tkt for 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
4	4666-4707	Acidize - 72 bbls 7.5% FE-MCA	
		Frac - 600 bbls 30# Liner Gel, 31000# 12/20 Sand	

TUBING RECORD	Size 2 3/8	Set At 4649	Packer At 4649	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 11/24/03		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) <i>Injection Well</i>		
Estimated Production Per 24 Hours	Oil BBLs na	Gas Mof na	Water Bbls na	Gas-Oil Ratio 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) _____

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ORIGINAL

Schlumberger

Service Order

2003-Aug-18

Customer OXY USA, INC.		Person Taking Call Lingo, Monty		Dowell Location Perryton, TX		OrderDate 2003-Aug-18		Job Number 2205543719			
Well Name and Number SMU 3-16			Legal Location		Field		County Finney		State/Province KS		
Well Master: 0630370920			API / UWI:						KCC		
Rig Name			Well Age New		Sales Engineer Lingo, Monty			Job Type Cem Prod Casing			
Time Well Ready:		Deviation 0		Bit Size 7.8 in		Well MD 5,580 ft		Well TVD 5,580 ft		BHP 2000 psi	
								BHST 125 °F		BHCT 120 °F	
Treat Down Casing		Packer Type None		Packer Depth 0 ft		WellHead Connection 4 1/2 HS&M		HHP on Location		Max Allowed Pressure 2000	
Casing						Services Instructions:					
Depth, ft		Size, in		Weight, lb/ft		Grade		Thread			
5580		4.5-5.5		9.5-15.5							
4880											
Tubing						Extra Equipment:					
Depth,		Size, in		Weight, lb/ft		Grade		Thread			
Perforated Intervals						1 ABT 1 PUMP 1 CEMCAT					
Top, ft		Bottom, ft		spf		No. of Shots		Total Interval ft			
								Diameter in			
Expected On Location:						Ready To Pump:					

DEC 4 3 2003

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RECEIVED
DEC 04 2003
KCC WICHITA

Contact	Voice	Mobile	FAX	Notes
GREG FILLPOT		1620-3-8669		

Notes:
1 TOP PLUG AND 1 BOTTOM PLUG (CUSTOMER WILL SUPPLY THE REST OF THE FLOAT EQUIPMENT)

Directions:
GARDEN CITY== TAKE LOOP ROAD TO JCT OF HWY 83 & HWY 50=====WEST ON 50 TO HOLCOMB ROAD===== 2 WEST ON HWY 50 (TO RIETCHEL RD) ===== 2.7 NORTH (ON RIETCHEL RD) === WEST INTO LOC.

Other Notes:
FOLLOW ALL CONVOY POLICIES AND BE SAFE!!!!

11/11/03

Comments:

Fluid Systems:

CEMENT			
175 SACKS 50:50 POZ H+2%D20+5 PPS D42+5 PPS D53+0.25%D059+0.25%D65+3%KCL+0.2%D46			
Density:	13.8 lb/gal	Thickening Time:	
Yield:	1.55 ft ³ /sk		
H2O Mix:	7.1 gal/sk		
H2O:	1242.5 gal	Eq. Sack Weight:	86.5 lb
		Total Blend:	175 sacks
Dowell Code	Concl/ Amount	Total Quantity	
D046	0.173 lbs/sk	30.275	
M117	2.595 lbs/sk	454.125	
D065	0.216 lbs/sk	37.8	
D059	0.216 lbs/sk	37.8	
D053	5 lbs/sk	875	
D042	5 lbs/sk	875	
D020	1.73 lbs/sk	302.75	
POZ	39.5 lbs/sk	6912.5	
CLASS H	47 lbs/sk	8225	

SPACER			
20 BBLS CW100			
Density:	lb/gal	Thickening Time:	
Yield:	ft ³ /sk		
H2O Mix:	0 gal/sk		
H2O:	0 gal	Eq. Sack Weight:	0 lb
		Total Blend:	0 sacks
Dowell Code	Concl/ Amount	Total Quantity	
D122A	10 gal	10	
J237A	5 gal	5	

Customer OXY USA, INC.	KCC	Job Number 2205543719
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Well SMU 3-16	Location (legal) SEC 03 21 2	Schlumberger Location Perryton, TX	Job Start 2003-Aug-19
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Field	Formation Name/Type	Deviation	Bit Size 7.8 in	Well MD 4,900 ft	Well TVD 4,900 ft
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County Finney	State/Province KS	BHST 2000 psi	BHCT 125 °F	BHCT 120 °F	Pore Press. Gradient psi/ft
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Well Master: 0630370920	API / UWI:	Casing/Liner					
Rig Name	Drilled For Oil & Gas	Service Via Land	Depth, ft 4880	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 Vi: 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 HSM	Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft

Service Instructions CEMENT 5 1/2 IN PRODUCTION CASING WITH: 20 BBLs CW 100 CEMENT: 150 SACKS 50:50 POZ H +2%D20+5 PPS D42+5 PPS D53+0.25%D59+0.25%D65+3%M117+0.2%D46 25 SKS 50/50 POZ + ADDS FOR RAT/MOUSE HOLE							
Treat Down Casing	Displacement 115.1 bbl	Packer Type None	Packer Depth 0 ft				
Tubing Vol. bbl	Casing Vol. 116 bbl	Annular Vol. 151 bbl	OpenHole Vol 267 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: 500 psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input checked="" type="checkbox"/>	Shoe Type:	Squeeze Type	

No. Centralizers:	Top Plugs: 1	Bottom Plugs: 1	Shoe Depth: ft	Tool Type:
Cement Head Type: Single	Stage Tool Type:	Tool Depth: ft	Stage Tool Depth: ft	Tail Pipe Size: in

Job Scheduled For: 8/19/2003 8:30	Arrived on Location: 2003-Aug-19 9:00	Leave Location: 2003-Aug-19 14:00	Collar Type:	Tail Pipe Depth: ft
			Collar Depth: ft	Sqz Total Vol: bbl

Date	Time	Treating Pressure psi	Flow Rate bbl/min	Volume bbl	CMT DENS lb/gal	0	0	0	Message
2003-Aug-19	11:44	0	0.0	0.0	8.37	0	0	0	
2003-Aug-19	11:44	-5	0.0	0.0	8.37	0	0	0	
2003-Aug-19	11:44								PUMPING RAT AND MOUSE HOLE W/ CEMENT
2003-Aug-19	11:44	-5	0.0	0.0	8.34	0	0	0	
2003-Aug-19	11:44	-5	0.0	0.0	8.11	0	0	0	
2003-Aug-19	11:44								Start Cement Slurry
2003-Aug-19	11:45	-5	0.0	0.0	8.07	0	0	0	
2003-Aug-19	11:45	0	0.0	0.0	8.33	0	0	0	
2003-Aug-19	11:46	5	0.0	0.0	7.48	0	0	0	
2003-Aug-19	11:46	5	0.0	0.0	7.86	0	0	0	
2003-Aug-19	11:47	5	0.0	0.0	8.43	0	0	0	
2003-Aug-19	11:47	5	0.0	0.0	10.57	0	0	0	
2003-Aug-19	11:48	5	0.0	0.0	11.89	0	0	0	
2003-Aug-19	11:48	5	0.0	0.0	13.17	0	0	0	
2003-Aug-19	11:49	5	0.0	0.0	13.24	0	0	0	
2003-Aug-19	11:49	110	0.7	0.3	13.48	0	0	0	
2003-Aug-19	11:50	14	0.7	0.7	13.51	0	0	0	
2003-Aug-19	11:50	9	0.8	1.1	13.08	0	0	0	
2003-Aug-19	11:51	14	0.0	1.5	8.52	0	0	0	
2003-Aug-19	11:51	9	0.0	1.5	8.38	0	0	0	
2003-Aug-19	11:52	0	0.0	1.5	8.78	0	0	0	

Well		Field			Service Date		Customer		Job Number	
SMU #5-13					03231-Aug-19		OXY USA, INC.		2205543719	
Date	Time	Treating Pressure	Flow Rate	Volume	CMT DENS	0	0	0	Message	
	24 hr clock	psi	bb/min	bbl	lb/gal	0	0	0		
2003-Aug-19	11:52	0	0.0	1.5	10.28	0	0	0	KCC	
2003-Aug-19	11:53	0	0.0	1.5	11.02	0	0	0		
2003-Aug-19	11:53	0	0.0	1.5	12.26	0	0	0	2205543719	
2003-Aug-19	11:54	5	0.0	1.5	13.08	0	0	0	CONFIDENTIAL	
2003-Aug-19	11:54	87	0.0	1.5	13.08	0	0	0		
2003-Aug-19	11:55	128	0.5	1.7	13.28	0	0	0		
2003-Aug-19	11:55	27	0.5	2.0	13.30	0	0	0		
2003-Aug-19	11:56	82	0.5	2.2	8.45	0	0	0		
2003-Aug-19	11:56	0	0.0	2.3	8.24	0	0	0		
2003-Aug-19	11:57	5	0.0	2.3	8.37	0	0	0		
2003-Aug-19	11:57	5	0.0	2.3	8.37	0	0	0		
2003-Aug-19	11:58	0	0.0	2.3	8.37	0	0	0		
2003-Aug-19	11:58	5	0.0	2.3	8.37	0	0	0		
2003-Aug-19	11:59	0	0.0	2.3	8.37	0	0	0		
2003-Aug-19	11:59	5	0.0	2.3	8.37	0	0	0		
2003-Aug-19	12:00	5	0.0	2.3	8.37	0	0	0		
2003-Aug-19	12:00	5	0.0	2.3	8.37	0	0	0		
2003-Aug-19	12:01	5	0.0	2.3	8.37	0	0	0		
2003-Aug-19	12:01	5	0.0	2.3	8.37	0	0	0		
2003-Aug-19	12:02	0	1.2	2.8	8.37	0	0	0		
2003-Aug-19	12:02	64	3.4	4.0	8.38	0	0	0		
2003-Aug-19	12:03	82	3.9	5.9	8.96	0	0	0		
2003-Aug-19	12:03	114	3.9	7.9	8.38	0	0	0		
2003-Aug-19	12:04	-9	0.9	9.8	8.38	0	0	0		
2003-Aug-19	12:04	0	0.0	9.8	8.38	0	0	0		
2003-Aug-19	12:05	0	0.0	9.8	8.38	0	0	0		
2003-Aug-19	12:05								End Cement Slurry	
2003-Aug-19	12:05	5	0.0	9.8	8.38	0	0	0		
2003-Aug-19	12:05								Pressure Test Lines	
2003-Aug-19	12:05	5	0.0	9.8	8.38	0	0	0		
2003-Aug-19	12:05	5	0.0	9.8	8.38	0	0	0		
2003-Aug-19	12:06	1717	0.0	9.8	8.36	0	0	0		
2003-Aug-19	12:06								Pressure Test Lines	
2003-Aug-19	12:06	1703	0.0	9.8	8.36	0	0	0		
2003-Aug-19	12:06	1662	0.0	9.8	8.36	0	0	0		
2003-Aug-19	12:06	0	0.0	9.8	8.36	0	0	0		
2003-Aug-19	12:06								Reset Total, Vol = 9.82 bbl	
2003-Aug-19	12:07	-5	0.0	0.0	8.36	0	0	0		
2003-Aug-19	12:07	9	0.7	0.0	8.36	0	0	0		
2003-Aug-19	12:07								Start Pumping Spacer	
2003-Aug-19	12:07	27	3.4	1.0	6.29	0	0	0		
2003-Aug-19	12:08	-9	0.0	2.1	8.34	0	0	0		
2003-Aug-19	12:08	-5	0.0	2.1	8.36	0	0	0		
2003-Aug-19	12:08								Reset Total, Vol = 2.06 bbl	
2003-Aug-19	12:08	37	1.1	0.1	8.37	0	0	0		
2003-Aug-19	12:09	188	5.1	1.6	8.38	0	0	0		
2003-Aug-19	12:09	174	5.0	4.1	8.37	0	0	0		
2003-Aug-19	12:09								End Spacer	
2003-Aug-19	12:09	174	5.0	4.3	8.37	0	0	0		
2003-Aug-19	12:09	179	5.0	4.4	8.37	0	0	0		
2003-Aug-19	12:09								Start Pumping Wash	
2003-Aug-19	12:09	169	5.0	5.0	8.37	0	0	0		
2003-Aug-19	12:09								Reset Total, Vol = 5.01 bbl	
2003-Aug-19	12:10	179	5.0	1.6	8.37	0	0	0		

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ORIGINAL

Well		Field		Service Date		Customer			Job Number
SMU #3-16				03231-Aug-19		OKY USA, INC.			2205643719
Date	Time	Treating Pressure	Flow Rate	Volume	CMT DENS	0	0	0	Message
	24 hr clock	psi	bbbl/min	bbbl	lb/gal	0	0	0	KCO
2003-Aug-19	12:10	183	5.0	4.1	8.37	0	0	0	
2003-Aug-19	12:11	224	5.0	6.5	8.37	0	0	0	
2003-Aug-19	12:11	169	5.0	9.0	8.37	0	0	0	
2003-Aug-19	12:12	188	5.0	11.5	8.37	0	0	0	
2003-Aug-19	12:12	192	5.0	14.0	8.37	0	0	0	
2003-Aug-19	12:13	188	5.0	16.5	8.37	0	0	0	
2003-Aug-19	12:13								End Wash
2003-Aug-19	12:13	201	4.9	18.6	8.35	0	0	0	
2003-Aug-19	12:13								Start Pumping Spacer
2003-Aug-19	12:13	192	4.9	18.8	8.35	0	0	0	
2003-Aug-19	12:13								Reset Total, Vol = 18.95 bbl
2003-Aug-19	12:13	156	5.0	19.0	8.35	0	0	0	
2003-Aug-19	12:14	247	5.0	2.5	8.52	0	0	0	
2003-Aug-19	12:14	220	5.0	4.6	8.08	0	0	0	
2003-Aug-19	12:14								Start Cement Slurry
2003-Aug-19	12:14								End Spacer
2003-Aug-19	12:14	179	5.0	4.7	8.04	0	0	0	
2003-Aug-19	12:14	201	5.0	5.0	7.98	0	0	0	
2003-Aug-19	12:15	160	5.0	7.4	9.11	0	0	0	
2003-Aug-19	12:15								Reset Total, Vol = 9.02 bbl
2003-Aug-19	12:15	211	4.9	9.0	9.77	0	0	0	
2003-Aug-19	12:15	224	5.0	0.9	10.21	0	0	0	
2003-Aug-19	12:16	220	5.0	3.4	11.51	0	0	0	
2003-Aug-19	12:16	174	5.0	5.9	12.59	0	0	0	
2003-Aug-19	12:17	201	5.0	8.4	12.66	0	0	0	
2003-Aug-19	12:17	78	3.6	10.2	11.18	0	0	0	
2003-Aug-19	12:18	46	0.0	10.6	12.02	0	0	0	
2003-Aug-19	12:18	-5	0.0	10.6	11.79	0	0	0	
2003-Aug-19	12:19	160	3.9	11.4	13.24	0	0	0	
2003-Aug-19	12:19	64	3.3	13.2	12.51	0	0	0	
2003-Aug-19	12:20	92	3.3	14.9	14.20	0	0	0	
2003-Aug-19	12:20	92	3.1	16.5	13.49	0	0	0	
2003-Aug-19	12:21	50	3.1	18.1	14.04	0	0	0	
2003-Aug-19	12:21	69	3.1	19.6	13.96	0	0	0	
2003-Aug-19	12:22	60	3.1	21.2	13.78	0	0	0	
2003-Aug-19	12:22	55	3.1	22.8	13.94	0	0	0	
2003-Aug-19	12:23	64	3.1	24.3	14.02	0	0	0	
2003-Aug-19	12:23	64	3.1	25.9	13.92	0	0	0	
2003-Aug-19	12:24	64	3.1	27.5	13.65	0	0	0	
2003-Aug-19	12:24	60	3.1	29.0	14.07	0	0	0	
2003-Aug-19	12:25	73	3.1	30.6	14.23	0	0	0	
2003-Aug-19	12:25	69	3.1	32.2	14.04	0	0	0	
2003-Aug-19	12:26	50	3.1	33.7	13.84	0	0	0	
2003-Aug-19	12:26	64	3.1	35.3	13.78	0	0	0	
2003-Aug-19	12:27	50	3.1	36.9	13.90	0	0	0	
2003-Aug-19	12:27	50	3.1	38.4	13.82	0	0	0	
2003-Aug-19	12:28	50	3.1	40.0	13.58	0	0	0	
2003-Aug-19	12:28	41	3.1	41.6	13.98	0	0	0	
2003-Aug-19	12:29	60	3.1	43.1	14.18	0	0	0	
2003-Aug-19	12:29	55	3.1	44.7	13.39	0	0	0	
2003-Aug-19	12:30	55	3.1	46.3	14.39	0	0	0	
2003-Aug-19	12:30	60	3.1	47.8	14.72	0	0	0	
2003-Aug-19	12:31	64	3.1	49.4	14.27	0	0	0	
2003-Aug-19	12:31	64	3.1	51.0	14.00	0	0	0	

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Well		Field		Service Date		Customer			Job Number
SMU #3-16				03231-Aug-19		OXY USA, INC.			2205543719
Date	Time	Treating Pressure	Flow Rate	Volume	CMT DENS	0	0	0	Message
	24 hr clock	psi	bb/min	bbl	lb/gal	0	0	0	KCO
2003-Aug-19	12:32	64	3.1	52.6	13.53	0	0	0	
2003-Aug-19	12:32	0	0.0	53.5	11.37	0	0	0	
2003-Aug-19	12:33	0	0.0	53.5	13.18	0	0	0	
2003-Aug-19	12:33	18	0.0	53.5	9.59	0	0	0	
2003-Aug-19	12:34								End Cement Slurry
2003-Aug-19	12:34	18	0.0	53.5	9.18	0	0	0	
2003-Aug-19	12:34	-9	0.0	53.5	9.20	0	0	0	
2003-Aug-19	12:34	-9	0.0	53.5	9.18	0	0	0	
2003-Aug-19	12:34								Reset Total, Vol = 53.54 bbl
2003-Aug-19	12:42	119	6.2	0.2	8.38	0	0	0	
2003-Aug-19	12:42								Drop Top Plug
2003-Aug-19	12:42	156	6.2	0.4	8.38	0	0	0	
2003-Aug-19	12:42								Start Displacement
2003-Aug-19	12:42	119	6.2	15.1	8.37	0	0	0	
2003-Aug-19	12:43	101	6.2	18.2	8.37	0	0	0	
2003-Aug-19	12:43	137	6.2	21.3	8.37	0	0	0	
2003-Aug-19	12:44	60	6.2	24.4	8.37	0	0	0	
2003-Aug-19	12:44	146	6.2	27.5	8.37	0	0	0	
2003-Aug-19	12:45	119	6.1	30.5	8.37	0	0	0	
2003-Aug-19	12:45	64	6.1	33.6	8.37	0	0	0	
2003-Aug-19	12:46	156	6.2	36.7	8.37	0	0	0	
2003-Aug-19	12:46	78	6.1	39.8	8.37	0	0	0	
2003-Aug-19	12:47	96	6.2	42.9	8.37	0	0	0	
2003-Aug-19	12:47	96	6.2	46.0	8.37	0	0	0	
2003-Aug-19	12:48	128	6.2	49.1	8.37	0	0	0	
2003-Aug-19	12:48	101	6.2	52.2	8.37	0	0	0	
2003-Aug-19	12:49	78	6.2	55.3	8.37	0	0	0	
2003-Aug-19	12:49	128	6.2	58.4	8.37	0	0	0	
2003-Aug-19	12:50	82	6.1	61.4	8.37	0	0	0	
2003-Aug-19	12:50	60	6.2	64.5	8.37	0	0	0	
2003-Aug-19	12:51	146	6.2	67.6	8.37	0	0	0	
2003-Aug-19	12:51	142	6.1	70.7	8.37	0	0	0	
2003-Aug-19	12:52	114	6.2	73.8	8.37	0	0	0	
2003-Aug-19	12:52	119	6.2	76.9	8.37	0	0	0	
2003-Aug-19	12:53	96	6.2	80.0	8.37	0	0	0	
2003-Aug-19	12:53	179	6.2	83.1	8.37	0	0	0	
2003-Aug-19	12:54	64	6.2	86.3	8.37	0	0	0	
2003-Aug-19	12:55	252	6.1	89.4	8.37	0	0	0	
2003-Aug-19	12:55	50	3.9	92.0	8.37	0	0	0	
2003-Aug-19	12:56	215	3.9	94.0	8.37	0	0	0	
2003-Aug-19	12:56	206	3.9	95.9	8.37	0	0	0	
2003-Aug-19	12:57	229	3.9	97.9	8.37	0	0	0	
2003-Aug-19	12:57	288	3.9	99.9	8.37	0	0	0	
2003-Aug-19	12:58	229	3.9	101.9	8.37	0	0	0	
2003-Aug-19	12:58	334	3.9	103.8	8.37	0	0	0	
2003-Aug-19	12:59	339	2.5	105.6	8.37	0	0	0	
2003-Aug-19	12:59	339	2.5	106.8	8.37	0	0	0	
2003-Aug-19	13:00	357	2.5	108.1	8.37	0	0	0	
2003-Aug-19	13:00	380	2.5	109.3	8.37	0	0	0	
2003-Aug-19	13:01	403	2.5	110.5	8.37	0	0	0	
2003-Aug-19	13:01	426	2.5	111.8	8.37	0	0	0	
2003-Aug-19	13:02	467	2.5	113.0	8.37	0	0	0	
2003-Aug-19	13:02	481	2.5	114.3	8.37	0	0	0	
2003-Aug-19	13:03	366	0.0	115.2	8.37	0	0	0	

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Well SMU #3-16		Field		Service Date 03231-Aug-19		Customer OXY USA, INC.		Job Number 2205643719	
Date	Time 24 hr clock	Treating Pressure psi	Flow Rate bbl/min	Volume bbl	CMT DENS lb/gal	0	0	0	Message
2003-Aug-19	13:03	513	2.5	115.4	8.37	0	0	0	KCC
2003-Aug-19	13:04	1012	0.1	116.5	8.37	0	0	0	
2003-Aug-19	13:04	1044	0.0	116.5	8.37	0	0	0	
2003-Aug-19	13:05	1039	0.0	116.5	8.37	0	0	0	
2003-Aug-19	13:05	-5	0.0	116.5	8.37	0	0	0	CONFIDENTIAL
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2	
5	0	0	6		41.5	0	20		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
1100			1100			bbl	lb/gal		
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	<input type="checkbox"/> Cement Circulated to Surface? Volume <input type="checkbox"/> Washed Thru Perfs To ft				
%	41.5 bbl		115 bbl	°F					
Customer or Authorized Representative			Schlumberger Supervisor		Gonzales, Paul		<input type="checkbox"/> CirculationLost		<input checked="" type="checkbox"/> Job Completed
FILLPOT, GREGG									

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Schlumberger

Service Order

2003-Aug-13

Customer OXY USA, INC.		Person Taking Call Lingo, Monty		Dowell Location Perryton, TX		OrderDate 2003-Aug-13		Job Number 2205543709			
Well Name and Number SMU 3-16			Legal Location		Field		County Finney		State/Province KS		
Well Master: 0630370920			API / UWI:								
Rig Name			Well Age New		Sales Engineer Cambren, Charles			Job Type Cem Surface Casing			
Time Well Ready:		Deviation		Bit Size 12.3 in		Well MD 1,950 ft		Well TVD 1,950 ft		BHP 1000 psi	
										BHST 100 °F	
										BHCT 86 °F	
Treat Down Casing		Packer Type None		Packer Depth 0 ft		WellHead Connection 8 5/8 HS&M		HHP on Location		Max Allowed Pressure 1000	
Casing					Services Instructions:						
Depth, ft		Size, in		Weight, lb/ft		Grade		Thread			
1950		8.625		24		K55		8RD			
					CEMENT 8 5/8 IN SURFACE CASING WITH: 465 SKS CLASS C + 1.0% D30 + 2.0% D79 + 2.0% D53 + 3% S001 + 6 PPS D044 + 0.2%D46 + 0.25 PPS D29 150 SKS CLASS C + 2% S001 + 0.25 PPS D29						
Tubing											
Depth,		Size, in		Weight, lb/ft		Grade		Thread			
Perforated Intervals											
Top, ft		Bottom, ft		spf		No. of Shots		Total Interval			
								ft			
								Diameter			
								in			
Expected On Location:						Ready To Pump:					

KCC

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RECEIVED
DEC 04 2003
KCC WICHITA

Contact	Voice	Mobile	FAX	Notes
Greg Fillpot				

Notes:
8 5/8: TOP PLUG=== 8 5/8 CH & M

Directions:
GARDEN CITY== TAKE LOOP ROAD TO JCT OF HWY 83 & HWY 50=====WEST ON 50 TO HOLCOMB ROAD===== 2 WEST ON HWY 50 (TO RIETHEL RD) ===== 2.7 NORTH (ON RIETHEL RD) === WEST INTO LOC.

Other Notes:
PLEASE FOLLOW CONVOY POLICIES AND BE SAFE!!!

Customer OXY USA, INC.						Job Number 2205543709					
Well SMU 3-16			Location (legal) DEC 01 2003			Schlumberger Location Perryton, TX			Job Start 2003-Aug-14		
Field			Formation Name/Type			Deviation		Bit Size 12.3 in	Well MD 1,933 ft		Well TVD 1,933 ft
County Finney			State/Province KS			BHP 1000 psi	BHST 100 °F	BHCT 86 °F	Pore Press. Gradient psi/ft		
Well Master: 0630370920			API / UWI:			Casing/Liner					
Rig Name		Drilled For Oil & Gas		Service Via Land		Depth, ft 1933	Size, in 8.625	Weight, lb/ft 24	Grade K55	Thread 8RD	
Offshore Zone		Well Class New		Well Type Exploration		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 1000 psi		Max. Allowed Ann. Pressure psi		Wellhead Connection 8 5/8 HS&M		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft	
Service Instructions CEMENT 8 5/8 IN SURFACE CASING WITH: 465 SKS CLASS C + 1.0% D30 + 2.0% D79 + 2.0% D53 + 3% S001 + 6 PPS D044 + 0.2% D46 + 0.25 PPS D29 150 SKS CLASS C + 2% S001 + 0.25 PPS D29						Diameter in	Treat Down Casing	Displacement 120.6 bbl	Packer Type None	Packer Depth 0 ft	
						Tubing Vol. bbl	Casing Vol. 123.13 bbl	Annular Vol. 142 bbl	Open Hole Vol. 282 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: 600 psi			Pipe Rotated <input type="checkbox"/>			Pipe Reciprocated <input type="checkbox"/>			Shoe Type: Guide	Squeeze Type	
No. Centralizers:			Top Plugs: 1	Bottom Plugs: 0		Shoe Depth: 1933 ft			Tool Type:		
Cement Head Type: Single			Stage Tool Type:			Tool Depth: ft			Tail Pipe Size: in		
Job Scheduled For: 8/13/2003		Arrived on Location: 2003-Aug-14 0:15		Leave Location: 2003-Aug-14		Stage Tool Depth: ft			Tail Pipe Depth: ft		
						Collar Type: Auto-Fill			Tail Pipe Depth: ft		
						Collar Depth: 1894 ft			Sqz Total Vol: bbl		
Date	Time	Pressure	Density	Rate	Volume	0	0	0	Message		
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0			
2003-Aug-14	1:09	0	8.31	0.0	0.0	0	0	0			
2003-Aug-14	1:09								Pressure Test Lines		
2003-Aug-14	1:09	0	8.29	0.0	0.0	0	0	0			
2003-Aug-14	1:10	5	8.28	0.0	0.0	0	0	0			
2003-Aug-14	1:11	5	8.29	0.0	0.0	0	0	0			
2003-Aug-14	1:12	623	8.34	0.6	0.4	0	0	0			
2003-Aug-14	1:13	2447	8.35	0.0	0.4	0	0	0			
2003-Aug-14	1:13	14	8.35	0.0	0.4	0	0	0			
2003-Aug-14	1:14	160	8.32	5.4	0.9	0	0	0			
2003-Aug-14	1:14	159	8.36	5.7	3.7	0	0	0			
2003-Aug-14	1:15	167	8.36	5.7	6.6	0	0	0			
2003-Aug-14	1:15	166	8.34	5.7	9.4	0	0	0			
2003-Aug-14	1:16	161	8.42	5.7	11.1	0	0	0			
2003-Aug-14	1:16								Reset Total, Vol = 11.06 bbl		
2003-Aug-14	1:16	162	8.62	5.7	0.2	0	0	0			
2003-Aug-14	1:16								Start Mixing Lead Slurry		
2003-Aug-14	1:16	187	9.73	5.7	1.3	0	0	0			
2003-Aug-14	1:16	202	10.54	5.7	4.2	0	0	0			
2003-Aug-14	1:17	209	11.24	5.7	7.0	0	0	0			
2003-Aug-14	1:17	230	11.72	5.7	9.9	0	0	0			
2003-Aug-14	1:18	221	11.60	5.7	12.7	0	0	0			
2003-Aug-14	1:18	206	11.32	5.7	15.6	0	0	0			

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Well		Field		Service Date		Customer			Job Number
SMU #3-16				03226-Aug-14		OXY USA, INC.			2205543709
Date	Time	Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbt/min	bbt	0	0	0	KCC
2003-Aug-14	1:19	200	11.40	5.7	18.4	0	0	0	
2003-Aug-14	1:19	197	11.37	5.7	21.3	0	0	0	
2003-Aug-14	1:20	200	12.06	5.7	24.2	0	0	0	
2003-Aug-14	1:20	205	11.63	5.7	27.0	0	0	0	
2003-Aug-14	1:21	175	11.36	5.7	29.9	0	0	0	
2003-Aug-14	1:21	177	11.56	5.7	32.7	0	0	0	
2003-Aug-14	1:22	175	11.60	5.7	35.6	0	0	0	
2003-Aug-14	1:22	173	11.57	5.7	38.4	0	0	0	
2003-Aug-14	1:23	167	11.37	5.7	41.3	0	0	0	
2003-Aug-14	1:23	167	11.43	5.7	44.1	0	0	0	
2003-Aug-14	1:24	158	11.43	5.7	47.0	0	0	0	
2003-Aug-14	1:24	160	11.53	5.7	49.8	0	0	0	
2003-Aug-14	1:25	157	11.57	5.7	52.7	0	0	0	
2003-Aug-14	1:25	156	11.56	5.7	55.5	0	0	0	
2003-Aug-14	1:26	152	11.50	5.7	58.4	0	0	0	
2003-Aug-14	1:26	155	11.50	5.7	61.2	0	0	0	
2003-Aug-14	1:27	154	11.47	5.7	64.2	0	0	0	
2003-Aug-14	1:28	154	11.43	5.7	67.0	0	0	0	
2003-Aug-14	1:28	146	11.18	5.7	69.9	0	0	0	
2003-Aug-14	1:29	143	11.63	5.7	72.8	0	0	0	
2003-Aug-14	1:29	160	11.83	5.7	75.6	0	0	0	
2003-Aug-14	1:30	159	11.72	5.7	78.5	0	0	0	
2003-Aug-14	1:30	144	11.37	5.7	81.3	0	0	0	
2003-Aug-14	1:31	146	11.40	5.7	84.2	0	0	0	
2003-Aug-14	1:31	143	11.33	5.7	87.0	0	0	0	
2003-Aug-14	1:32	150	11.66	5.7	89.9	0	0	0	
2003-Aug-14	1:32	158	11.65	5.7	92.7	0	0	0	
2003-Aug-14	1:33	153	11.59	5.7	95.6	0	0	0	
2003-Aug-14	1:33	149	11.53	5.7	98.4	0	0	0	
2003-Aug-14	1:34	146	11.46	5.7	101.3	0	0	0	
2003-Aug-14	1:34	141	11.51	5.7	104.1	0	0	0	
2003-Aug-14	1:35	153	11.64	5.7	107.0	0	0	0	
2003-Aug-14	1:35	147	11.55	5.7	109.8	0	0	0	
2003-Aug-14	1:36	145	11.51	5.7	112.7	0	0	0	
2003-Aug-14	1:36	140	11.53	5.7	115.6	0	0	0	
2003-Aug-14	1:37	141	11.48	5.7	118.4	0	0	0	
2003-Aug-14	1:37	131	11.47	5.7	121.3	0	0	0	
2003-Aug-14	1:38	135	11.56	5.7	124.1	0	0	0	
2003-Aug-14	1:38	138	11.66	5.7	127.0	0	0	0	
2003-Aug-14	1:39	157	12.01	5.7	129.9	0	0	0	
2003-Aug-14	1:39	153	11.89	5.7	132.8	0	0	0	
2003-Aug-14	1:40	148	11.56	5.7	135.6	0	0	0	
2003-Aug-14	1:40	148	11.59	5.7	138.5	0	0	0	
2003-Aug-14	1:41	149	11.64	5.7	141.3	0	0	0	
2003-Aug-14	1:41	147	11.63	5.7	144.2	0	0	0	
2003-Aug-14	1:42	138	11.45	5.7	147.0	0	0	0	
2003-Aug-14	1:42	144	11.68	5.7	149.9	0	0	0	
2003-Aug-14	1:43	146	11.70	5.7	152.7	0	0	0	
2003-Aug-14	1:43	144	11.65	5.7	155.6	0	0	0	
2003-Aug-14	1:44	141	11.60	5.7	158.4	0	0	0	
2003-Aug-14	1:44	137	11.30	5.7	161.3	0	0	0	
2003-Aug-14	1:45	127	11.24	5.8	164.2	0	0	0	
2003-Aug-14	1:45	125	11.41	5.7	167.0	0	0	0	
2003-Aug-14	1:46	142	11.70	5.7	169.9	0	0	0	

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Well		Field				Service Date		Customer		Job Number
SMU #3-16						03226-Aug-14		OXY USA, INC.		2205543709
Date	Time	Pressure	Density	Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	KCC	
2003-Aug-14	1:46	151	11.68	5.7	172.7	0	0	0		
2003-Aug-14	1:47	148	11.58	5.7	175.6	0	0	0		
2003-Aug-14	1:47	147	11.58	5.7	178.4	0	0	0		
2003-Aug-14	1:48	147	11.53	5.7	181.3	0	0	0	CONFIDENTIAL	
2003-Aug-14	1:48	143	11.47	5.7	184.1	0	0	0		
2003-Aug-14	1:49	157	11.83	5.7	187.0	0	0	0		
2003-Aug-14	1:49	153	11.73	5.7	189.8	0	0	0		
2003-Aug-14	1:50	148	11.53	5.7	192.8	0	0	0		
2003-Aug-14	1:50	138	11.35	5.7	195.6	0	0	0		
2003-Aug-14	1:51	145	11.60	5.7	198.5	0	0	0		
2003-Aug-14	1:51	150	11.60	5.7	201.3	0	0	0		
2003-Aug-14	1:52	149	11.56	5.7	204.2	0	0	0		
2003-Aug-14	1:52	148	11.56	5.7	207.0	0	0	0		
2003-Aug-14	1:53	143	11.54	5.7	209.9	0	0	0		
2003-Aug-14	1:53	150	11.62	5.7	212.8	0	0	0		
2003-Aug-14	1:54	149	11.61	5.7	215.6	0	0	0		
2003-Aug-14	1:54	150	11.58	5.7	218.5	0	0	0		
2003-Aug-14	1:55	149	11.56	5.7	221.3	0	0	0		
2003-Aug-14	1:55	151	11.56	5.7	224.2	0	0	0		
2003-Aug-14	1:56	155	11.65	5.7	227.0	0	0	0		
2003-Aug-14	1:56	156	11.53	5.7	229.9	0	0	0		
2003-Aug-14	1:57	154	11.89	5.7	232.7	0	0	0		
2003-Aug-14	1:57	159	11.76	5.7	235.6	0	0	0		
2003-Aug-14	1:58	152	11.63	5.7	238.4	0	0	0		
2003-Aug-14	1:58	151	11.56	5.7	241.3	0	0	0		
2003-Aug-14	1:59	151	11.48	5.7	244.1	0	0	0		
2003-Aug-14	1:59	157	11.89	5.7	247.0	0	0	0		
2003-Aug-14	2:00	159	12.13	5.7	249.9	0	0	0		
2003-Aug-14	2:00	183	14.11	5.7	252.7	0	0	0		
2003-Aug-14	2:00								Reset Total, Vol = 254.89 bbl	
2003-Aug-14	2:00	252	14.77	5.7	254.9	0	0	0		
2003-Aug-14	2:00								Start Mixing Tail Slurry	
2003-Aug-14	2:00	252	14.78	5.7	0.1	0	0	0		
2003-Aug-14	2:01	256	14.80	5.7	0.7	0	0	0		
2003-Aug-14	2:01	265	14.88	5.7	3.6	0	0	0		
2003-Aug-14	2:02	268	14.77	5.7	6.5	0	0	0		
2003-Aug-14	2:02	261	14.94	5.7	9.3	0	0	0		
2003-Aug-14	2:03	258	14.88	5.7	12.2	0	0	0		
2003-Aug-14	2:03	251	14.83	5.7	15.0	0	0	0		
2003-Aug-14	2:04	246	14.81	5.7	17.9	0	0	0		
2003-Aug-14	2:04	242	14.76	5.7	20.7	0	0	0		
2003-Aug-14	2:05	239	14.78	5.7	23.6	0	0	0		
2003-Aug-14	2:05	247	14.98	5.7	26.4	0	0	0		
2003-Aug-14	2:06	232	14.80	5.7	29.3	0	0	0		
2003-Aug-14	2:06	222	14.85	5.7	32.1	0	0	0		
2003-Aug-14	2:07	9	3.38	0.0	34.2	0	0	0		
2003-Aug-14	2:07								Reset Total, Vol = 34.24 bbl	
2003-Aug-14	2:07	9	3.00	0.0	34.2	0	0	0		
2003-Aug-14	2:07	9	2.87	0.0	0.0	0	0	0		
2003-Aug-14	2:07								Drop Top Plug	
2003-Aug-14	2:07								Start Displacement	
2003-Aug-14	2:07	9	2.84	0.0	0.0	0	0	0		
2003-Aug-14	2:07	9	2.48	0.0	0.0	0	0	0		
2003-Aug-14	2:08	9	2.44	0.0	0.0	0	0	0		

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Well		Field				Service Date		Customer		Job Number
SMU #3-16						03226-Aug-14		OXY USA, INC.		2205543709
Date	Time	Pressure	Density	Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	KCC	
2003-Aug-14	2:08	9	2.52	0.0	0.0	0	0	0		
2003-Aug-14	2:09	5	2.51	0.0	0.0	0	0	0	2003-8-13 2003	
2003-Aug-14	2:09	9	2.63	0.0	0.0	0	0	0		
2003-Aug-14	2:10	101	9.62	5.2	1.4	0	0	0	CONFIDENTIAL	
2003-Aug-14	2:10	50	9.16	5.2	4.0	0	0	0		
2003-Aug-14	2:11	41	8.08	5.2	6.6	0	0	0		
2003-Aug-14	2:11	41	8.35	5.2	9.2	0	0	0		
2003-Aug-14	2:12	30	8.38	5.1	11.8	0	0	0		
2003-Aug-14	2:12	50	8.28	5.2	14.4	0	0	0		
2003-Aug-14	2:13	54	8.22	5.2	17.0	0	0	0		
2003-Aug-14	2:13	58	8.22	5.1	19.6	0	0	0		
2003-Aug-14	2:14	67	8.23	5.2	22.2	0	0	0		
2003-Aug-14	2:14	65	8.24	5.2	24.7	0	0	0		
2003-Aug-14	2:15	59	8.19	5.2	27.3	0	0	0		
2003-Aug-14	2:15	61	8.09	5.2	29.9	0	0	0		
2003-Aug-14	2:16	61	8.10	5.2	32.5	0	0	0		
2003-Aug-14	2:16	72	8.22	5.2	35.1	0	0	0		
2003-Aug-14	2:17	90	8.24	5.1	37.7	0	0	0		
2003-Aug-14	2:17	86	8.24	5.2	40.2	0	0	0		
2003-Aug-14	2:18	107	8.24	5.2	42.8	0	0	0		
2003-Aug-14	2:18	110	8.22	5.2	45.4	0	0	0		
2003-Aug-14	2:19	108	8.21	5.2	48.0	0	0	0		
2003-Aug-14	2:19	130	8.15	5.1	50.6	0	0	0		
2003-Aug-14	2:20	92	8.09	5.1	53.2	0	0	0		
2003-Aug-14	2:20	124	8.16	5.2	55.7	0	0	0		
2003-Aug-14	2:21	137	8.18	5.2	58.3	0	0	0		
2003-Aug-14	2:21	136	8.18	5.1	60.9	0	0	0		
2003-Aug-14	2:22	261	8.18	5.1	63.5	0	0	0		
2003-Aug-14	2:22	146	8.37	5.1	66.1	0	0	0		
2003-Aug-14	2:23	110	8.37	5.1	68.7	0	0	0		
2003-Aug-14	2:23	252	8.37	5.2	71.2	0	0	0		
2003-Aug-14	2:24	168	8.37	5.1	73.9	0	0	0		
2003-Aug-14	2:24	110	8.37	5.2	76.5	0	0	0		
2003-Aug-14	2:25	228	8.37	5.1	79.1	0	0	0		
2003-Aug-14	2:25	212	8.37	5.2	81.7	0	0	0		
2003-Aug-14	2:26	311	8.37	5.2	84.2	0	0	0		
2003-Aug-14	2:26	245	8.37	5.1	86.8	0	0	0		
2003-Aug-14	2:27	270	8.37	5.2	89.4	0	0	0		
2003-Aug-14	2:27	268	8.37	5.2	92.0	0	0	0		
2003-Aug-14	2:28	287	8.37	5.2	94.6	0	0	0		
2003-Aug-14	2:28	296	8.37	5.2	97.1	0	0	0		
2003-Aug-14	2:29	337	8.37	5.2	99.7	0	0	0		
2003-Aug-14	2:29	312	8.38	5.2	102.3	0	0	0		
2003-Aug-14	2:30	351	8.38	5.1	104.9	0	0	0		
2003-Aug-14	2:30	367	8.38	5.1	107.5	0	0	0		
2003-Aug-14	2:31	387	8.38	5.2	110.1	0	0	0		
2003-Aug-14	2:31	395	8.38	5.2	112.6	0	0	0		
2003-Aug-14	2:32	415	8.38	5.2	115.2	0	0	0		
2003-Aug-14	2:32	405	8.38	2.5	117.6	0	0	0		
2003-Aug-14	2:33	362	8.38	2.5	118.8	0	0	0		
2003-Aug-14	2:33	443	8.38	2.5	120.1	0	0	0		
2003-Aug-14	2:34	417	8.38	2.5	121.3	0	0	0		
2003-Aug-14	2:34	437	8.38	2.5	122.5	0	0	0		
2003-Aug-14	2:35	464	8.38	2.5	123.8	0	0	0		

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Well		Service Date		Customer		Job Number			
SMD #3-16		03226-Aug-14		OXY USA, INC.		2205543709			
Date	Time	Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	KCC
2003-Aug-14	2:35	441	8.38	2.5	125.0	0	0	0	
2003-Aug-14	2:36	467	8.38	2.5	126.3	0	0	0	
2003-Aug-14	2:36	1095	8.38	0.0	126.6	0	0	0	
2003-Aug-14	2:36	1094	8.38	0.0	126.6	0	0	0	CONFIDENTIAL
2003-Aug-14	2:36								Bump Top Plug
2003-Aug-14	2:36								Reset Total, Vol = 126.59 bbl
2003-Aug-14	2:36	1094	8.38	0.0	0.0	0	0	0	
2003-Aug-14	2:37	1092	8.38	0.0	0.0	0	0	0	
2003-Aug-14	2:37	595	8.38	0.0	0.0	0	0	0	
2003-Aug-14	2:38	-4	8.38	0.0	0.0	0	0	0	
2003-Aug-14	2:38	-5	8.38	0.0	0.0	0	0	0	
2003-Aug-14	2:38	-5	8.38	0.0	0.0	0	0	0	
2003-Aug-14	2:38								Float Holding

Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
4			6	290		10	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density	
600		200	1100		bbl	8.34 lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	bbl	
%	290 bbl	120 bbl	°F	<input type="checkbox"/> Washed Thru Perfs	To	ft	
Customer or Authorized Representative			Schlumberger Supervisor		<input type="checkbox"/> CirculationLost		<input checked="" type="checkbox"/> Job Completed
Greg			Ousley, John				

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KCC

Comments:

BULK PLANT===== LOAD LEAD PANHANDLE LITE IN 1 ABT ===== TAIL IN ANOTHER ABT

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Fluid Systems:

SPACER			
10 BBL OF FRESH WATER			
Density:	8.32 lb/gal	Thickening Time:	
Yield:	ft ³ /sk		
H2O Mix:	0 gal/sk		
H2O:	0 gal	Eq. Sack Weight:	0 lb
		Total Blend:	0 sacks
Dowell Code	Concl Amount	Total Quantity	

TAIL			
150 SKS CLASS C+2%S1+0.25 PPS D29			
Density:	14.8 lb/gal	Thickening Time:	
Yield:	1.34 ft ³ /sk		
H2O Mix:	6.3 gal/sk		
H2O:	945 gal	Eq. Sack Weight:	94 lb
		Total Blend:	150 sacks
Dowell Code	Concl Amount	Total Quantity	
D029	0.25 lbs/sk	37.5	
S001	1.88 lbs/sk	282	
CLASS C	94 lbs/sk	14100	

LEAD			
465 SKS CLASS C + 1.0% D30 + 2.0% D79 + 2.0% D053 + 3.0% S001 + 6 PPS D044 + 0.2% D46 + 0.25 PPS D29			
Density:	11.4 lb/gal	Thickening Time:	10 hr:mn
Yield:	3.07 ft ³ /sk		
H2O Mix:	18.23 gal/sk		
H2O:	8476.95 gal	Eq. Sack Weight:	94 lb
		Total Blend:	465 sacks
Dowell Code	Concl Amount	Total Quantity	
D029	0.25 lbs/sk	116.25	
D046	0.188 lbs/sk	87.42	
D044	6 lbs/sk	2790	
S001	2.82 lbs/sk	1311.3	
D053	1.88 lbs/sk	874.2	
D079	1.88 lbs/sk	874.2	
D030	0.94 lbs/sk	437.1	
CLASS C	94 lbs/sk	43710	

C 57905
 S1 1593
 D29 117
 D46 88
 D44 2800
 D53 890
 D79 873
 D30 435

 64701
 32.35

616
 31.86

 40