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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: Regency
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200

Contractor: Name: Cheyenne Drilling LP
License: 33375
Wellsite Geologist: _____

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. _____
05/19/06 05/28/06 08/02/06
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 129-21756-0000
County: Morton
SW - Nw - SW Sec 9 Twp. 33 S. R. 42W
1800 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: Austin A Well #: 4
Field Name: Mustang East
Producing Formation: Morrow
Elevation: Ground: 3505 Kelly Bushing: 3516
Total Depth: 5200 Plug Back Total Depth: 4740
Amount of Surface Pipe Set and Cemented at 624 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 As I with
(Data must be collected from the Reserve Pit) 9-17-07
Chloride content 1000 mg/l 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.: _____

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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 this 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 09/14/06
Subscribed and sworn to before me this 14th day of September
20 06
Notary Public: Kathleen R. Poulton
Date Commission Expires: November 8, 2008

NOTARY PUBLIC - State of Kansas
KATHLEEN R. POULTON
My Appl. Exp. 11-8-08

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

Operator Name: OXY USA Inc. Lease Name: Austin A Well #: 4

Sec. 9 Twp. 33 S. R. 42W East West County: Morton

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Chase	2080	1436
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Wabaunsee	2661	855
List All E. Logs Run:	AHV Calculation Induction	Shawnee	2900	616
Sonic	Neutron Microlog	Heebner Shale	3214	302
CBL	Geological Report	Toronto	3220	296
		Lansing	3291	225
		Kansas City	3523	-7
		(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	17 1/2	13 3/8	48	624	C	420	35/65 Poz C + Additives
					C	195	Class C + Additives
Surface	12 1/4	8 5/8	24	1690	C	450	35/65 Poz + Additives
					C	195	Class C + Additives
Production	7 7/8	5 1/2	17	5199	H	170	50/50 Poz + Additives
					H	120	50/50 Poz + 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	4782-4816	Acidize - 6400 gls 7.5% MCA-FE	
		Frac-32,095 gls 15# crosslink foamed @ 70%N2,	
		189,724# 20/40 Sand	
	Set WRBP @ 4740'		
4	4510-4526		

TUBING RECORD	Size NA	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. 08/05/06	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil BBLs	Gas Mcf 780	Water Bbls 0	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
 (If vented, Submit ACO-18)

METHOD OF COMPLETION: Other (Specify) _____

Production Interval: _____

Side Three

Operator Name: OXY USA Inc. Lease Name: Austin A Well #: 4

Sec. 9 Twp. 33 S. R. 42W East West County: Morton

<u>Name</u>	<u>Top</u>	<u>Datum</u>
Marmaton	3882	-366
Cherokee	4053	-537
Atoka	4142	-626
Morrow	4385	-869
L2 Sand	4511	-995
Indian Belly	4694	-1178
S2 Sand	4783	-1267
Keyes	4884	-1368
Mississipian	4977	-1461
St. Genevieve	4999	-1483

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Customer OXY RESOURCE CALIFORNIA LLC	Job Number 2205551090
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Well AUSTIN 'A' 4		Location (legal) SEC 9-T33S-R42W		Schlumberger Location Perryton, TX		Job Start 2006-May-20	
Field GREENWOOD		Formation Name/Type		Deviation °		Well MD 650 ft	
County MORTON		State/Province KANSAS		BHP psi		Well TVD 650 ft	
Well Master: 0630700325		API / UWI: 15129217560000		BHST 86 °F		BHCT °F	
Rig Name CHEYENNE 1		Drilled For Gas		Service Via Land		Casing/Liner	
Offshore Zone		Well Class New		Well Type Development		Depth, ft 628	
Drilling Fluid Type		Max. Density lb/gal		Plastic Vt. cp		Size, In 17 in	
Service Line Cementing		Job Type Cem Conductor Casing		Weight, lb/ft 48		Grade 	
Max. Allowed Tubing Pressure 1500 psi		Max. Allowed Ann. Pressure psi		Wellhead Connection 13 3/8" H&SM		Thread 	
Service Instructions CEMENT 13 3/8" SURFACE CASING WITH: 10 BBL FRESH WATER 420 SK 35:65 POZ:CLASS C + 6% D020 + 2% S001 + 0.25 pps D130 195 SK CLASS C + 2% S001 + 0.125 pps D130		Perforations/Open Hole		Top, ft		Bottom, ft	
				spf		No. of Shots	
				Total Interval ft		Diameter in	
		Treat Down Casing		Displacement 92 bbl		Packer Type 	
		Tubing Vol. bbl		Casing Vol. 99 bbl		Annular Vol. 67 bbl	
				OpenHole Vol 166 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: 200 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: 	
No. Centralizers: 0		Top Plugs: 0		Bottom Plugs: 0		Shoe Depth: 628 ft	
Cement Head Type: Swadge		Job Scheduled For: 2006-May-20 10:00		Arrived on Location: 2006-May-20 10:00		Leave Location: 2006-May-20 14:30	
				Stage Tool Type: ft		Tool Type: ft	
				Stage Tool Depth: ft		Tail Pipe Size: in	
				Collar Type: ft		Tail Pipe Depth: ft	
				Collar Depth: 586 ft		Sqz Total Vol: bbl	

Date	Time	Treating Pressure	Flow Rate	Volume	CMT DENS	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	bbl	lb/gal	bbl/min	bbl	0	
2006-May-20	12:39	0	0.0	0.0	8.32	0.0	0.0	0	
2006-May-20	12:39								Start Job
2006-May-20	12:40	9	0.0	0.0	8.32	0.0	0.0	0	
2006-May-20	12:40	105	1.1	0.1	8.32	0.0	0.5	0	
2006-May-20	12:40								Pressure Test Lines
2006-May-20	12:40	1479	0.0	0.2	8.32	0.1	0.6	0	
2006-May-20	12:41	1332	0.0	0.2	8.32	0.0	0.6	0	
2006-May-20	12:41	27	0.0	0.2	8.32	0.0	0.6	0	
2006-May-20	12:42	27	0.0	0.2	8.31	0.0	0.6	0	
2006-May-20	12:43	55	0.0	0.2	8.31	3.8	1.0	0	
2006-May-20	12:43	82	5.8	2.2	8.31	5.7	3.2	0	
2006-May-20	12:44	50	5.5	5.0	8.32	5.8	6.1	0	
2006-May-20	12:44	55	5.5	5.5	8.32	5.7	6.7	0	
2006-May-20	12:44								Start Pumping Spacer
2006-May-20	12:44	55	5.6	7.8	8.32	5.8	9.0	0	
2006-May-20	12:45	50	5.6	10.6	8.44	5.8	11.9	0	
2006-May-20	12:45								End Spacer
2006-May-20	12:45	55	5.6	11.1	8.57	5.8	12.5	0	
2006-May-20	12:45	60	5.6	11.2	8.59	5.8	12.6	0	
2006-May-20	12:45								Reset Total, Vol = 11.23 bbl
2006-May-20	12:45	69	5.6	0.2	8.65	5.8	0.2	0	
2006-May-20	12:45								Start Mixing Lead Slurry

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Well		Field		Service Date		Customer		Job Number	
AUSTIN 'A' #4		GREENWOOD		06140-May-20		OXY RESOURCE CALIFORNIA LLC		2205551090	
Date	Time	Treating Pressure	Flow Rate	Volume	CMT DENS	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	bbl	lb/gal	bbl/min	bbl	0	
2006-May-20	12:45	78	5.6	2.2	9.72	5.8	2.2	0	
2006-May-20	12:46	101	5.6	5.0	11.23	5.9	5.1	0	
2006-May-20	12:46	133	5.7	7.8	12.24	5.8	8.1	0	
2006-May-20	12:47	142	5.7	10.7	12.66	5.9	11.0	0	
2006-May-20	12:47	119	5.8	13.6	12.45	6.0	13.8	0	
2006-May-20	12:48	142	5.8	16.5	12.41	6.0	16.8	0	
2006-May-20	12:48	146	5.8	19.4	12.31	6.0	19.8	0	
2006-May-20	12:49	133	5.8	22.3	12.25	6.0	22.8	0	
2006-May-20	12:49	137	5.9	25.2	12.26	6.1	25.8	0	
2006-May-20	12:50	133	5.9	28.1	12.24	6.1	28.9	0	
2006-May-20	12:50	128	5.9	31.1	12.24	6.1	31.9	0	
2006-May-20	12:51	137	5.9	34.0	12.24	6.1	35.0	0	
2006-May-20	12:51	137	5.9	37.0	12.27	6.2	38.0	0	
2006-May-20	12:52	133	5.9	39.9	12.26	6.1	41.1	0	
2006-May-20	12:52	133	5.9	42.8	12.25	6.1	44.1	0	
2006-May-20	12:53	124	5.9	45.8	12.13	6.1	47.2	0	
2006-May-20	12:53	128	5.9	48.8	12.24	6.1	50.2	0	
2006-May-20	12:54	124	5.9	51.7	11.82	6.2	53.3	0	
2006-May-20	12:54	128	5.9	54.7	12.19	6.2	56.4	0	
2006-May-20	12:55	133	5.7	57.6	12.45	5.8	59.4	0	
2006-May-20	12:55	128	5.7	60.4	12.39	5.9	62.4	0	
2006-May-20	12:56	133	5.7	63.3	12.36	5.9	65.3	0	
2006-May-20	12:56	137	5.7	66.1	12.38	5.9	68.3	0	
2006-May-20	12:57	128	5.7	69.0	12.37	5.9	71.2	0	
2006-May-20	12:57	128	5.7	71.8	12.35	6.0	74.2	0	
2006-May-20	12:58	128	5.7	74.6	12.35	5.9	77.1	0	
2006-May-20	12:58	124	5.7	77.5	12.27	5.9	80.1	0	
2006-May-20	12:59	128	5.7	80.3	12.25	5.9	83.0	0	
2006-May-20	12:59	133	5.7	83.2	12.24	5.9	86.0	0	
2006-May-20	13:00	128	5.7	86.0	12.08	6.0	88.9	0	
2006-May-20	13:00	124	5.7	88.9	12.31	5.9	91.9	0	
2006-May-20	13:01	133	5.7	91.7	12.20	5.9	94.9	0	
2006-May-20	13:01	137	5.7	94.6	12.48	5.9	97.8	0	
2006-May-20	13:02	133	5.7	97.4	12.40	5.9	100.8	0	
2006-May-20	13:02	128	5.7	100.3	12.40	6.0	103.7	0	
2006-May-20	13:03	128	5.7	103.1	12.37	5.9	106.7	0	
2006-May-20	13:03	133	5.7	106.0	12.47	5.9	109.6	0	
2006-May-20	13:04	137	5.7	108.8	12.52	5.9	112.6	0	
2006-May-20	13:04	137	5.7	111.7	12.48	5.9	115.5	0	
2006-May-20	13:05	133	5.7	114.6	12.36	5.9	118.5	0	
2006-May-20	13:05	128	5.7	117.4	12.34	5.9	121.4	0	
2006-May-20	13:06	128	5.7	120.3	12.30	5.9	124.4	0	
2006-May-20	13:06	124	5.7	123.1	12.29	5.9	127.4	0	
2006-May-20	13:07	124	5.7	126.0	12.25	5.9	130.3	0	
2006-May-20	13:07	128	5.7	128.8	12.21	5.9	133.3	0	
2006-May-20	13:08	124	5.7	131.7	12.30	5.9	136.2	0	
2006-May-20	13:08	128	5.7	134.5	12.37	5.9	139.2	0	
2006-May-20	13:09	133	5.7	137.4	12.37	5.9	142.2	0	
2006-May-20	13:09	124	5.7	140.2	12.05	5.9	145.1	0	
2006-May-20	13:10	133	5.7	143.1	12.33	5.9	148.1	0	
2006-May-20	13:10	137	5.7	146.0	12.50	5.7	151.0	0	
2006-May-20	13:11	142	5.7	148.8	12.51	5.8	154.0	0	
2006-May-20	13:11	142	5.7	151.7	12.53	5.9	156.9	0	
2006-May-20	13:12	124	5.7	154.5	11.94	5.9	159.8	0	

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Well		Field			Service Date		Customer		Job Number
AUSTIN 'A' #4		GREENWOOD			06140-May-20		OXY RESOURCE CALIFORNIA LLC		2205551090
Date	Time	Treating Pressure	Flow Rate	Volume	CMT DENS	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	bbl	lb/gal	bbl/min	bbl	0	
2006-May-20	13:12	133	5.7	157.4	12.60	6.0	162.8	0	
2006-May-20	13:12								End Lead Slurry
2006-May-20	13:12	133	5.7	157.7	12.77	5.9	163.1	0	
2006-May-20	13:12								Reset Total, Vol = 157.75 bbl
2006-May-20	13:12	133	5.7	157.8	12.81	5.9	163.2	0	
2006-May-20	13:12								Start Mixing Tail Slurry
2006-May-20	13:12	137	5.7	0.2	12.88	6.0	0.2	0	
2006-May-20	13:12	137	5.7	0.6	13.01	5.9	0.6	0	
2006-May-20	13:12								Reset Total, Vol = 0.57 bbl
2006-May-20	13:13	169	5.7	2.5	13.56	5.8	2.6	0	
2006-May-20	13:13	179	5.7	5.3	14.03	5.9	5.5	0	
2006-May-20	13:14	192	5.7	8.2	14.43	5.9	8.5	0	
2006-May-20	13:14	197	5.7	11.0	14.57	5.9	11.4	0	
2006-May-20	13:15	206	5.7	13.9	14.69	5.9	14.4	0	
2006-May-20	13:15	192	5.4	16.8	14.87	5.5	17.1	0	
2006-May-20	13:16	197	5.6	19.5	14.94	5.8	20.0	0	
2006-May-20	13:16	211	5.6	22.3	14.88	5.8	22.9	0	
2006-May-20	13:17	183	5.5	25.1	14.70	5.8	25.8	0	
2006-May-20	13:17	188	5.3	27.8	14.73	5.5	28.6	0	
2006-May-20	13:18	179	5.3	30.5	14.78	5.5	31.3	0	
2006-May-20	13:18	188	5.3	33.1	14.91	5.5	34.1	0	
2006-May-20	13:19	179	5.3	35.8	14.97	5.5	36.8	0	
2006-May-20	13:19	179	5.3	38.5	14.95	5.5	39.6	0	
2006-May-20	13:20	174	5.3	41.1	14.96	5.5	42.3	0	
2006-May-20	13:20	188	5.3	43.8	14.94	5.5	45.1	0	
2006-May-20	13:21	92	3.6	45.7	14.76	3.9	47.2	0	
2006-May-20	13:21	119	3.7	47.5	14.78	4.5	49.2	0	
2006-May-20	13:21	-5	0.0	47.7	14.75	0.0	49.7	0	
2006-May-20	13:21								End Tail Slurry
2006-May-20	13:21								Reset Total, Vol = 47.11 bbl
2006-May-20	13:21	-5	0.0	0.0	14.75	0.0	0.0	0	
2006-May-20	13:22	-5	0.0	0.0	14.04	0.0	0.0	0	
2006-May-20	13:23	-5	0.0	0.0	12.37	0.0	0.0	0	
2006-May-20	13:23	-5	0.0	0.0	10.41	0.0	0.0	0	
2006-May-20	13:24								Start Displacement
2006-May-20	13:24	73	0.0	0.0	9.05	1.9	0.1	0	
2006-May-20	13:24	78	0.0	0.0	8.95	2.4	0.1	0	
2006-May-20	13:24	78	5.0	2.2	8.90	5.4	2.5	0	
2006-May-20	13:25	50	5.2	4.8	8.76	5.6	5.2	0	
2006-May-20	13:25	46	5.3	7.4	8.34	5.5	8.0	0	
2006-May-20	13:26	50	5.2	10.0	8.41	5.6	10.8	0	
2006-May-20	13:26	46	5.3	12.6	8.47	5.6	13.5	0	
2006-May-20	13:27	46	5.2	15.3	8.35	5.5	16.3	0	
2006-May-20	13:27	46	5.3	17.9	8.33	5.5	19.1	0	
2006-May-20	13:28	50	5.3	20.5	8.35	5.6	21.8	0	
2006-May-20	13:28	50	5.3	23.1	8.36	5.5	24.6	0	
2006-May-20	13:29	55	5.3	25.8	8.34	5.5	27.3	0	
2006-May-20	13:29	60	5.3	28.4	8.34	5.5	30.0	0	
2006-May-20	13:30	60	5.2	31.0	8.34	5.8	32.8	0	
2006-May-20	13:30	60	5.3	33.7	8.35	5.4	35.6	0	
2006-May-20	13:31	78	5.3	36.3	8.33	5.4	38.3	0	
2006-May-20	13:31	87	5.3	39.0	8.34	5.4	41.0	0	
2006-May-20	13:32	87	5.3	41.6	8.34	5.4	43.7	0	
2006-May-20	13:32	87	5.3	44.2	8.34	5.4	46.4	0	

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Well		Field			Service Date		Customer		Job Number	
AUSTIN 'A' #4		GREENWOOD			06140-May-20		OXY RESOURCE CALIFORNIA LLC		2205551090	
Date	Time	Treating Pressure	Flow Rate	Volume	CMT DENS	Flowmeter Rate	Flowmeter Tot	0	Message	
	24 hr clock	psi	bbl/min	bbl	lb/gal	bbl/min	bbl	0		
2006-May-20	13:33	96	5.3	46.9	8.34	5.4	49.1	0		
2006-May-20	13:33	110	5.3	49.6	8.34	5.4	51.9	0		
2006-May-20	13:34	114	5.3	52.2	8.34	5.4	54.6	0		
2006-May-20	13:34	114	5.3	54.9	8.34	5.4	57.3	0		
2006-May-20	13:35	133	5.3	57.5	8.33	5.4	60.0	0		
2006-May-20	13:35	142	5.3	60.2	8.34	5.4	62.7	0		
2006-May-20	13:36	142	5.3	62.8	8.33	5.4	65.4	0	KCC	
2006-May-20	13:36	156	5.3	65.5	8.33	5.4	68.1	0	SEP 14 2006	
2006-May-20	13:37	169	5.3	68.2	8.33	5.4	70.8	0	CONFIDENTIAL	
2006-May-20	13:37	169	5.3	70.8	8.34	5.4	73.5	0		
2006-May-20	13:38	183	5.3	73.5	8.34	5.4	76.2	0		
2006-May-20	13:38	183	5.3	76.1	8.33	5.4	78.9	0		
2006-May-20	13:39	197	5.3	78.8	8.33	5.4	81.6	0		
2006-May-20	13:39	206	5.3	81.5	8.33	5.3	84.3	0		
2006-May-20	13:40	252	5.3	84.1	8.33	4.9	86.9	0		
2006-May-20	13:40	188	3.6	86.1	8.33	3.7	89.0	0		
2006-May-20	13:41	188	3.7	88.0	8.33	3.7	90.8	0		
2006-May-20	13:41	211	3.6	89.8	8.33	3.6	92.7	0		
2006-May-20	13:42	197	3.6	91.6	8.33	3.6	94.5	0		
2006-May-20	13:42	151	0.0	92.2	8.33	0.5	95.2	0		
2006-May-20	13:42								End Displacement	
2006-May-20	13:42								Reset Total, Vol = 92.18 bbl	
2006-May-20	13:42	151	0.0	92.2	8.33	0.2	95.2	0		
2006-May-20	13:42	156	0.0	0.0	8.33	0.0	0.0	0		
2006-May-20	13:43	5	0.0	0.0	8.34	0.0	0.0	0		
2006-May-20	13:43								End Job	
2006-May-20	13:43	5	0.0	0.0	8.34	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	210	0	10	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density	
					bbl	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	120	bbl
%	210 bbl	92 bbl	°F	<input type="checkbox"/> Washed Thru Perfs	To	ft	
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> CirculationLost	
Hanna, Rusty			Ahrends, Timothy			<input checked="" type="checkbox"/> Job Completed	

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Date	05/20/06
Company	OXY
Job Number	2205551090
Well Name	Austin
Well Number	A 4
County	Morton
State	KS

Schlumberger

Pipe Size	13 3/8	
Pipe Weight	48	24
Pipe Depth	628	
Shoe Length	42	
Insert Depth	586	
Hole Size	17	
Hole Depth	630	

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1st System	
420 sacks	C
2.18 yield	D132,D20,S1,D130
12.2 weight	
12.3 water	123
cubic ft.	916
height	1525
bbls	163

Pipe Volume	99
Annular Volume	67
Total Cement	210
Total Water	244

Pipe Factor	0.157	0.0637
Annular Factor	0.1070	
Height Factor	1.6652	

2nd System	
195 sacks	C
1.34 yield	S1,D130
14.8 weight	
6.3 water	29
cubic ft.	261
height	435
bbls	46.5

Casing lift	215
Cement lift	163

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

Test 2000

0 Mud

10 Spacer

163 Lead **12.2**

47 Tail **14.8**

92.0 Displacement

1000 Maximum Pressure

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

Pump time @ 6 BPM

50 MIN

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Customer OXY RESOURCE CALIFORNIA LLC		Job Number 2205551091		
Well AUSTIN 'A' 4		Location (legal) SEC 9-T33S-R42W		
Schlumberger Location Perryton, TX		Job Start 2006-May-22		
Field GREENWOOD	Formation Name/Type	Deviation °	Bit Size 12.3 in	
Well MD 1,690 ft		Well TVD 1,690 ft		
County MORTON	State/Province KANSAS	BHP psi	BHST 96 °F	
Well Master: 0630700325		API / UWI: 15129217560000		
Rig Name CHEYENNE 1		Service Via		
Drilled For Gas		Depth, ft 1690	Size, in 8.63	
Well Class New		Weight, lb/ft 24	Grade	
Well Type Development		Thread		
Offshore Zone		Tubing/Drill Pipe		
Max. Density lb/gal		Depth,	Size, in	
Plastic VI: cp		Weight, lb/ft	Grade	
Service Line Cementing		Job Type Cem Surface Casing		
Max. Allowed Tubing Pressure 1500 psi		Max. Allowed Ann. Pressure psi		
Wellhead Connection 8 5/8" H&S M		Perforations/Open Hole		
Service Instructions CEMENT 8 5/8" SURFACE CASING WITH: 10 BBL FRESH WATER 450 SK 35:65 POZ:CLASS C + 6% D020 + 2% S001 + 0.25 pps D130 195 SK CLASS C + 2% S001 + 0.125 pps D130		Top, ft	Bottom, ft	
		spf	No. of Shots	
		Total Interval ft		Diameter in
		Treat Down Casing	Displacement 105 bbl	Packer Type
Tubing Vol. bbl	Casing Vol. 108 bbl	Annular Vol. 124 bbl	Open Hole Vol. 232 bbl	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>		
Lift Pressure: 400 psi		Shoe Type:		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		
Shoe Depth: 1690 ft		Squeeze Type		
No. Centralizers: 1		Top Plugs: 1		
Bottom Plugs: 0		Stage Tool Type:		
Cement Head Type: Single		Stage Tool Depth: ft		
Job Scheduled For:		Collar Type:		
Arrived on Location: 2006-May-22 11:30		Collar Depth: 1646 ft		
Leave Location: 2006-May-22 15:30		Tail Pipe Size: in		
		Tail Pipe Depth: ft		
		Sqz Total Vol: bbl		

Date	Time	Treating Pressure psi	Flow Rate bbl/min	Volume bbl	CMT DENS lb/gal	Flowmeter Rate bbl/min	Flowmeter Tot bbl	0	0	0	Message
2006-May-22	13:25	4	0.0	0.0	8.32	0.0	0.0	0	0	0	
2006-May-22	13:25										Start Job
2006-May-22	13:29	4	0.0	0.0	8.31	0.0	0.0	0	0	0	
2006-May-22	13:29										Pressure Test Lines
2006-May-22	13:29	31	1.7	0.1	8.24	2.0	0.2	0	0	0	
2006-May-22	13:30	81	0.5	0.4	8.31	0.1	1.8	0	0	0	
2006-May-22	13:30	1954	0.0	0.6	8.33	0.0	1.9	0	0	0	
2006-May-22	13:31	13	0.0	0.6	8.33	0.0	1.9	0	0	0	
2006-May-22	13:31										Start Pumping Spacer
2006-May-22	13:31	13	0.0	0.6	8.32	0.0	1.9	0	0	0	
2006-May-22	13:32	77	3.7	0.8	8.32	3.6	2.3	0	0	0	
2006-May-22	13:32	68	4.4	2.9	8.09	4.7	4.4	0	0	0	
2006-May-22	13:33	68	4.5	5.1	8.32	4.7	6.8	0	0	0	
2006-May-22	13:33	86	5.1	7.4	8.32	5.2	9.1	0	0	0	
2006-May-22	13:34	68	5.2	10.0	8.33	5.3	11.8	0	0	0	
2006-May-22	13:34										Reset Total, Vol = 10.36 bbl
2006-May-22	13:34	81	5.2	10.4	8.38	5.3	12.1	0	0	0	
2006-May-22	13:34	86	5.2	2.3	8.71	5.4	2.3	0	0	0	
2006-May-22	13:35	77	5.2	2.7	8.95	5.5	2.8	0	0	0	
2006-May-22	13:35										Start Cement Slurry
2006-May-22	13:35	100	5.2	4.9	9.92	5.5	5.1	0	0	0	
2006-May-22	13:35	127	5.3	7.5	10.77	5.5	7.8	0	0	0	

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Well		Field			Service Date		Customer		Job Number
AUSTIN 'A' #4		GREENWOOD			06142-May-22		OXY RESOURCE CALIFORNIA LLC		2205551091
Date	Time	Treating Pressure	Flow Rate	Volume	CMT DENS	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	bbl	lb/gal	bbl/min	bbl	0	
2006-May-22	13:36	141	5.3	10.2	11.66	5.6	10.6	0	
2006-May-22	13:36	136	5.3	12.8	12.07	5.5	13.4	0	
2006-May-22	13:37	150	5.3	15.5	12.40	5.6	16.1	0	
2006-May-22	13:37	155	5.4	18.2	12.50	5.6	18.9	0	
2006-May-22	13:38	150	5.4	20.9	12.50	5.6	21.7	0	
2006-May-22	13:38	136	5.4	23.5	12.45	5.6	24.5	0	
2006-May-22	13:39	127	5.4	26.2	12.45	5.6	27.3	0	
2006-May-22	13:39	178	6.2	29.2	12.43	6.4	30.2	0	
2006-May-22	13:40	168	6.2	32.3	12.42	6.5	33.5	0	
2006-May-22	13:40	178	6.3	35.4	12.40	6.5	36.7	0	
2006-May-22	13:41	168	6.3	38.6	12.39	6.5	39.9	0	
2006-May-22	13:41	178	6.3	41.7	12.38	6.5	43.2	0	
2006-May-22	13:42	173	6.3	44.9	12.37	6.5	46.5	0	
2006-May-22	13:42	182	6.3	48.1	12.37	6.6	49.8	0	
2006-May-22	13:43	178	6.4	51.2	12.35	6.5	53.1	0	
2006-May-22	13:43	173	6.4	54.4	12.34	6.6	56.4	0	
2006-May-22	13:44	182	6.4	57.6	12.34	6.6	59.7	0	
2006-May-22	13:44	168	6.4	60.8	11.96	6.6	63.0	0	
2006-May-22	13:45	168	6.4	64.0	12.11	6.6	66.3	0	
2006-May-22	13:45	178	6.4	67.2	12.19	6.6	69.6	0	
2006-May-22	13:46	182	6.4	70.4	12.27	6.7	72.9	0	
2006-May-22	13:46	164	6.0	73.5	12.27	6.3	76.1	0	
2006-May-22	13:47	164	6.0	76.5	12.29	6.2	79.2	0	
2006-May-22	13:47	164	6.0	79.5	12.30	6.3	82.4	0	
2006-May-22	13:48	164	6.1	82.5	12.24	6.3	85.5	0	
2006-May-22	13:48	164	6.1	85.6	12.24	6.3	88.6	0	
2006-May-22	13:49	159	6.1	88.6	12.39	6.3	91.8	0	
2006-May-22	13:49	168	6.0	91.6	12.46	6.3	94.9	0	
2006-May-22	13:50	168	6.1	94.6	12.49	6.3	98.1	0	
2006-May-22	13:50	164	6.1	97.7	12.35	6.3	101.2	0	
2006-May-22	13:51	159	6.1	100.7	12.22	6.3	104.4	0	
2006-May-22	13:51	159	6.1	103.7	12.14	6.3	107.5	0	
2006-May-22	13:52	155	6.1	106.8	12.01	6.3	110.7	0	
2006-May-22	13:52	155	6.1	109.8	12.17	6.3	113.8	0	
2006-May-22	13:53	164	6.1	112.8	12.45	6.3	116.9	0	
2006-May-22	13:53	173	6.1	115.9	12.25	6.4	120.1	0	
2006-May-22	13:54	155	6.1	118.9	12.23	6.4	123.2	0	
2006-May-22	13:54	159	6.1	122.0	12.24	6.4	126.4	0	
2006-May-22	13:55	164	6.1	125.0	12.36	6.3	129.6	0	
2006-May-22	13:55	164	6.1	128.1	12.48	6.3	132.7	0	
2006-May-22	13:56	168	6.1	131.1	12.46	6.3	135.9	0	
2006-May-22	13:56	168	6.1	134.2	12.48	6.3	139.1	0	
2006-May-22	13:57	182	6.4	137.3	12.43	6.6	142.3	0	
2006-May-22	13:57	182	6.4	140.5	12.36	6.6	145.5	0	
2006-May-22	13:58	178	6.4	143.6	12.25	6.6	148.8	0	
2006-May-22	13:58	173	6.4	146.8	12.15	6.6	152.1	0	
2006-May-22	13:59	168	6.4	150.0	12.10	6.6	155.4	0	
2006-May-22	13:59	173	6.4	153.2	12.14	6.6	158.7	0	
2006-May-22	14:00	168	6.4	156.4	12.15	6.6	162.0	0	
2006-May-22	14:00	178	6.4	159.6	12.17	6.6	165.3	0	
2006-May-22	14:01	173	6.4	162.8	12.21	6.6	168.6	0	
2006-May-22	14:01	173	6.4	166.0	12.19	6.6	171.9	0	
2006-May-22	14:02	168	6.4	169.1	12.19	6.6	175.2	0	
2006-May-22	14:02	114	5.1	172.0	12.14	5.3	178.3	0	

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Well		Field			Service Date		Customer		Job Number
AUSTIN 'A' #4		GREENWOOD			06142-May-22		OXY RESOURCE CALIFORNIA LLC		2205551091
Date	Time	Treating Pressure	Flow Rate	Volume	CMT DENS	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	bbl	lb/gal	bbl/min	bbl	0	
2006-May-22	14:03	123	5.1	174.6	12.09	5.3	181.0	0	
2006-May-22	14:03	77	3.6	176.9	12.44	4.1	183.5	0	
2006-May-22	14:04								Reset Total, Vol = 177.70 bbl
2006-May-22	14:04	123	4.8	177.7	13.06	4.3	184.4	0	
2006-May-22	14:04	132	4.9	0.4	13.29	4.9	0.4	0	
2006-May-22	14:04								Start Mixing Tail Slurry
2006-May-22	14:04	141	4.8	1.4	13.88	5.0	1.4	0	
2006-May-22	14:04	155	4.8	3.8	14.39	5.0	3.9	0	
2006-May-22	14:05	159	4.8	6.2	14.50	5.0	6.4	0	
2006-May-22	14:05	155	4.8	8.6	14.48	5.0	8.9	0	
2006-May-22	14:06	150	4.8	11.0	14.62	5.0	11.4	0	
2006-May-22	14:06	146	4.8	13.4	14.64	5.0	13.9	0	
2006-May-22	14:07	164	4.8	15.8	14.89	5.0	16.4	0	
2006-May-22	14:07	164	4.8	18.3	14.93	5.0	18.9	0	
2006-May-22	14:08	118	4.1	20.4	14.94	4.3	21.1	0	
2006-May-22	14:08	118	4.1	22.4	14.92	4.3	23.3	0	
2006-May-22	14:09	123	4.1	24.5	14.81	4.3	25.4	0	
2006-May-22	14:09	114	4.1	26.5	14.72	4.3	27.6	0	
2006-May-22	14:10	114	4.1	28.6	14.75	4.3	29.7	0	
2006-May-22	14:10	123	4.1	30.6	14.81	4.3	31.9	0	
2006-May-22	14:11	200	5.3	33.1	15.01	5.5	34.4	0	
2006-May-22	14:11	214	5.6	35.8	15.10	5.8	37.2	0	
2006-May-22	14:12	205	5.6	38.6	15.09	5.8	40.1	0	
2006-May-22	14:12	127	4.2	40.7	15.07	4.4	42.4	0	
2006-May-22	14:13	123	4.2	42.8	15.14	4.4	44.6	0	
2006-May-22	14:13	127	4.2	45.0	14.91	4.4	46.8	0	
2006-May-22	14:14	123	3.6	46.9	14.88	4.4	49.0	0	
2006-May-22	14:14								End Cement Slurry
2006-May-22	14:14	-5	0.0	48.6	14.75	3.3	51.1	0	
2006-May-22	14:14	-5	0.0	48.6	14.65	2.3	51.1	0	
2006-May-22	14:15	-1	0.0	48.6	14.88	0.0	51.2	0	
2006-May-22	14:15	-1	0.0	48.6	14.02	0.0	51.2	0	
2006-May-22	14:16	4	0.0	48.6	13.19	0.0	51.2	0	
2006-May-22	14:16	4	0.0	48.6	11.23	0.0	51.2	0	
2006-May-22	14:17								Drop Top Plug
2006-May-22	14:17	4	0.0	48.6	11.10	0.0	51.2	0	
2006-May-22	14:17								Reset Total, Vol = 48.57 bbl
2006-May-22	14:17	4	0.0	48.6	10.95	0.0	51.2	0	
2006-May-22	14:17	4	0.0	0.0	10.84	0.0	0.0	0	
2006-May-22	14:17								Start Displacement
2006-May-22	14:17	4	0.0	0.0	10.44	0.0	0.0	0	
2006-May-22	14:17	4	0.0	0.0	10.18	0.0	0.0	0	
2006-May-22	14:18	136	4.5	0.3	9.07	3.3	0.2	0	
2006-May-22	14:18	77	5.4	2.8	8.95	5.7	2.7	0	
2006-May-22	14:19	54	5.4	5.5	8.38	5.7	5.6	0	
2006-May-22	14:19	36	5.4	8.2	8.34	5.7	8.5	0	
2006-May-22	14:20	40	5.4	10.9	8.45	5.8	11.3	0	
2006-May-22	14:20	54	5.4	13.6	8.47	5.8	14.2	0	
2006-May-22	14:21	54	5.4	16.4	8.33	5.7	17.1	0	
2006-May-22	14:21	59	5.5	19.1	8.33	5.7	19.9	0	
2006-May-22	14:22	72	5.4	21.8	8.37	5.6	22.7	0	
2006-May-22	14:22	81	5.4	24.5	8.36	5.6	25.5	0	
2006-May-22	14:23	81	5.5	25.8	8.33	5.6	26.8	0	
2006-May-22	14:23								cement to surface

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Well		Field			Service Date		Customer		Job Number	
AUSTIN 'A' #4		GREENWOOD			06142-May-22		OXY RESOURCE CALIFORNIA LLC		2205551091	
Date	Time	Treating Pressure	Flow Rate	Volume	CMT DENS	Flowmeter Rate	Flowmeter Tot	0	Message	
	24 hr clock	psi	bbl/min	bbl	lb/gal	bbl/min	bbl	0		
2006-May-22	14:23	91	5.4	27.3	8.33	5.6	28.3	0		
2006-May-22	14:23	95	5.4	30.0	8.34	5.6	31.1	0		
2006-May-22	14:24	100	5.5	32.7	8.34	5.6	33.9	0		
2006-May-22	14:24	109	5.5	35.5	8.33	5.6	36.7	0		
2006-May-22	14:25	132	5.5	38.2	8.33	5.6	39.5	0		
2006-May-22	14:25	164	6.1	41.0	8.34	6.1	42.4	0		
2006-May-22	14:26	182	6.0	44.0	8.34	6.2	45.5	0		
2006-May-22	14:26	196	6.1	47.1	8.33	6.2	48.5	0		
2006-May-22	14:27	210	6.1	50.1	8.33	6.1	51.6	0		
2006-May-22	14:27	219	6.1	53.1	8.33	6.2	54.7	0		
2006-May-22	14:28	242	6.1	56.2	8.33	6.1	57.8	0		
2006-May-22	14:28	260	6.1	59.2	8.33	7.5	60.9	0		
2006-May-22	14:29	278	6.1	62.2	8.33	6.1	64.1	0		
2006-May-22	14:29	297	6.1	65.3	8.33	6.2	67.2	0		
2006-May-22	14:30	320	6.1	68.3	8.33	6.2	70.3	0		
2006-May-22	14:30	338	6.1	71.4	8.33	6.2	73.4	0		
2006-May-22	14:31	365	6.1	74.4	8.33	6.2	76.5	0		
2006-May-22	14:31	388	6.1	77.5	8.33	6.2	79.6	0		
2006-May-22	14:32	411	6.1	80.5	8.33	6.2	82.7	0		
2006-May-22	14:32	429	6.1	83.6	8.33	6.2	85.7	0		
2006-May-22	14:33	452	6.1	86.6	8.33	6.2	88.8	0		
2006-May-22	14:33	471	6.1	89.7	8.33	6.2	91.9	0		
2006-May-22	14:34	498	6.1	92.7	8.33	6.2	95.0	0		
2006-May-22	14:34	521	6.1	95.8	8.33	6.1	98.0	0		
2006-May-22	14:35	535	6.1	98.8	8.33	6.1	101.1	0		
2006-May-22	14:35	420	2.2	100.6	8.33	2.2	103.1	0		
2006-May-22	14:36	429	2.1	101.7	8.33	2.1	104.2	0		
2006-May-22	14:36	475	2.1	102.8	8.33	2.1	105.3	0		
2006-May-22	14:37	1061	0.0	103.4	8.33	0.4	106.0	0		
2006-May-22	14:37								Bump Top Plug	
2006-May-22	14:37	1052	0.0	103.4	8.33	0.0	106.0	0		
2006-May-22	14:37	965	0.0	103.4	8.33	0.0	106.0	0		
2006-May-22	14:38	4	0.0	103.4	8.33	0.0	106.0	0		

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Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
5			6	221	0	10	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Volume		Density	
			1000			bbl lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume		60 bbl	
%	221 bbl	105 bbl	°F	<input type="checkbox"/> Washed Thru Perfs To		ft	
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> CirculationLost	
Willimon, Wes			Ahrends, Timothy			<input checked="" type="checkbox"/> Job Completed	

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Date	05/22/06
Company	OXY
Job Number	2205551091
Well Name	Austin
Well Number	A 4
County	Morton
State	KS

Schlumberger

Pipe Size	8 5/8	
Pipe Weight	24	24
Pipe Depth	1690	
Shoe Length	44	
Insert Depth	1646	
Hole Size	12 1/4	
Hole Depth	1690	

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1st System	
450 sacks	C
2.18 yield	D132,D20,S1,D130
12.2 weight	
12.3 water	132
cubic ft.	981
height	2377
bbls	175

Pipe Volume	108
232 Annular Volume	124
Total Cement	221
Total Water	266

Pipe Factor	0.0637	0.0637
Annular Factor	0.0735	
Height Factor	2.4231	

2nd System	
195 sacks	C
1.34 yield	S1,D130
14.8 weight	
6.3 water	29
cubic ft.	261
height	633
bbls	46.5

Casing lift 694
 Cement lift 402

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Test 2000 SEP 18 2006

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

0 Mud **KCC WICHITA**

10 Spacer

175 Lead **122**

47 Tail **148**

104.9 Displacement

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

1000 Maximum Pressure

Pump time @ 6 BPM

54 MIN

Customer OXY RESOURCE CALIFORNIA LLC						Job Number 2205551145					
Well AUSTIN 'A' 4			Location (legal) SEC 9-T33S-R42W			Schlumberger Location Perryton, TX			Job Start 2006-May-30		
Field GREENWOOD		Formation Name/Type Dirty-Sandstone		Deviation °		Bit Size 7.88 in	Well MD 5,205 ft	Well TVD 5,205 ft			
County MORTON		State/Province KANSAS		BHP psi	BHST 134 °F	BHCT 105 °F	Pore Press. Gradient psi/ft				
Well Master: 0630700325		API / UWI: 15129217560000		Casing/Liner							
Rig Name MURFIN 25	Drilled For Gas		Service Via Land		Depth, ft 5205	Size, in 5.5	Weight, lb/ft 17	Grade J55	Thread 8RD		
Offshore Zone	Well Class New	Well Type Development			Tubing/Drill Pipe						
Drilling Fluid Type Bentonite		Max. Density 8.9 lb/gal	Plastic Vt: cp 25		Depth,	Size, in	Weight, lb/ft	Grade	Thread		
Service Line Cementing	Job Type Cem Prod Casing				Perforations/Open Hole						
Max. Allowed Tubing Pressure 1500 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" CASING IN 2-STGS: STG 1 - 10 bbls CW100 170 sks 50/50 Poz:H + Adds STG 2 - 10 bbls CW100 120 sks 50/50 Poz:H 25 sks for Rat & Mouse Hole.					Diameter in	Treat Down Casing	Displacement 120.5 bbl	Packer Type STAGE TOOL	Packer Depth 3805 ft		
					Tubing Vol. bbl	Casing Vol. 121 bbl	Annular Vol. 161 bbl	OpenHole Vol 314 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: 3950 psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Type: Guide	Shoe Depth: 5205 ft	Squeeze Type	Tool Type:
No. Centralizers: 20	Top Plugs: 2	Bottom Plugs:	Stage Tool Type: DV Tool	Stage Tool Depth: 3805 ft	Tool Depth: ft	Tool Depth: in					
Cement Head Type: Single			Collar Type: Auto-Fill	Collar Depth: 5176 ft	Tall Pipe Size: ft	Tall Pipe Depth: ft					
Job Scheduled For:	Arrived on Location: 2006-May-30 6:15		Leave Location: 2006-May-30 14:30		Sgq 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-May-30	8:05	13	0.0	8.31	0.0	0.0	0	0			
2006-May-30	8:05	13	0.0	8.31	0.0	0.0	0	0			
2006-May-30	8:05								Start Job		
2006-May-30	8:05								Start 1st Stage		
2006-May-30	8:05	13	0.0	8.31	0.0	0.0	0	0			
2006-May-30	8:05	13	0.0	8.31	0.0	0.0	0	0			
2006-May-30	8:05								Pressure Test Lines		
2006-May-30	8:05	13	0.0	8.31	0.0	0.0	0	0			
2006-May-30	8:06	13	0.0	8.32	0.0	0.0	0	0			
2006-May-30	8:06	283	2.1	8.31	0.9	0.9	0	0			
2006-May-30	8:07	210	2.1	8.31	2.0	2.0	0	0			
2006-May-30	8:07	77	0.0	8.31	2.1	2.1	0	0			
2006-May-30	8:08	118	0.0	8.31	2.1	2.1	0	0			
2006-May-30	8:08	2036	0.0	8.30	2.1	2.1	0	0			
2006-May-30	8:09	1995	0.0	8.31	2.1	2.1	0	0			
2006-May-30	8:09								Reset Total, Vol = 2.10 bbl		
2006-May-30	8:09	1990	0.0	8.31	2.1	2.1	0	0			
2006-May-30	8:09	1986	0.0	8.31	0.0	0.0	0	0			
2006-May-30	8:09								Start Pumping Wash		
2006-May-30	8:09	1981	0.0	8.31	0.0	0.0	0	0			
2006-May-30	8:10	4	1.9	8.31	0.1	0.1	0	0			
2006-May-30	8:10	49	0.0	8.30	0.2	0.2	0	0			

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Well		Field			Service Date		Customer		Job Number
AUSTIN 'A' #4		GREENWOOD			06150-May-30		OXY RESOURCE CALIFORNIA LLC		2205551145
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-May-30	8:11	352	3.5	8.31	0.7	0.7	0	0	
2006-May-30	8:11	416	5.5	8.33	3.3	3.3	0	0	
2006-May-30	8:12	411	5.5	8.33	6.0	6.0	0	0	
2006-May-30	8:12	393	5.6	8.32	8.8	8.8	0	0	
2006-May-30	8:13								Reset Total, Vol = 10.58 bbl
2006-May-30	8:13	393	5.6	8.32	10.6	10.6	0	0	
2006-May-30	8:13	411	5.6	8.32	0.3	0.3	0	0	
2006-May-30	8:13								End Wash
2006-May-30	8:13	402	5.6	8.33	0.4	0.4	0	0	
2006-May-30	8:13								Start Pumping Spacer
2006-May-30	8:13	406	5.6	8.33	1.0	1.0	0	0	
2006-May-30	8:13	425	5.7	8.31	3.9	3.9	0	0	
2006-May-30	8:13								Reset Total, Vol = 4.78 bbl
2006-May-30	8:13	45	4.1	8.30	4.8	4.8	0	0	
2006-May-30	8:13								End Spacer
2006-May-30	8:13	68	2.8	8.30	0.1	0.1	0	0	
2006-May-30	8:14	49	0.0	8.31	0.2	0.2	0	0	
2006-May-30	8:14								Batch mix for rat and mouse hole
2006-May-30	8:14	49	0.0	8.31	0.2	0.2	0	0	
2006-May-30	8:14	45	2.9	10.57	0.2	0.2	0	0	
2006-May-30	8:15	45	3.0	12.32	0.2	0.2	0	0	
2006-May-30	8:15	17	3.0	13.81	0.2	0.2	0	0	
2006-May-30	8:16	109	3.3	13.98	0.5	0.5	0	0	
2006-May-30	8:16	104	2.4	13.88	1.8	1.8	0	0	
2006-May-30	8:17	127	2.8	13.88	3.1	3.1	0	0	
2006-May-30	8:17	8	0.0	13.88	3.3	3.3	0	0	
2006-May-30	8:18	13	0.0	13.90	3.3	3.3	0	0	
2006-May-30	8:18	13	0.0	13.91	3.3	3.3	0	0	
2006-May-30	8:19	13	0.0	13.91	3.3	3.3	0	0	
2006-May-30	8:19	13	0.0	13.92	3.3	3.3	0	0	
2006-May-30	8:20	13	0.0	13.92	3.3	3.3	0	0	
2006-May-30	8:20	132	2.2	13.90	3.4	3.4	0	0	
2006-May-30	8:21	127	2.9	13.88	4.8	4.8	0	0	
2006-May-30	8:21	123	2.9	13.85	6.2	6.2	0	0	
2006-May-30	8:22	8	3.3	9.73	6.5	6.5	0	0	
2006-May-30	8:22	22	3.1	9.20	6.5	6.5	0	0	
2006-May-30	8:23	86	0.3	9.44	6.5	6.5	0	0	
2006-May-30	8:23								Reset Total, Vol = 6.53 bbl
2006-May-30	8:23	86	0.2	9.51	0.0	0.0	0	0	
2006-May-30	8:23								Start Mixing Tail Slurry
2006-May-30	8:23	297	0.6	9.84	0.0	0.0	0	0	
2006-May-30	8:23	420	4.7	12.19	1.4	1.4	0	0	
2006-May-30	8:24	530	5.6	13.67	4.1	4.1	0	0	
2006-May-30	8:24	526	5.7	14.18	7.0	7.0	0	0	
2006-May-30	8:25	466	5.7	13.86	9.8	9.8	0	0	
2006-May-30	8:25	443	5.8	13.62	12.7	12.7	0	0	
2006-May-30	8:26	416	5.9	13.70	15.6	15.6	0	0	
2006-May-30	8:26	425	5.9	13.92	18.6	18.6	0	0	
2006-May-30	8:27	388	5.9	13.87	21.6	21.6	0	0	
2006-May-30	8:27	365	6.0	13.84	24.6	24.6	0	0	
2006-May-30	8:28	338	6.1	13.95	27.6	27.6	0	0	
2006-May-30	8:28	324	6.1	13.93	30.6	30.6	0	0	
2006-May-30	8:29	301	6.1	13.91	33.6	33.6	0	0	
2006-May-30	8:29	315	6.1	14.04	36.7	36.7	0	0	

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Well			Field		Service Date		Customer		Job Number
AUSTIN 'A' #4			GREENWOOD		06150-May-30		OXY RESOURCE CALIFORNIA LLC		2205551145
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-May-30	8:30	287	6.1	13.96	39.7	39.7	0	0	
2006-May-30	8:30	306	6.1	14.01	42.7	42.7	0	0	
2006-May-30	8:31	146	3.5	14.41	45.1	45.1	0	0	
2006-May-30	8:31	141	3.5	14.42	46.8	46.8	0	0	
2006-May-30	8:32								Reset Total, Vol = 48.43 bbl
2006-May-30	8:32	-1	1.9	13.74	48.4	48.4	0	0	
2006-May-30	8:32	-1	0.8	13.62	0.0	0.0	0	0	
2006-May-30	8:32								End Tail Slurry
2006-May-30	8:32	-1	0.3	13.60	0.1	0.1	0	0	
2006-May-30	8:32								Drop Top Plug
2006-May-30	8:32	-1	0.2	13.60	0.1	0.1	0	0	
2006-May-30	8:32								Start Displacement
2006-May-30	8:32	4	0.0	13.54	0.1	0.1	0	0	
2006-May-30	8:33	8	0.0	11.79	0.1	0.1	0	0	
2006-May-30	8:33	8	0.0	10.52	0.1	0.1	0	0	
2006-May-30	8:34	127	1.8	9.16	0.1	0.1	0	0	
2006-May-30	8:34	13	0.3	9.13	0.1	0.1	0	0	
2006-May-30	8:35	86	2.2	9.04	0.1	0.1	0	0	
2006-May-30	8:35	118	3.8	9.02	0.1	0.1	0	0	
2006-May-30	8:36	109	3.6	8.41	0.1	0.1	0	0	
2006-May-30	8:36	104	3.8	8.34	0.1	0.1	0	0	
2006-May-30	8:37	95	3.8	8.35	0.1	0.1	0	0	
2006-May-30	8:37	228	5.9	8.34	0.1	0.1	0	0	
2006-May-30	8:38	223	6.4	8.12	0.1	0.1	0	0	
2006-May-30	8:38	228	6.4	8.05	0.1	0.1	0	0	
2006-May-30	8:39	22	0.1	8.32	0.1	0.1	0	0	
2006-May-30	8:39	13	0.0	8.32	0.1	0.1	0	0	
2006-May-30	8:40	77	4.8	8.31	0.4	0.5	0	0	
2006-May-30	8:40	81	5.4	8.32	3.0	3.1	0	0	
2006-May-30	8:41	91	5.7	8.32	5.9	5.9	0	0	
2006-May-30	8:41	86	5.7	8.32	8.7	8.8	0	0	
2006-May-30	8:42	91	5.7	8.32	11.5	11.6	0	0	
2006-May-30	8:42	95	5.8	8.32	14.4	14.5	0	0	
2006-May-30	8:43	86	5.7	8.32	17.2	17.3	0	0	
2006-May-30	8:43	86	5.8	8.32	20.1	20.2	0	0	
2006-May-30	8:44	86	5.8	8.32	23.0	23.1	0	0	
2006-May-30	8:44	86	5.8	8.32	25.9	26.0	0	0	
2006-May-30	8:45	86	5.8	8.32	28.8	28.9	0	0	
2006-May-30	8:45	86	5.8	8.32	31.7	31.7	0	0	
2006-May-30	8:46	77	5.7	8.32	34.6	34.7	0	0	
2006-May-30	8:46	77	5.4	8.32	37.3	37.4	0	0	
2006-May-30	8:47	77	5.4	8.32	38.3	38.4	0	0	
2006-May-30	8:47								Reset Total, Vol = 40.58 bbl
2006-May-30	8:47	81	5.2	8.74	40.0	40.1	0	0	
2006-May-30	8:47	-1	0.0	8.73	0.1	40.8	0	0	
2006-May-30	8:48	-1	0.0	8.73	0.1	40.8	0	0	
2006-May-30	8:48	-1	0.0	8.73	0.1	40.8	0	0	
2006-May-30	8:49	-1	0.0	8.73	0.1	40.8	0	0	
2006-May-30	8:49	-1	0.0	8.73	0.1	40.8	0	0	
2006-May-30	8:50	-1	0.0	8.75	0.1	40.8	0	0	
2006-May-30	8:50	-1	0.0	8.75	0.1	40.8	0	0	
2006-May-30	8:51	-1	0.0	8.75	0.1	40.8	0	0	
2006-May-30	8:51	-1	0.0	8.76	0.1	40.8	0	0	
2006-May-30	8:52	-1	0.0	8.76	0.1	40.8	0	0	

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Well		Field			Service Date		Customer		Job Number
AUSTIN 'A' #4		GREENWOOD			06150-May-30		OXY RESOURCE CALIFORNIA LLC		2205551145
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-May-30	8:52	81	5.2	8.95	1.2	41.9	0	0	
2006-May-30	8:53	95	5.5	8.97	3.9	44.5	0	0	
2006-May-30	8:53	100	5.8	8.97	6.7	47.4	0	0	
2006-May-30	8:54	104	5.8	8.97	9.7	50.3	0	0	
2006-May-30	8:54	104	5.9	8.97	12.6	53.2	0	0	
2006-May-30	8:55	104	5.9	8.97	15.5	56.2	0	0	
2006-May-30	8:55	109	5.9	8.97	18.5	59.1	0	0	
2006-May-30	8:56	109	5.9	8.97	21.5	62.1	0	0	
2006-May-30	8:56	109	6.0	8.97	24.4	65.1	0	0	
2006-May-30	8:57	109	6.0	8.97	27.4	68.1	0	0	
2006-May-30	8:57	109	6.0	8.97	30.4	71.1	0	0	
2006-May-30	8:58	104	6.0	8.97	33.5	74.2	0	0	
2006-May-30	8:58	104	6.0	8.97	36.5	77.2	0	0	
2006-May-30	8:59	109	6.0	8.97	39.5	80.1	0	0	
2006-May-30	8:59	109	6.0	8.97	42.5	83.1	0	0	
2006-May-30	9:00	77	5.2	8.96	45.4	86.1	0	0	
2006-May-30	9:00	45	3.7	8.97	47.4	88.1	0	0	
2006-May-30	9:01	45	3.7	8.97	49.2	89.9	0	0	
2006-May-30	9:01	45	3.6	8.97	51.1	91.7	0	0	
2006-May-30	9:02	68	2.7	8.97	52.5	93.2	0	0	
2006-May-30	9:02	200	3.9	8.96	54.0	94.6	0	0	
2006-May-30	9:03	265	5.2	8.96	56.4	97.1	0	0	
2006-May-30	9:03	338	5.6	8.96	59.2	99.8	0	0	
2006-May-30	9:04	388	5.6	8.96	62.0	102.6	0	0	
2006-May-30	9:04	425	5.7	8.96	64.8	105.5	0	0	
2006-May-30	9:05	466	5.6	8.96	67.6	108.3	0	0	
2006-May-30	9:05	521	5.7	8.97	70.5	111.1	0	0	
2006-May-30	9:06	379	2.6	8.97	72.5	113.1	0	0	
2006-May-30	9:06	411	2.6	8.97	73.7	114.4	0	0	
2006-May-30	9:07	425	2.5	8.97	75.0	115.7	0	0	
2006-May-30	9:07	457	2.5	8.97	76.3	116.9	0	0	
2006-May-30	9:08	484	2.5	8.97	77.5	118.2	0	0	
2006-May-30	9:08	507	2.5	8.97	78.8	119.4	0	0	
2006-May-30	9:09	507	2.6	8.97	80.1	120.7	0	0	
2006-May-30	9:09	530	2.6	8.97	81.4	122.1	0	0	
2006-May-30	9:10	535	2.6	8.96	82.7	123.4	0	0	
2006-May-30	9:10	1084	0.0	8.97	83.1	123.8	0	0	
2006-May-30	9:11	1084	0.0	8.99	83.1	123.8	0	0	
2006-May-30	9:11	8	0.0	8.96	83.1	123.8	0	0	
2006-May-30	9:12	13	0.0	8.97	83.1	123.8	0	0	
2006-May-30	9:12	13	0.0	8.96	83.1	123.8	0	0	
2006-May-30	9:13	13	0.0	8.95	83.1	123.8	0	0	
2006-May-30	9:13	13	0.0	8.95	83.1	123.8	0	0	
2006-May-30	9:14	13	0.0	8.95	83.1	123.8	0	0	
2006-May-30	9:14	13	0.0	8.95	83.1	123.8	0	0	
2006-May-30	9:15	13	0.0	8.94	83.1	123.8	0	0	
2006-May-30	9:15	13	0.0	8.94	83.1	123.8	0	0	
2006-May-30	9:16	13	0.0	8.95	83.1	123.8	0	0	
2006-May-30	9:16	13	0.0	8.95	83.1	123.8	0	0	
2006-May-30	9:17	13	0.0	8.95	83.1	123.8	0	0	
2006-May-30	9:17	13	0.0	8.95	83.1	123.8	0	0	
2006-May-30	9:18	13	0.0	8.95	83.1	123.8	0	0	
2006-May-30	9:18	-3750	0.0	-6.25	83.1	123.8	0	0	
2006-May-30	9:19	-3750	0.0	-6.25	83.1	123.8	0	0	

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Well		Field			Service Date		Customer		Job Number
AUSTIN 'A' #4		GREENWOOD			06150-May-30		OXY RESOURCE CALIFORNIA LLC		2205551145
Date	Time	Treating Pressure	Flow Rate	Density	CMT STG VOL	CMT VOL	0	0	Message
	24 hr clock	psi	bbf/min	lb/gal	bbf	bbf	0	0	
2006-May-30	9:19	-3750	0.0	-6.25	83.1	123.8	0	0	
2006-May-30	9:20	-3750	0.0	-6.25	83.1	123.8	0	0	
2006-May-30	9:20	13	0.0	8.96	83.1	123.8	0	0	
2006-May-30	9:20								Reset Total, Vol = 83.12 bbl
2006-May-30	9:20	13	0.0	8.96	83.1	123.8	0	0	
2006-May-30	9:20								Bump Top Plug
2006-May-30	9:20	13	0.0	8.96	0.0	0.0	0	0	
2006-May-30	9:20	13	0.0	8.96	0.0	0.0	0	0	
2006-May-30	9:20								End Displacement
2006-May-30	9:21	13	0.0	8.96	0.0	0.0	0	0	
2006-May-30	9:21								Drop Opening Bomb
2006-May-30	9:34	13	0.0	8.96	0.0	0.0	0	0	
2006-May-30	9:34	13	0.0	8.96	0.0	0.0	0	0	
2006-May-30	9:35	255	0.3	9.07	0.1	0.1	0	0	
2006-May-30	9:35	237	1.8	8.76	0.6	0.6	0	0	
2006-May-30	9:35	260	3.7	8.73	1.0	1.0	0	0	
2006-May-30	9:35								Opening Stage Collar
2006-May-30	9:36	269	4.9	8.73	2.7	2.7	0	0	
2006-May-30	9:36	255	5.0	8.70	5.2	5.2	0	0	
2006-May-30	9:37	265	6.2	7.99	7.9	7.9	0	0	
2006-May-30	9:37	228	5.2	8.26	10.5	10.5	0	0	
2006-May-30	9:44	8	0.0	8.38	11.9	11.9	0	0	
2006-May-30	9:44								Reset Total, Vol = 11.88 bbl
2006-May-30	9:44	8	0.0	8.34	0.0	0.0	0	0	
2006-May-30	9:44								Established circulation
2006-May-30	9:44	8	0.0	8.33	0.0	0.0	0	0	
2006-May-30	9:44								Switched to the rig pump
2006-May-30	9:44	8	0.0	8.33	0.0	0.0	0	0	
2006-May-30	13:14	4	0.0	8.33	0.0	0.0	0	0	
2006-May-30	13:14								Start 2nd stage
2006-May-30	13:14	4	0.0	8.33	0.0	0.0	0	0	
2006-May-30	13:14	4	0.0	8.33	0.0	0.0	0	0	
2006-May-30	13:14								Pressure Test Lines
2006-May-30	13:14	4	0.0	8.33	0.0	0.0	0	0	
2006-May-30	13:15	4	0.0	8.33	0.0	0.0	0	0	
2006-May-30	13:15	4	0.0	8.33	0.0	0.0	0	0	
2006-May-30	13:16	4	0.0	8.34	0.0	0.0	0	0	
2006-May-30	13:16	4	0.0	8.33	0.0	0.0	0	0	
2006-May-30	13:17	4	0.0	8.32	0.0	0.0	0	0	
2006-May-30	13:17	4	0.0	8.35	0.0	0.0	0	0	
2006-May-30	13:18	4	0.0	8.33	0.0	0.0	0	0	
2006-May-30	13:18	4	0.0	8.34	0.0	0.0	0	0	
2006-May-30	13:19	146	0.2	8.34	0.0	0.0	0	0	
2006-May-30	13:19	2086	0.0	8.34	0.0	0.0	0	0	
2006-May-30	13:20	732	0.0	8.33	0.0	0.0	0	0	
2006-May-30	13:20	8	0.0	8.33	0.0	0.0	0	0	
2006-May-30	13:21	159	0.8	8.34	0.0	0.0	0	0	
2006-May-30	13:21								Reset Total, Vol = 0.00 bbl
2006-May-30	13:21								Start Pumping Wash
2006-May-30	13:21	178	1.2	8.33	0.0	0.0	0	0	
2006-May-30	13:21	155	1.3	8.33	0.0	0.0	0	0	
2006-May-30	13:21	214	6.2	8.33	1.1	1.1	0	0	
2006-May-30	13:22	251	5.5	8.33	3.9	3.9	0	0	
2006-May-30	13:22	255	5.7	8.32	6.7	6.7	0	0	

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Well		Field			Service Date		Customer		Job Number
AUSTIN 'A' #4		GREENWOOD			06150-May-30		OXY RESOURCE CALIFORNIA LLC		2205551145
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-May-30	13:23	255	5.7	8.33	9.5	9.5	0	0	
2006-May-30	13:23	246	5.7	8.33	11.4	11.4	0	0	
2006-May-30	13:23								Reset Total, Vol = 11.42 bbl
2006-May-30	13:23								End Wash
2006-May-30	13:23	260	5.7	8.33	0.3	0.3	0	0	
2006-May-30	13:23								Start Pumping Spacer
2006-May-30	13:23	255	5.8	8.33	0.4	0.4	0	0	
2006-May-30	13:23	265	5.8	8.33	1.0	1.0	0	0	
2006-May-30	13:24	233	6.3	8.54	3.9	3.9	0	0	
2006-May-30	13:24	274	6.1	9.52	7.0	7.0	0	0	
2006-May-30	13:24								Reset Total, Vol = 6.98 bbl
2006-May-30	13:24	297	6.0	9.70	0.2	0.2	0	0	
2006-May-30	13:24								End Spacer
2006-May-30	13:24								Start Mixing Tail Slurry
2006-May-30	13:24	287	6.1	9.79	0.3	0.3	0	0	
2006-May-30	13:25	342	6.0	11.85	3.0	3.0	0	0	
2006-May-30	13:25	393	6.0	13.40	6.0	6.0	0	0	
2006-May-30	13:26	406	5.9	13.80	8.9	8.9	0	0	
2006-May-30	13:26	384	5.9	13.97	11.9	11.9	0	0	
2006-May-30	13:27	370	6.0	14.07	15.0	15.0	0	0	
2006-May-30	13:27	356	6.3	13.95	18.0	18.0	0	0	
2006-May-30	13:28	301	6.1	13.78	21.0	21.0	0	0	
2006-May-30	13:28	287	6.1	13.72	24.1	24.1	0	0	
2006-May-30	13:29	292	6.1	13.72	27.1	27.1	0	0	
2006-May-30	13:29	333	6.1	14.33	30.1	30.1	0	0	
2006-May-30	13:30	155	3.5	14.06	32.3	32.3	0	0	
2006-May-30	13:30	127	3.5	13.95	34.1	34.1	0	0	
2006-May-30	13:30	-1	0.2	12.65	34.5	34.5	0	0	
2006-May-30	13:30								Reset Total, Vol = 34.48 bbl
2006-May-30	13:30								End Tail Slurry
2006-May-30	13:30	-1	0.1	12.65	0.0	0.0	0	0	
2006-May-30	13:30	-1	0.0	12.65	0.0	0.0	0	0	
2006-May-30	13:30								Drop Top Plug
2006-May-30	13:30								Start Displacement
2006-May-30	13:30	-1	0.0	12.65	0.0	0.0	0	0	
2006-May-30	13:31	-1	0.0	12.63	0.0	0.0	0	0	
2006-May-30	13:31	-1	0.0	10.62	0.0	0.0	0	0	
2006-May-30	13:32	-1	0.0	10.03	0.0	0.0	0	0	
2006-May-30	13:32	-1	0.0	9.80	0.0	0.0	0	0	
2006-May-30	13:33	-1	0.0	9.63	0.0	0.0	0	0	
2006-May-30	13:33	-1	0.0	9.44	0.0	0.0	0	0	
2006-May-30	13:34	-1	0.0	9.35	0.0	0.0	0	0	
2006-May-30	13:34	-1	0.0	9.30	0.0	0.0	0	0	
2006-May-30	13:35	-1	0.0	9.22	0.0	0.0	0	0	
2006-May-30	13:35	-1	0.0	9.14	0.0	0.0	0	0	
2006-May-30	13:36	8	0.0	9.09	0.0	0.0	0	0	
2006-May-30	13:36	86	0.9	8.70	0.1	0.1	0	0	
2006-May-30	13:37	86	5.7	8.76	1.8	1.8	0	0	
2006-May-30	13:37	77	5.9	8.68	4.8	4.8	0	0	
2006-May-30	13:38	77	5.9	8.44	7.7	7.7	0	0	
2006-May-30	13:38	59	5.9	8.36	10.7	10.7	0	0	
2006-May-30	13:39	68	5.9	8.34	13.7	13.7	0	0	
2006-May-30	13:39	68	5.9	8.33	16.7	16.7	0	0	
2006-May-30	13:40	63	5.9	8.33	19.6	19.6	0	0	

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Well		Field		Service Date		Customer		Job Number	
AUSTIN 'A' #4		GREENWOOD		06150-May-30		OXY RESOURCE CALIFORNIA LLC		2205551145	
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-May-30	13:40	63	5.9	8.33	22.5	22.5	0	0	
2006-May-30	13:41	59	5.9	8.33	25.5	25.5	0	0	
2006-May-30	13:41	63	5.9	8.33	28.4	28.4	0	0	
2006-May-30	13:42	63	5.9	8.33	31.4	31.4	0	0	
2006-May-30	13:42	68	6.0	8.35	34.3	34.3	0	0	
2006-May-30	13:43	72	5.9	8.33	37.3	37.3	0	0	
2006-May-30	13:43	72	6.0	8.33	40.3	40.3	0	0	
2006-May-30	13:44	77	6.0	8.33	43.3	43.3	0	0	
2006-May-30	13:44	77	6.0	8.33	46.3	46.3	0	0	
2006-May-30	13:45	72	5.9	8.33	49.2	49.2	0	0	
2006-May-30	13:45	77	6.0	8.33	52.2	52.2	0	0	
2006-May-30	13:46	81	6.1	8.32	55.2	55.2	0	0	
2006-May-30	13:46	81	6.0	8.33	58.2	58.2	0	0	
2006-May-30	13:47	81	6.0	8.33	61.2	61.2	0	0	
2006-May-30	13:47	81	6.0	8.33	64.2	64.2	0	0	
2006-May-30	13:48	178	6.0	8.33	67.1	67.1	0	0	
2006-May-30	13:48	200	5.8	8.33	70.1	70.1	0	0	
2006-May-30	13:49	265	5.7	8.33	73.1	73.1	0	0	
2006-May-30	13:49	315	5.8	8.33	76.0	76.0	0	0	
2006-May-30	13:50	370	5.8	8.33	78.9	78.9	0	0	
2006-May-30	13:50	425	5.8	8.33	81.9	81.9	0	0	
2006-May-30	13:51	306	2.7	8.33	83.8	83.8	0	0	
2006-May-30	13:51	333	2.7	8.33	85.1	85.1	0	0	
2006-May-30	13:52	352	2.7	8.33	86.4	86.4	0	0	
2006-May-30	13:52	370	2.7	8.33	87.8	87.8	0	0	
2006-May-30	13:53	429	2.7	8.33	89.1	89.1	0	0	
2006-May-30	13:53	1061	2.6	8.33	90.4	90.4	0	0	
2006-May-30	13:54	1670	0.0	8.33	90.8	90.8	0	0	
2006-May-30	13:54	1670	0.0	8.33	90.8	90.8	0	0	
2006-May-30	13:55	1665	0.0	8.33	90.8	90.8	0	0	
2006-May-30	13:55	1665	0.0	8.33	90.8	90.8	0	0	
2006-May-30	13:56	1670	0.0	8.33	90.8	90.8	0	0	
2006-May-30	13:56	1670	0.0	8.34	90.8	90.8	0	0	
2006-May-30	13:57	-5	0.0	8.33	90.8	90.8	0	0	
2006-May-30	13:57								Reset Total, Vol = 90.78 bbl
2006-May-30	13:57	-1	0.0	8.33	90.8	90.8	0	0	
2006-May-30	13:57	-1	0.0	8.33	0.0	0.0	0	0	
2006-May-30	13:57								Bump Top Plug
2006-May-30	13:57	-1	0.0	8.33	0.0	0.0	0	0	
2006-May-30	13:57								End Displacement
2006-May-30	13:57	-1	0.0	8.33	0.0	0.0	0	0	

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Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
				83	83	20	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density	
500		300	1500		bbl	8.34 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			
%	80 bbl	120 bbl	70 °F				
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> CirculationLost <input checked="" type="checkbox"/> Job Completed	
Willimon, Wes			Grigoriev, Valeriy				