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KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

September 1999

Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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: Cheyenne Drilling LP  
 License: 33375  
 Wellsite Geologist: NA  
 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. \_\_\_\_\_  
05/05/06 05/08/06 06/30/06  
 Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 129-21783-00-06  
 County: S2 S2 S2 SW Morton  
~~NE SW SW SW~~ Sec. 19 Twp. 35 S. R. 41W  
230 feet from (S) N (circle one) Line of Section  
1320 feet from E (W) (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW (SW)  
 Lease Name: Barnes A Well #: 2  
 Field Name: Greenwood  
 Producing Formation: Wabaunsee  
 Elevation: Ground: 3569 Kelly Bushing: 3575  
 Total Depth: 3595 Plug Back Total Depth: 2956  
 Amount of Surface Pipe Set and Cemented at 1545 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 WSW 8-27-07  
 (Data must be collected from the Reserve Pit)  
 Chloride content 3400 mg/l ppm Fluid volume 1000 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 08/31/06  
 Subscribed and sworn to before me this 31 day of Aug  
06  
 Notary Public: Anita Peterson  
 Date Commission Expires: Oct 1, 2009



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 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: Barnes A Well #: 2

Sec. 19 Twp. 35 S. R. 41W  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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" 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: <span style="margin-left: 100px;">Microlog</span> <span style="margin-left: 40px;">Induction</span> <span style="margin-left: 40px;">Neutron</span> <span style="margin-left: 40px;">CBL</span>	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"><input checked="" type="checkbox"/> Log</td> <td style="width:70%;">Formation (Top), Depth and Datum</td> <td style="width:20%;"><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Hollenberg</td> <td>2208</td> <td>1367</td> </tr> <tr> <td>Herington</td> <td>2249</td> <td>1326</td> </tr> <tr> <td>Kirder</td> <td>2270</td> <td>1305</td> </tr> <tr> <td>Winfield</td> <td>2300</td> <td>1275</td> </tr> <tr> <td>Ft. Riley</td> <td>2442</td> <td>1133</td> </tr> <tr> <td>Council Grove</td> <td>2556</td> <td>1019</td> </tr> <tr> <td>A1 LM</td> <td>2566</td> <td>1009</td> </tr> <tr> <td colspan="3">(See Side Three)</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Hollenberg	2208	1367	Herington	2249	1326	Kirder	2270	1305	Winfield	2300	1275	Ft. Riley	2442	1133	Council Grove	2556	1019	A1 LM	2566	1009	(See Side Three)		
<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample																													
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Ft. Riley	2442	1133																													
Council Grove	2556	1019																													
A1 LM	2566	1009																													
(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	1545	C	500	35/65 Poz + Additives
					C	195	Class C + Additives
Production	7 7/8	4 1/2	11.6	3585	C	180	35/65 Poz + Additives
					H	210	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	3403-3405, 3383-3389, 3371-3375	Acidize-57 bbls 15% HCCL-FE	
4	3300-3304, 3291-3293, 3225-3273, 3185-3195,		
	3144-3170, 3135-3141, 3130-3132, 3114-3125		
	CIBP @ 3360 w/1 sx cmt	130 bbls 15% HCL-FE	
	RBP @ 3094	(See Side Three)	

TUBING RECORD	Size NA	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 07/03/06		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 940	Water Bbls 0	Gas-Oil Ratio Gravity

Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_  
*(If vented, Submit ACO-18)*  Other (Specify) \_\_\_\_\_

METHOD OF COMPLETION

Production Interval

Side Three

Operator Name: OXY USA Inc. Lease Name: Barnes A Well #: 2

Sec. 19 Twp. 35 S. R. 41W  East  West County: Morton

Name	Top	Datum
B1 SH	2599	976
F LM	2856	719
WBNS GRP	2882	693
Stotler	3010	565
SHWN GRP (TPKA)	3134	441
Heebner SH	3449	126

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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	2977-2979, 2972-2974	19 bbls 15% HCL-FE	
	RBP @ 2956		
4	2817-2820, 2859-2865, 2883-2889, 2901-2905, 2933-2938	Frac-630,320 scf N2, 100,000# 20/40 Sand	

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Customer OXY RESOURCE CALIFORNIA LLC						Job Number 2205551204					
Well BARNES A-2			Location (legal) SEC 19-T35S-R41W			Schlumberger Location Perryton, TX		Job Start 2006-May-07			
Field GREENWOOD		Formation Name/Type Surface casing		Deviation 2 °	BIT Size 12.3 in	Well MD 1,550 ft	Well TVD 1,550 ft				
County MORTON		State/Province KANSAS		BHP psi	BHST 96 °F	BHCT °F	Pore Press. Gradient psi/ft				
Well Master: 0630808886		API / UWI: 15129217830000		Casing/Liner							
Rig Name CHEYENNE 11		Drilled For Gas		Service Via Land		Depth, ft 1550	Size, in 8.63	Weight, lb/ft 24	Grade 	Thread 	
Offshore Zone 		Well Class New		Well Type Development		Tubing/Drill Pipe					
Drilling Fluid Type Spud Mud		Max. Density 9 lb/gal		Plastic Vi: cp 		Depth, ft 	Size, in 	Weight, lb/ft 	Grade 	Thread 	
Service Line Cementing		Job Type Cem Surface Casing		Perforations/Open Hole							
Max. Allowed Tubing Pressure 1500 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 8 5/8" SURFACE CASING WITH: 10 BBL FRESH WATER 500 SK 35:65 POZ:CLASS C + 6% D020 + 2% S001 + 0.25 pps D130 195 SK CLASS C + 2% S001 + 0.125 pps D130						Treat Down Casing		Displacement 96 bbl	Packer Type None	Packer Depth 0 ft	
						Tubing Vol. bbl		Casing Vol. bbl	Annular Vol. bbl	OpenHole Vol 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: psi				Pipe Rotated <input type="checkbox"/>				Pipe Reciprocated <input checked="" type="checkbox"/>			
Shoe Type: Guide				Shoe Depth: ft				Squeeze Type Tool Type:			
No. Centralizers: Top Plugs: 1				Bottom Plugs: 0				Stage Tool Type: None Tool Depth: ft			
Cement Head Type: Single				Stage Tool Depth: 0 ft				Tail Pipe Size: in			
Job Scheduled For: 5/6/2006 21:00				Arrived on Location: 2006-May-06 20:50				Leave Location: 2006-May-07 5:15			
Collar Type: Float				Collar Depth: ft				Tail Pipe Depth: ft Sqz Total Vol: bbl			
Date	Time	Volume 24 hr clock bbl	CMT TREAT PRES psi	CMT RATE bbl/min	CMT DENS lb/gal	0	0	0	Message		
2006-May-07	3:03	0.0	27	0.0	8.35	0	0	0			
2006-May-07	3:03								Start Job		
2006-May-07	3:03	0.0	27	0.0	8.35	0	0	0			
2006-May-07	3:05	0.0	27	0.0	8.35	0	0	0			
2006-May-07	3:06	0.0	27	0.0	8.35	0	0	0			
2006-May-07	3:07								Safety meeting held		
2006-May-07	3:07	0.0	27	0.0	8.35	0	0	0			
2006-May-07	3:07								Start Pumping Spacer		
2006-May-07	3:07	0.1	95	2.8	8.35	0	0	0			
2006-May-07	3:07	0.4	114	4.9	8.35	0	0	0			
2006-May-07	3:07								Pressure Test Lines		
2006-May-07	3:08	5.4	205	6.2	8.34	0	0	0			
2006-May-07	3:09	10.2	63	0.0	8.34	0	0	0			
2006-May-07	3:11	10.2	493	0.0	8.35	0	0	0			
2006-May-07	3:12	10.2	2192	0.0	8.34	0	0	0			
2006-May-07	3:14								Reset Total, Vol = 10.21 bbl		
2006-May-07	3:14	10.2	36	3.0	10.66	0	0	0			
2006-May-07	3:14	0.0	36	2.9	11.56	0	0	0			
2006-May-07	3:14								Start Cement Slurry		
2006-May-07	3:14	0.0	36	2.8	11.63	0	0	0			
2006-May-07	3:15	7.7	269	6.7	12.30	0	0	0			
2006-May-07	3:17	17.7	287	6.9	12.21	0	0	0			

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Well		Field			Service Date		Customer		Job Number
BARNES #A-2		GREENWOOD			06127-May-07		OXY RESOURCE CALIFORNIA LLC		2205551204
Date	Time	Volume	CMT TREAT PRES	CMT RATE	CMT DENS	0	0	0	Message
	24 hr clock	bbl	psi	bbl/min	lb/gal	0	0	0	
2006-May-07	3:17	19.2	283	6.9	12.24	0	0	0	
2006-May-07	3:17								Pipe had to circukated down
2006-May-07	3:17								goodm circ @ sump
2006-May-07	3:17	21.1	301	7.0	12.32	0	0	0	
2006-May-07	3:18	27.3	219	5.8	12.40	0	0	0	
2006-May-07	3:20	36.1	196	5.9	12.21	0	0	0	
2006-May-07	3:21	44.8	159	5.3	12.24	0	0	0	
2006-May-07	3:23	52.8	146	5.3	12.11	0	0	0	
2006-May-07	3:24	60.9	146	5.5	11.89	0	0	0	
2006-May-07	3:26	69.0	155	5.4	12.19	0	0	0	
2006-May-07	3:27	77.1	150	5.4	12.38	0	0	0	
2006-May-07	3:29	85.2	146	5.4	12.37	0	0	0	
2006-May-07	3:30	93.4	146	5.4	12.31	0	0	0	
2006-May-07	3:32	101.6	146	5.5	12.27	0	0	0	
2006-May-07	3:34	109.8	136	5.5	12.26	0	0	0	
2006-May-07	3:35	117.9	136	5.4	12.24	0	0	0	
2006-May-07	3:37	126.1	136	5.6	11.87	0	0	0	
2006-May-07	3:38	134.3	146	5.4	12.56	0	0	0	
2006-May-07	3:40	142.5	150	5.4	12.24	0	0	0	
2006-May-07	3:41	150.7	150	5.5	12.40	0	0	0	
2006-May-07	3:43	158.9	150	5.4	12.24	0	0	0	
2006-May-07	3:44	167.1	150	5.4	12.25	0	0	0	
2006-May-07	3:46	175.3	155	5.4	12.35	0	0	0	
2006-May-07	3:47	183.4	150	5.5	12.27	0	0	0	
2006-May-07	3:49	191.6	155	5.6	12.07	0	0	0	
2006-May-07	3:49								Start Mixing Tail Slurry
2006-May-07	3:49	193.6	155	5.5	11.96	0	0	0	
2006-May-07	3:49								Reset Total, Vol = 194.18 bbl
2006-May-07	3:49	194.2	155	5.5	12.59	0	0	0	
2006-May-07	3:50	5.6	214	5.4	15.37	0	0	0	
2006-May-07	3:52	13.7	191	5.4	14.76	0	0	0	
2006-May-07	3:53	21.8	187	5.4	14.71	0	0	0	
2006-May-07	3:55	30.1	187	5.4	14.93	0	0	0	
2006-May-07	3:56	38.2	178	5.4	14.87	0	0	0	
2006-May-07	3:58	45.8	141	4.7	14.75	0	0	0	
2006-May-07	3:58	49.0	13	0.0	14.32	0	0	0	
2006-May-07	3:58								End Tail Slurry
2006-May-07	3:58								Reset Total, Vol = 49.01 bbl
2006-May-07	3:58	49.0	8	0.0	14.34	0	0	0	
2006-May-07	3:58								Drop Top Plug
2006-May-07	3:58	0.0	13	0.0	14.49	0	0	0	
2006-May-07	3:58								Start Displacement
2006-May-07	3:58	0.0	13	0.0	14.40	0	0	0	
2006-May-07	3:59	2.2	17	25.0	1.08	0	0	0	
2006-May-07	4:01	11.9	13	3.6	8.78	0	0	0	
2006-May-07	4:02	13.0	95	5.3	8.79	0	0	0	
2006-May-07	4:04	21.4	81	5.8	8.34	0	0	0	
2006-May-07	4:05	30.0	114	5.7	8.34	0	0	0	
2006-May-07	4:07	38.6	150	5.7	8.34	0	0	0	
2006-May-07	4:07	38.9	150	5.7	8.34	0	0	0	
2006-May-07	4:07								Cement of surface already
2006-May-07	4:08	47.3	191	5.8	8.35	0	0	0	
2006-May-07	4:10	55.9	228	5.8	8.34	0	0	0	
2006-May-07	4:11	71.0	283	25.0	0.01	0	0	0	

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Well		Field		Service Date		Customer			Job Number
BARNES #A-2		GREENWOOD		06127-May-07		OXY RESOURCE CALIFORNIA LLC			2205551204
Date	Time	Volume	CMT TREAT PRES	CMT RATE	CMT DENS	0	0	0	Message
	24 hr clock	bbl	psi	bbl/min	lb/gal	0	0	0	
2006-May-07	4:12								Strange rate spike to 25bbls /min
2006-May-07	4:12	79.7	306	5.8	8.34	0	0	0	
2006-May-07	4:13	83.1	329	5.8	8.34	0	0	0	
2006-May-07	4:13	86.9	356	5.8	8.34	0	0	0	
2006-May-07	4:13								Counter out by 15bbls
2006-May-07	4:14	91.8	402	5.8	8.34	0	0	0	
2006-May-07	4:16	100.6	443	5.9	8.34	0	0	0	
2006-May-07	4:17	106.0	379	2.4	8.34	0	0	0	
2006-May-07	4:19	109.6	411	2.4	8.34	0	0	0	
2006-May-07	4:20	113.2	420	2.4	8.34	0	0	0	
2006-May-07	4:22	116.7	452	2.3	8.34	0	0	0	
2006-May-07	4:23	119.5	988	0.0	8.34	0	0	0	
2006-May-07	4:24	119.5	27	0.0	8.35	0	0	0	
2006-May-07	4:24								End Displacement
2006-May-07	4:24	119.5	27	0.0	8.34	0	0	0	
2006-May-07	4:24								Start Displacement
2006-May-07	4:24	119.5	27	0.0	8.34	0	0	0	
2006-May-07	4:24								Bump Top Plug
2006-May-07	4:25	119.5	27	0.0	8.34	0	0	0	
2006-May-07	4:25	119.5	27	0.0	8.34	0	0	0	
2006-May-07	4:25								Floats holding
2006-May-07	4:25								End Job
2006-May-07	4:25	119.5	27	0.0	8.34	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
5.2	0	0	6.4	241	0	10	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density	
462		200	949		bbl	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	90	bbl
0 %	240.7 bbl	96 bbl	55 °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		
Fillpot, Greg			Darrell, Knott,				

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Customer <b>OXY RESOURCE CALIFORNIA LLC</b>						Job Number <b>2205551083</b>			
Well <b>BARNES A-2</b>			Location (legal) <b>SEC 19-T35S-R41W</b>			Schlumberger Location <b>Perryton, TX</b>		Job Start <b>2006-May-09</b>	
Field <b>GREENWOOD</b>		Formation Name/Type		Deviation <b>°</b>	Bit Size <b>7.88 in</b>	Well MD <b>3,585 ft</b>	Well TVD <b>3,585 ft</b>		
County <b>MORTON</b>		State/Province <b>KANSAS</b>		BHP <b>psi</b>	BHST <b>115 °F</b>	BHCT <b>°F</b>	Pore Press. Gradient <b>psi/ft</b>		
Well Master: <b>0630808886</b>		API / UWI: <b>15129217830000</b>		<b>Casing/Liner</b>					
Rig Name <b>CHEYENNE 11</b>	Drilled For <b>Gas</b>	Service Via		Depth, ft <b>3585</b>	Size, in <b>4.5</b>	Weight, lb/ft <b>11.6</b>	Grade	Thread	
Offshore Zone	Well Class <b>New</b>	Well Type <b>Development</b>		<b>Tubing/Drill Pipe</b>					
Drilling Fluid Type		Max. Density <b>lb/gal</b>	Plastic Vi: cp	Depth,	Size, in	Weight, lb/ft	Grade	Thread	
Service Line <b>Cementing</b>	Job Type <b>Cem Prod Casing</b>			<b>Perforations/Open Hole</b>					
Max. Allowed Tubing Pressure <b>1500 psi</b>	Max. Allowed Ann. Pressure <b>psi</b>	WellHead Connection <b>4.5" H&amp;SM</b>		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval <b>ft</b>	
Service Instructions <b>CEMENT 4 1/2" CASING WITH:</b> <b>20 BBL CW100</b> <b>180 SK 35:65 POZ:CLASS C + 6% D020 + 2% S001 + 0.25 pps D130</b> <b>210 SK 50/50 POZ:H+2%D20+3%M117+5 pps D42+5 pps</b> <b>D53+0.6%D112+ 0.25%D65+0.25%D46</b>				Treat Down <b>Casing</b>	Displacement <b>bbl</b>	Packer Type	Packer Depth <b>ft</b>		
				Tubing Vol. <b>bbl</b>	Casing Vol. <b>bbl</b>	Annular Vol. <b>bbl</b>	OpenHole Vol <b>bbl</b>		
				Casing Tools	Squeeze Job				
				Shoe Type: <b>Guide</b>	Squeeze Type				
Lift Pressure: <b>psi</b>	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Depth: <b>ft</b>	Tool Type:					
No. Centralizers: <b>12</b>	Top Plugs: <b>1</b>	Bottom Plugs:	Stage Tool Type:	Tool Depth: <b>ft</b>					
Cement Head Type: <b>Single</b>		Stage Tool Depth: <b>ft</b>	Tail Pipe Size: <b>in</b>						
Job Scheduled For: <b>5/9/2006 9:00</b>	Arrived on Location: <b>2006-May-09 9:30</b>	Leave Location: <b>2006-May-09 13:00</b>	Collar Type:	Tail Pipe Depth: <b>ft</b>					
Collar Depth: <b>ft</b>	Sqz Total Vol: <b>bbl</b>								
<b>Date</b>	<b>Time</b>	<b>Volume</b>	<b>CMT TREAT PRES</b>	<b>CMT RATE</b>	<b>CMT DENS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Message</b>
	24 hr clock	bbl	psi	bbl/min	lb/gal	0	0	0	
2006-May-09	11:01	0.0	81	0.0	8.23	0	0	0	
2006-May-09	11:01								Start Job
2006-May-09	11:01	0.0	81	0.0	8.23	0	0	0	
2006-May-09	11:02								Safety Meeting held
2006-May-09	11:02	0.0	81	0.0	8.23	0	0	0	
2006-May-09	11:02								Filling lines to p test
2006-May-09	11:02	0.0	81	0.0	8.23	0	0	0	
2006-May-09	11:03	0.0	81	0.0	8.23	0	0	0	
2006-May-09	11:04								Pressure Test Lines
2006-May-09	11:04	0.7	91	0.0	8.25	0	0	0	
2006-May-09	11:04	0.7	114	0.1	8.25	0	0	0	
2006-May-09	11:06	0.7	4091	0.0	8.24	0	0	0	
2006-May-09	11:07	0.7	81	0.0	8.24	0	0	0	
2006-May-09	11:08								Start Pumping Wash
2006-May-09	11:08	0.9	242	1.6	8.26	0	0	0	
2006-May-09	11:08								Reset Total, Vol = 0.97 bbl
2006-May-09	11:08	1.0	214	2.0	8.25	0	0	0	
2006-May-09	11:09	5.6	251	5.7	8.24	0	0	0	
2006-May-09	11:10	14.1	255	5.7	8.26	0	0	0	
2006-May-09	11:12	21.1	283	5.9	8.24	0	0	0	
2006-May-09	11:12								Reset Total, Vol = 21.13 bbl
2006-May-09	11:12	0.3	287	5.9	8.24	0	0	0	

Well		Field				Service Date		Customer		Job Number
BARNES #A-2		GREENWOOD				06129-May-09		OXY RESOURCE CALIFORNIA LLC		2205551083
Date	Time	Volume	CMT TREAT PRES	CMT RATE	CMT DENS	0	0	0	Message	
	24 hr. clock	bbl	psi	bbl/min	lb/gal	0	0	0		
2006-May-09	11:12								End Wash	
2006-May-09	11:12								Start Mixing Lead Slurry	
2006-May-09	11:12	1.0	287	5.9	8.24	0	0	0		
2006-May-09	11:12	1.4	287	5.9	8.24	0	0	0		
2006-May-09	11:12								Reset Total, Vol = 1.38 bbl	
2006-May-09	11:12	0.2	297	6.0	8.24	0	0	0		
2006-May-09	11:13	8.9	333	5.8	12.63	0	0	0		
2006-May-09	11:15	15.9	251	5.0	12.63	0	0	0		
2006-May-09	11:16	24.0	205	5.4	12.46	0	0	0		
2006-May-09	11:18	32.3	168	5.1	11.96	0	0	0		
2006-May-09	11:19	40.1	168	5.2	12.29	0	0	0		
2006-May-09	11:21	47.1	136	4.3	11.82	0	0	0		
2006-May-09	11:22	53.3	136	4.2	12.24	0	0	0		
2006-May-09	11:24	58.8	104	2.6	12.47	0	0	0		
2006-May-09	11:25	62.7	100	2.7	12.21	0	0	0		
2006-May-09	11:27	66.6	95	2.6	11.67	0	0	0		
2006-May-09	11:28	70.4	95	2.4	13.04	0	0	0		
2006-May-09	11:29	70.9	100	2.5	13.17	0	0	0		
2006-May-09	11:29								Reset Total, Vol = 70.93 bbl	
2006-May-09	11:29	0.1	100	2.5	13.15	0	0	0		
2006-May-09	11:29								End Lead Slurry	
2006-May-09	11:29	0.1	100	2.5	13.11	0	0	0		
2006-May-09	11:29								Start Mixing Tail Slurry	
2006-May-09	11:30	4.7	205	4.8	12.73	0	0	0		
2006-May-09	11:31	12.2	200	4.9	13.56	0	0	0		
2006-May-09	11:33	19.7	228	5.0	13.90	0	0	0		
2006-May-09	11:34	27.5	242	5.4	13.56	0	0	0		
2006-May-09	11:36	35.8	274	5.5	14.47	0	0	0		
2006-May-09	11:37	44.3	269	6.0	13.77	0	0	0		
2006-May-09	11:39	53.2	260	5.9	13.50	0	0	0		
2006-May-09	11:40								End Tail Slurry	
2006-May-09	11:40	60.6	278	5.9	13.78	0	0	0		
2006-May-09	11:40	61.4	168	0.0	13.69	0	0	0		
2006-May-09	11:41								Reset Total, Vol = 61.67 bbl	
2006-May-09	11:41	61.7	72	0.2	13.11	0	0	0		
2006-May-09	11:42	0.0	77	0.0	13.31	0	0	0		
2006-May-09	11:44	3.6	123	2.9	8.35	0	0	0		
2006-May-09	11:45	9.7	342	7.2	8.29	0	0	0		
2006-May-09	11:46								Reset Total, Vol = 13.28 bbl	
2006-May-09	11:46	13.3	72	0.0	8.21	0	0	0		
2006-May-09	11:47	13.3	72	0.0	8.24	0	0	0		
2006-May-09	11:48	20.7	104	6.1	8.25	0	0	0		
2006-May-09	11:49								Drop Top Plug	
2006-May-09	11:49	24.6	104	6.2	8.25	0	0	0		
2006-May-09	11:50	29.9	114	6.1	8.25	0	0	0		
2006-May-09	11:51	39.5	406	6.4	8.25	0	0	0		
2006-May-09	11:53	48.2	347	3.7	8.25	0	0	0		
2006-May-09	11:54	55.1	667	4.9	8.25	0	0	0		
2006-May-09	11:56	60.5	713	2.0	8.25	0	0	0		
2006-May-09	11:57	64.0	814	3.2	8.25	0	0	0		
2006-May-09	11:59	68.8	933	3.1	8.25	0	0	0		
2006-May-09	12:00	69.7	81	0.0	8.25	0	0	0		
2006-May-09	12:00	69.7	86	0.0	8.25	0	0	0		
2006-May-09	12:00								Bump Top Plug	

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Well		Field		Service Date		Customer		Job Number	
BARNES #A-2		GREENWOOD		06129-May-09		OXY RESOURCE CALIFORNIA LLC		2205551083	
Date	Time	Volume	CMT-TREAT PRES	CMT RATE	CMT DENS	0	0	0	Message
	24 hr clock	bbl	psi	bbl/min	lb/gal	0	0	0	
2006-May-09	12:00	69.7	81	0.0	8.25	0	0	0	
2006-May-09	12:00								Reset Total, Vol = 56.41 bbl
2006-May-09	12:01	0.0	86	0.0	8.25	0	0	0	
2006-May-09	12:01								Floats held
2006-May-09	12:01	0.0	86	0.0	8.25	0	0	0	
2006-May-09	12:01								End Job
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2	
4.5	0	0	6		128	0	20		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume		Density		
1000		345	1563				lb/gal		
Avg. N2 Percent		Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?		Volume	
0 %		128 bbl		58 bbl	65 °F	<input type="checkbox"/>		bbl	
Customer or Authorized Representative				Schlumberger Supervisor		Washed Thru Perfs		To	
Fillpot, Greg				Darrell, Knott,		<input type="checkbox"/> CirculationLost		<input checked="" type="checkbox"/> Job Completed	

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