

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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Form ACO-1  
September 1999

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form Must Be Typed

ORIGINAL

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

API No. 15 - 189-22478-0000  
County: Stevens  
- NW - SE - SE Sec 20 Twp. 34 S. R. 35W  
919 feet from (S) N (circle one) Line of Section  
1027 feet from (E) W (circle one) Line of Section

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

Lease Name: Illinois A Well #: 2  
Field Name: \_\_\_\_\_

Producing Formation: Morrow

Elevation: Ground: 3009 Kelly Bushing: 3020

Total Depth: 6800 Plug Back Total Depth: 6690

Amount of Surface Pipe Set and Cemented at 1739 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.

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW WO Pipeline  
 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. \_\_\_\_\_  
11/02/04 11/13/04 12/23/04  
Spud Date or Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan ALT I WITHIN 4-6-07  
(Data must be collected from the Reserve Pit)  
Chloride content 1100 mg/l ppm Fluid volume 1800 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.: \_\_\_\_\_

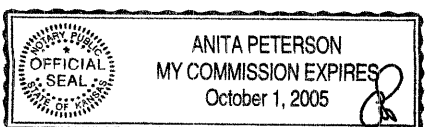
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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 6702, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 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 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: Walter Gander  
Title: Capital Project Date February 23, 2005  
Subscribed and sworn to before me this 23rd day of Feb  
20 05  
Notary Public: Anita Peterson  
Date Commission Expires: Oct. 1, 2005

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



Side Two

Operator Name: OXY USA Inc. Lease Name: Illinois A Well #: 2  
 Sec. 20 Twp. 34 S. R. 35W  East  West County: Stevens

**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 checked="" type="checkbox"/> Yes <input 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	Heebner	4295	-1275
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	4417	-1397
List All E. Logs Run:	Induction      Neutron	Marmaton	4862	-1842
Sonic	Microlog      Geological Report	Cherokee	5488	-2468
		Morrow	5864	-2844
		Chester	6263	-3243
		St. Genevieve	6521	-3501
		St. Louis	6620	-3600

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	1739	C	570	35/65 Poz Class C + Additives
					C	195	Class C + Additives (See Cmt Tkts)
Production	7 7/8	5 1/2	15.5 / 1803 14 / 4974	6777	H	260	50/50 lite poz + Additive (See Cmt Tkts)

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	6171-6183, 6188-6203, 6242-6246	Acidize - 3000 gls 7.5% FE Acid	
		Frac - 58,620 gls 70QN2 WF130	
		76,220 lbs 20/40 Sand	

TUBING RECORD		Size NA	Set At NA	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. NA		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) <u>WO Pipeline-Shut In</u>			
Estimated Production Per 24 Hours	Oil BBLS NA	Gas Mcf NA	Water Bbbs 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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Cementing Service Report

100  
2-28  
0-PIPER

Well		Customer OXY USA, INC.				Job Number 220547343					
ILLINOIS 'A' 2		Location (legal) SEC 20-T34S-R35W		Schlumberger Location Perryton, TX		Job Start 2004-Nov-03					
Field		Formation Name/Type		Deviation		BHT Size 12.3 in		Well MD 1,739 ft		Well TVD 1,758 ft	
County STEVENS		State/Province KS		BHP psi		BHST 98 °F		BHCT °F		Pore Press. Gradient psi/ft	
Well Master: 0630639069		API / UWI:		Casing/Liner							
Rig Name MURFIN 20		Drilled For Oil & Gas		Service Via Land		Depth, ft 1757.5		Size, in 8.63		Weight, lb/ft 24	
Offshore Zone		Well Class New		Well Type Development		Grade		Thread			
Drilling Fluid Type		Max. Density lb/gal		Plastic Vt cp		Tubing/Drill Pipe					
Service Line Cementing		Job Type Cem Surface Casing				Depth		Size, in		Weight, lb/ft	
Max. Allowed Tubing Pressure 100 psi		Max. Allowed Ann. Pressure psi		Wellhead Connection 8 5/8" H&SM		Perforations/Open Hole					
						Top, ft		Bottom, ft		sp/	
Service Instructions CEMENT 8 5/8" SURFACE CASING WITH: 10 BBL FRESH WATER 570 SK 35:65 POZ:CLASS C + 6% D020 + 2% S001 + 0.5 pps D029 195 SK CLASS C + 2% S001 + 0.25 pps D029										No. of Shots	
										Total Interval ft	
										Diameter in	
						Treat Down Casing		Displacement 109.5 bbl		Packer Type	
						Tubing Vol. bbl		Casing Vol. 112 bbl		Annular Vol. 129.2 bbl	
										Packer Depth ft	
										Open Hole Vol 253.5 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 Retained <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Other		Squeeze Type			
No. Centralizers: 5		Top Plugs: 1		Bottom Plugs:		Shoe Depth: ft		Tool Type:			
Cement Head Type: Single						Stage Tool Type:		Tool Depth: ft			
Job Scheduled For: 2004-Nov-03 17:00		Arrived on Location: 2004-Nov-03 17:00		Leave Location: 2004-Nov-03 22:00		Stage Tool Depth: ft		Tail Pipe Size: in			
						Collar Type: Auto-Fill		Tail Pipe Depth: ft			
						Collar Depth: ft		Sqz Total Vol: bbl			
Date	Time	Annulus psi	Density lb/gal	Rate bbl/min	Volume bbl	0	0	0	Message		
2004-Nov-03	18:43	0	8.31	4.9	0.1	0	0	0			
2004-Nov-03	18:43	0	8.31	4.9	0.1	0	0	0			
2004-Nov-03	18:43										
2004-Nov-03	18:43								Start Job		
2004-Nov-03	18:43	0	8.31	4.9	0.1	0	0	0	Pressure Test Lines		
2004-Nov-03	18:44	5	8.31	4.8	0.1	0	0	0			
2004-Nov-03	18:45	0	8.31	3.5	0.1	0	0	0			
2004-Nov-03	18:46	0	8.31	0.0	0.1	0	0	0			
2004-Nov-03	18:47	0	8.31	0.0	0.1	0	0	0			
2004-Nov-03	18:48	0	8.31	0.0	0.1	0	0	0			
2004-Nov-03	18:48	0	8.31	0.0	0.1	0	0	0			
2004-Nov-03	18:49	5	8.31	0.0	0.1	0	0	0			
2004-Nov-03	18:50	0	8.31	0.0	0.1	0	0	0			
2004-Nov-03	18:51	5	8.31	0.0	0.1	0	0	0			
2004-Nov-03	18:52	0	8.31	0.0	0.1	0	0	0			
2004-Nov-03	18:53	0	8.31	0.0	0.1	0	0	0			
2004-Nov-03	18:54	0	8.31	0.0	0.1	0	0	0			
2004-Nov-03	18:55	0	8.31	0.0	0.1	0	0	0			
2004-Nov-03	18:56	0	8.31	0.0	0.1	0	0	0			
2004-Nov-03	18:57	5	8.31	0.0	0.1	0	0	0			
2004-Nov-03	18:58	0	8.31	0.0	0.1	0	0	0			
2004-Nov-03	18:59	0	8.31	0.0	0.1	0	0	0			
2004-Nov-03	19:00	5	8.31	0.0	0.1	0	0	0			

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Nov 4, 2004 WR93 v3.411-9R

Well		Field				Service Date		Customer		Job Number
ILLINOIS 'A' #2						04308-Nov-03		OXY USA, INC.		2206847343
Date	Time	Annular	Density	Rate	Volume				Message	
	24 hr clock	gal	lb/gal	lb/min	bbbl					
2004-Nov-03	19:01	0	8.31	0.0	0.1	0	0	0		
2004-Nov-03	19:02	0	8.31	0.0	0.1	0	0	0		
2004-Nov-03	19:03	0	8.31	0.0	0.1	0	0	0		
2004-Nov-03	19:04	0	8.31	0.3	0.1	0	0	0		
2004-Nov-03	19:05	0	8.31	0.9	1.0	0	0	0		
2004-Nov-03	19:06	0	8.31	0.0	1.1	0	0	0		
2004-Nov-03	19:07	0	8.31	0.0	1.1	0	0	0		
2004-Nov-03	19:08	0	8.31	0.0	1.1	0	0	0		
2004-Nov-03	19:09	5	8.31	0.0	1.1	0	0	0		
2004-Nov-03	19:10	0	8.31	0.0	1.1	0	0	0		
2004-Nov-03	19:10	0	8.31	0.0	1.1	0	0	0		
2004-Nov-03	19:10								Start Pumping Spacer	
2004-Nov-03	19:11	0	8.31	0.0	1.1	0	0	0		
2004-Nov-03	19:11								Reset Total, Vol = 1.11 bbl	
2004-Nov-03	19:11	0	8.31	1.6	0.6	0	0	0		
2004-Nov-03	19:12	5	8.28	6.4	4.0	0	0	0		
2004-Nov-03	19:13	0	8.25	0.0	9.5	0	0	0		
2004-Nov-03	19:14	0	8.29	0.0	9.5	0	0	0		
2004-Nov-03	19:15	0	8.31	0.0	9.5	0	0	0		
2004-Nov-03	19:16								Reset Total, Vol = 9.93 bbl	
2004-Nov-03	19:16	0	8.31	1.9	9.9	0	0	0		
2004-Nov-03	19:16	5	8.31	4.3	0.0	0	0	0		
2004-Nov-03	19:17	0	8.31	0.0	0.0	0	0	0		
2004-Nov-03	19:18	0	8.32	2.2	0.4	0	0	0		
2004-Nov-03	19:19	0	8.32	0.0	1.2	0	0	0		
2004-Nov-03	19:20	0	8.32	5.1	2.8	0	0	0		
2004-Nov-03	19:21	0	8.31	6.1	8.8	0	0	0		
2004-Nov-03	19:22								Reset Total, Vol = 13.52 bbl	
2004-Nov-03	19:22	0	8.36	6.2	13.5	0	0	0		
2004-Nov-03	19:22								End Spacer	
2004-Nov-03	19:22	0	9.21	4.6	1.2	0	0	0		
2004-Nov-03	19:22	0	9.39	4.4	1.3	0	0	0		
2004-Nov-03	19:22								Start Mixing Lead Slurry	
2004-Nov-03	19:22	5	9.57	3.9	1.5	0	0	0		
2004-Nov-03	19:23	0	11.58	3.9	5.2	0	0	0		
2004-Nov-03	19:24	0	12.81	6.5	10.8	0	0	0		
2004-Nov-03	19:25	0	10.98	4.1	15.6	0	0	0		
2004-Nov-03	19:26	0	10.98	5.7	20.7	0	0	0		
2004-Nov-03	19:27	0	11.76	5.0	26.4	0	0	0		
2004-Nov-03	19:28	5	12.14	5.0	31.4	0	0	0		
2004-Nov-03	19:29	0	12.19	5.0	36.3	0	0	0		
2004-Nov-03	19:30	0	12.14	5.0	41.3	0	0	0		
2004-Nov-03	19:31	0	12.56	5.0	46.3	0	0	0		
2004-Nov-03	19:32	0	12.20	5.0	51.3	0	0	0		
2004-Nov-03	19:33	0	12.10	4.6	56.3	0	0	0		
2004-Nov-03	19:34	0	11.92	4.6	60.9	0	0	0		
2004-Nov-03	19:35	0	12.34	5.0	65.7	0	0	0		
2004-Nov-03	19:36	0	12.30	4.9	70.7	0	0	0		
2004-Nov-03	19:37	0	12.04	5.2	75.9	0	0	0		
2004-Nov-03	19:38	0	12.05	5.0	81.1	0	0	0		
2004-Nov-03	19:39	0	12.80	4.9	86.1	0	0	0		
2004-Nov-03	19:40	0	12.48	5.0	91.0	0	0	0		
2004-Nov-03	19:41	0	12.33	5.0	96.0	0	0	0		
2004-Nov-03	19:42	0	12.24	5.0	100.9	0	0	0		

Well		Field		Service Date		Customer			Job Number
ILLINOIS 'A' #2				04308-Nov-03		OXY USA, INC.			2205547343
Date	Time	Annulus	Density	Rate	Volume	0	0	0	Message
	24 hr clock	gal	lb/gal	lb/min	bbl	0	0	0	
2004-Nov-03	19:43	0	12.30	5.0	106.0	0	0	0	
2004-Nov-03	19:44	5	12.17	4.9	110.9	0	0	0	
2004-Nov-03	19:45	5	12.26	5.0	115.9	0	0	0	
2004-Nov-03	19:46	0	12.17	4.9	120.8	0	0	0	
2004-Nov-03	19:47	0	12.32	5.0	125.7	0	0	0	
2004-Nov-03	19:48	0	12.40	5.0	130.7	0	0	0	
2004-Nov-03	19:49	0	12.22	5.0	135.7	0	0	0	
2004-Nov-03	19:50	0	12.54	5.0	140.6	0	0	0	
2004-Nov-03	19:51	0	12.55	4.9	145.6	0	0	0	
2004-Nov-03	19:52	0	12.25	5.2	150.5	0	0	0	
2004-Nov-03	19:53	0	12.19	5.1	155.6	0	0	0	
2004-Nov-03	19:54	0	12.41	5.1	160.7	0	0	0	
2004-Nov-03	19:55	5	11.47	2.8	165.5	0	0	0	
2004-Nov-03	19:56	0	13.37	3.2	168.4	0	0	0	
2004-Nov-03	19:57	0	12.60	5.1	172.8	0	0	0	
2004-Nov-03	19:58	0	12.06	5.1	177.9	0	0	0	
2004-Nov-03	19:59	0	12.07	5.1	183.0	0	0	0	
2004-Nov-03	20:00	0	12.34	5.1	188.1	0	0	0	
2004-Nov-03	20:01	0	12.32	5.1	193.2	0	0	0	
2004-Nov-03	20:02	0	12.22	5.1	198.2	0	0	0	
2004-Nov-03	20:03	0	12.32	5.1	203.3	0	0	0	
2004-Nov-03	20:04	0	12.32	5.1	208.4	0	0	0	
2004-Nov-03	20:05	0	12.71	5.1	213.5	0	0	0	
2004-Nov-03	20:06	0	12.71	5.1	218.7	0	0	0	
2004-Nov-03	20:07	0	12.58	5.1	223.7	0	0	0	
2004-Nov-03	20:08	0	12.27	5.1	228.8	0	0	0	
2004-Nov-03	20:09	5	11.98	5.0	233.9	0	0	0	
2004-Nov-03	20:10	0	12.05	5.1	238.9	0	0	0	
2004-Nov-03	20:11	0	12.26	5.1	244.0	0	0	0	
2004-Nov-03	20:12	0	12.24	5.1	249.0	0	0	0	
2004-Nov-03	20:12								
2004-Nov-03	20:12	0	12.24	5.1	249.1	0	0	0	End Lead Slurry
2004-Nov-03	20:12								
2004-Nov-03	20:12								Start Mixing Tail Slurry
2004-Nov-03	20:12	0	12.24	4.9	249.4	0	0	0	Reset Total, Vol = 249.39 bbl
2004-Nov-03	20:13								
2004-Nov-03	20:13	0	14.16	4.9	4.4	0	0	0	Reset Total, Vol = 4.41 bbl
2004-Nov-03	20:13	0	14.19	4.9	0.2	0	0	0	
2004-Nov-03	20:14	5	14.75	4.3	5.1	0	0	0	
2004-Nov-03	20:15	0	14.83	4.7	9.4	0	0	0	
2004-Nov-03	20:16	0	14.83	4.7	14.1	0	0	0	
2004-Nov-03	20:17	0	14.91	4.7	18.9	0	0	0	
2004-Nov-03	20:18	0	15.04	4.7	23.6	0	0	0	
2004-Nov-03	20:19	0	14.82	4.7	28.3	0	0	0	
2004-Nov-03	20:20	5	14.77	4.7	33.0	0	0	0	
2004-Nov-03	20:21	5	14.91	4.7	37.6	0	0	0	
2004-Nov-03	20:22	0	14.94	4.7	42.3	0	0	0	
2004-Nov-03	20:23	5	15.10	4.7	47.0	0	0	0	
2004-Nov-03	20:24	0	15.24	3.3	50.6	0	0	0	
2004-Nov-03	20:24	5	15.17	0.0	51.3	0	0	0	
2004-Nov-03	20:24								
2004-Nov-03	20:24	0	15.16	0.0	51.3	0	0	0	End Tail Slurry
2004-Nov-03	20:24								
2004-Nov-03	20:25								Drop Top Plug
2004-Nov-03	20:25								Reset Total, Vol = 51.25 bbl

Nov 4, 2004 WRS3 vs. 411-9R

Well		Field		Service Date		Customer			Job Number
ILLINOIS 'A' #2				04308-Nov-03		OXY USA, INC.			2205647348
Date	Time	Annulus	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	lb/min	bbt	0	0	0	
2004-Nov-03	20:25	0	15.14	0.0	51.3	0	0	0	
2004-Nov-03	20:25	0	15.21	0.0	0.0	0	0	0	
2004-Nov-03	20:26	0	12.83	0.0	0.0	0	0	0	
2004-Nov-03	20:27	0	11.17	0.0	0.0	0	0	0	
2004-Nov-03	20:28	0	10.41	0.0	0.0	0	0	0	
2004-Nov-03	20:29	0	10.02	0.0	0.0	0	0	0	
2004-Nov-03	20:30	0	9.76	0.0	0.0	0	0	0	
2004-Nov-03	20:31	5	8.96	0.0	0.0	0	0	0	
2004-Nov-03	20:31								
2004-Nov-03	20:31	0	8.96	0.0	0.0	0	0	0	Reset Total, Vol = 0.00 bbl
2004-Nov-03	20:31	5	8.96	0.0	0.0	0	0	0	
2004-Nov-03	20:31								
2004-Nov-03	20:32	0	8.97	1.0	1.0	0	0	0	Start Displacement
2004-Nov-03	20:33	0	8.35	2.8	3.5	0	0	0	
2004-Nov-03	20:34	0	8.47	2.8	6.3	0	0	0	
2004-Nov-03	20:35	0	8.45	2.8	14.7	0	0	0	
2004-Nov-03	20:36	0	8.35	2.7	17.4	0	0	0	
2004-Nov-03	20:37	0	8.36	4.2	21.4	0	0	0	
2004-Nov-03	20:38	0	8.34	4.2	25.7	0	0	0	
2004-Nov-03	20:39	0	8.34	4.3	29.9	0	0	0	
2004-Nov-03	20:40	0	8.34	4.3	34.3	0	0	0	
2004-Nov-03	20:41	0	8.33	4.3	38.6	0	0	0	
2004-Nov-03	20:42	0	8.33	4.3	42.9	0	0	0	
2004-Nov-03	20:43	0	8.33	4.3	47.2	0	0	0	
2004-Nov-03	20:44	0	8.33	3.3	51.3	0	0	0	
2004-Nov-03	20:45	0	8.33	3.5	54.8	0	0	0	
2004-Nov-03	20:46	0	8.33	3.5	58.3	0	0	0	
2004-Nov-03	20:47	0	8.33	3.5	61.8	0	0	0	
2004-Nov-03	20:48	0	8.33	3.5	65.3	0	0	0	
2004-Nov-03	20:49	5	8.33	3.5	68.9	0	0	0	
2004-Nov-03	20:50	0	8.33	3.5	72.4	0	0	0	
2004-Nov-03	20:51	0	8.33	3.6	75.9	0	0	0	
2004-Nov-03	20:52	0	8.33	3.0	79.2	0	0	0	
2004-Nov-03	20:53	0	8.33	3.0	82.2	0	0	0	
2004-Nov-03	20:54	5	8.33	3.0	85.2	0	0	0	
2004-Nov-03	20:55	0	8.33	3.0	88.2	0	0	0	
2004-Nov-03	20:56	0	8.33	0.3	91.1	0	0	0	
2004-Nov-03	20:57	0	8.33	2.7	93.5	0	0	0	
2004-Nov-03	20:58	0	8.33	2.7	96.2	0	0	0	
2004-Nov-03	20:59	0	8.33	2.7	98.9	0	0	0	
2004-Nov-03	21:00	5	8.32	2.7	101.7	0	0	0	
2004-Nov-03	21:01	0	8.32	1.8	103.4	0	0	0	
2004-Nov-03	21:02	0	8.32	1.8	105.2	0	0	0	
2004-Nov-03	21:03	0	8.32	1.8	107.0	0	0	0	
2004-Nov-03	21:04	0	8.32	1.8	108.8	0	0	0	
2004-Nov-03	21:05	5	8.32	1.8	110.6	0	0	0	
2004-Nov-03	21:06	0	8.32	1.8	112.5	0	0	0	
2004-Nov-03	21:07	0	8.32	1.7	114.3	0	0	0	
2004-Nov-03	21:08	0	8.32	2.0	116.1	0	0	0	
2004-Nov-03	21:09	0	8.32	2.0	118.1	0	0	0	
2004-Nov-03	21:10	0	8.32	2.0	120.0	0	0	0	
2004-Nov-03	21:11	0	8.32	2.0	122.0	0	0	0	
2004-Nov-03	21:12	0	8.32	2.0	124.0	0	0	0	
2004-Nov-03	21:13	0	8.32	2.0	126.0	0	0	0	

Nov 4, 2004 WR99 vs. 411-SR

Well		Field		Service Date		Customer			Job Number
ILLINOIS 'A' #2				04308-Nov-03		OXY USA, INC.			2206647343
Date	Time	Annulus	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	lb/min	bbf	0	0	0	
2004-Nov-03	21:14	0	8.32	2.0	128.0	0	0	0	
2004-Nov-03	21:15	0	8.32	2.0	130.0	0	0	0	
2004-Nov-03	21:16	0	8.32	2.0	132.0	0	0	0	
2004-Nov-03	21:17	0	8.32	2.0	133.9	0	0	0	
2004-Nov-03	21:18	0	8.32	2.0	135.9	0	0	0	
2004-Nov-03	21:19	0	8.32	2.0	137.9	0	0	0	
2004-Nov-03	21:20	0	8.32	2.0	139.9	0	0	0	
2004-Nov-03	21:21	0	8.32	2.0	141.8	0	0	0	
2004-Nov-03	21:22	0	8.32	2.0	143.8	0	0	0	
2004-Nov-03	21:23	0	8.32	2.0	145.8	0	0	0	
2004-Nov-03	21:24	0	8.32	1.9	147.7	0	0	0	
2004-Nov-03	21:25	0	8.32	2.0	149.7	0	0	0	
2004-Nov-03	21:26	0	8.32	2.0	151.7	0	0	0	
2004-Nov-03	21:27	5	8.32	2.0	153.7	0	0	0	
2004-Nov-03	21:28	0	8.32	1.8	155.2	0	0	0	
2004-Nov-03	21:29	0	8.32	1.8	156.9	0	0	0	
2004-Nov-03	21:30	0	8.32	1.9	158.8	0	0	0	
2004-Nov-03	21:31	0	8.32	2.0	160.8	0	0	0	
2004-Nov-03	21:32	0	8.32	2.0	162.7	0	0	0	
2004-Nov-03	21:33	0	8.32	1.9	164.7	0	0	0	
2004-Nov-03	21:34	0	8.32	1.9	166.6	0	0	0	
2004-Nov-03	21:35	5	8.32	1.9	168.6	0	0	0	
2004-Nov-03	21:36	0	8.32	1.9	170.5	0	0	0	
2004-Nov-03	21:37	0	8.32	1.9	172.5	0	0	0	
2004-Nov-03	21:38	0	8.32	1.9	174.4	0	0	0	
2004-Nov-03	21:39	0	8.32	1.9	176.4	0	0	0	
2004-Nov-03	21:40	0	8.32	1.9	178.3	0	0	0	
2004-Nov-03	21:41	0	8.32	1.9	180.2	0	0	0	
2004-Nov-03	21:42	0	8.32	1.9	182.2	0	0	0	
2004-Nov-03	21:43	0	8.32	1.9	184.1	0	0	0	
2004-Nov-03	21:44	0	8.32	1.9	186.0	0	0	0	
2004-Nov-03	21:45	0	8.32	1.9	187.9	0	0	0	
2004-Nov-03	21:46	0	8.32	1.9	189.9	0	0	0	
2004-Nov-03	21:47	0	8.32	0.0	191.5	0	0	0	
2004-Nov-03	21:48	0	8.32	0.0	191.5	0	0	0	
2004-Nov-03	21:49	0	8.32	0.0	191.5	0	0	0	
2004-Nov-03	21:49								Bump Top Plug
2004-Nov-03	21:49	0	8.32	0.0	191.5	0	0	0	End Displacement
2004-Nov-03	21:49	0	8.32	0.0	191.5	0	0	0	
2004-Nov-03	21:49								End Job
2004-Nov-03	21:49	0	8.32	0.0	191.5	0	0	0	
2004-Nov-03	21:49								Reset Total, Vol = 191.55 bbl

Well		Field		Service Date		Customer		Job Number	
ILLINOIS 'A' #2				04308-Nov-03		OXY USA, INC.		2205547343	
Date	Time	Annular	Density	Rate	Volume				Message
	24 hr clock	psi	lb/gal	gpm	bbbl	0	0	0	
						0	0	0	
<b>Post Job Summary</b>									
Average Pump Rates, bpm				Volume of Fluid Injected, bbl					
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
5	0	0	6	268	0	10			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
100		50	1100		bbbl	lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume 100 bbl <input type="checkbox"/> Washed Thru Parts To ft					
%	268 bbl	109.5 bbl	°F						
Customer or Authorized Representative			Schlumberger Supervisor			Tan, Naveen		<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed	
Willimon, Wes									



# Service Order

2005-Feb-23

Customer OXY USA, INC. Well Name and Number ILLINOIS 'A' 2 Well Master:	Person Taking Call Ousley, John Legal Location SEC API / UWI: 0630639069	Dowell Location Perryton, TX County STEVENS	OrderDate 2004-Nov-02 Job Number <b>2205547343</b> State/Province KS
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Rig Name MURFIN 20 Time Well Ready:	Well Age New	Sales Engineer Cambern, Charles	Job Type Cem Surface Casing
Deviation	Bit Size 12.2 in	Well MD 1,739 ft	Well TVD 1,758 ft
Treat Down	Packer Type	Packer Depth	WellHead Connection
Casing		ft	8 5/8" H&SM

Depth, Depth, 1757.5	ft Size, 8.63	In Weight, 24	lb/ft 1757.5	Grade	Thread CEMENT 8 5/8" SURFACE CASING WITH: 10 BBL FRESH WATER 570 SK 35:65 POZ:CLASS C + 6% D020 + 2% S001 + 0.5 pps D029
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Depth,	Size, in	Weight, lb/ft	Grade	Thread	195 SK CLASS C + 2% S001 + 0.25 pps D029
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**Extra Equipment:**

- 1 CemCAT
- 2 ABT
- 1 PUMP

**Perforated Intervals**

Top, ft	Bottom, ft	spf	No. of Shots	Total Interval	
				ft	
				Diameter	
				in	

**Expected On Location:**

**Ready To Pump:**

<b>Contact</b> CAL WYLIE	<b>Voice</b>	<b>Mobile</b> 1 620 629 5656	<b>FAX</b>	<b>Notes</b>
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**Notes:**  
TAKE ONE 8 5/8" TOP PLUG

**Directions:**  
PERRYTON, TX. HWY 83 NORTH TO LIBERAL, TAKE HWY 83 LOOP TO JCT HWY 83 & 54, T/L, TAKE HWY 54 WEST TO WESTERN ST, T/R, CROSS RR, T/L @ VFW ONTO 2ND ST, 11 MI WEST ON 2ND STREET ROAD, 2 1/4 MI NORTH, WEST INTO LOCATION

**Other Notes:**  
FOLLOW ALL CONVOY POLICIES AND QHSE STANDARDS, REMEMBER THAT YOUR FAMILY WAITS FOR YOU COME BACK SAFE!!!

**Comments:**

**Fluid Systems:**

**LEAD**

570 SK 35:65 POZ:CLASS C + 6% D020 + 2% S001 + 0.5 pps  
D029

*Density:* 12.2 lb/gal    *Thickening Time:*  
*Yield:* 2.18 ft<sup>3</sup>/sk  
*H2O Mix:* 12.3 gal/sk  
*H2O:* 7011 gal    *Eq. Sack Weight:* 88.9 lb  
*Total Blend:* 570 sacks

<b>Dowell Code</b>	<b>Conc/ Amount</b>	<b>Total Quantity</b>
CLASS C	61.1 lbs/sk	34827
D020	5.334 lbs/sk	3040.38
D132	27.8 lbs/sk	15846
D029	0.5 lbs/sk	285
S001	1.778 lbs/sk	1013.46

**TAIL**

195 SK CLASS C + 2% S001 + 0.25 pps D029

*Density:* 14.8 lb/gal    *Thickening Time:*  
*Yield:* 1.34 ft<sup>3</sup>/sk  
*H2O Mix:* 6.353 gal/sk  
*H2O:* 1238.835 gal    *Eq. Sack Weight:* 94 lb  
*Total Blend:* 195 sacks

<b>Dowell Code</b>	<b>Conc/ Amount</b>	<b>Total Quantity</b>
S001	1.88 lbs/sk	366.6
D029	0.25 lbs/sk	48.75
CLASS C	94 lbs/sk	18330



# CONFIDENTIAL

## Cementing Service Report

Customer <b>OXY USA, INC.</b>	Job Number <b>2205547020</b>
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Well <b>ILLINOIS 'A' 2</b>		Location (legal)		Schlumberger Location <b>Perryton, TX</b>		Job Start <b>2004-Nov-15</b>			
Field		Formation Name/Type		Deviation		Well TVD <b>6,800 ft</b>			
County <b>STEVENS</b>		State/Province <b>KS</b>		Bit Size <b>7.88 in</b>		Well MD <b>6,800 ft</b>			
Well Master: <b>0630639069</b>		API / UWI:		BHP <b>psi</b>		BHST <b>148 °F</b>			
Rig Name <b>MURFIN 20</b>		Drilled For <b>Oil &amp; Gas</b>		Service Via		BHCT <b>°F</b>			
Offshore Zone		Well Class <b>New</b>		Well Type <b>Development</b>		Pore Press. Gradient <b>psi/ft</b>			
Drilling Fluid Type		Max. Density <b>lb/gal</b>		Plastic Viscosity <b>cp</b>		Casing/Liner			
Service Line <b>Cementing</b>		Job Type <b>Cem Prod Casing</b>		Depth, ft		Size, in			
Max. Allowed Tubing Pressure <b>psi</b>		Max. Allowed Ann. Pressure <b>psi</b>		Wellhead Connection <b>5 1/2" H&amp;SM</b>		Weight, lb/ft			
Service Instructions <b>CEMENT PROD 5 1/2" CASING : 20 BBLs CW100 285 SKS (25 for Rat and Mouse hole) 50/50 POZ/CLASS H + 2%D20 + 3%M117 + 5 PPSD42 + 5 PPS D53 + 0.25 %D112 + 0.25 %D65 + 0.25%D46</b>		Perforations/Open Hole		Grade		Thread			
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>		Top, ft		Bottom, ft			
Lift Pressure: <b>850 psi</b>		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input checked="" type="checkbox"/>		spf			
No. Centralizers: Top Plugs: <b>1</b>		Bottom Plugs: <b>1</b>		No. of Shots		Total Interval <b>ft</b>			
Cement Head Type: <b>Single</b>		Job Scheduled For: <b>2004-Nov-14 22:30</b>		Arrived on Location: <b>2004-Nov-15 3:30</b>		Leave Location:			
Job Scheduled For: <b>2004-Nov-14 22:30</b>		Arrived on Location: <b>2004-Nov-15 3:30</b>		Treat Down Casing		Displacement <b>162.2 bbl</b>			
Job Scheduled For: <b>2004-Nov-14 22:30</b>		Arrived on Location: <b>2004-Nov-15 3:30</b>		Tubing Vol. <b>bbl</b>		Casing Vol. <b>164 bbl</b>			
Job Scheduled For: <b>2004-Nov-14 22:30</b>		Arrived on Location: <b>2004-Nov-15 3:30</b>		Annular Vol. <b>209 bbl</b>		Open Hole Vol. <b>373 bbl</b>			
Job Scheduled For: <b>2004-Nov-14 22:30</b>		Arrived on Location: <b>2004-Nov-15 3:30</b>		Casing Tools		Squeeze Job			
Job Scheduled For: <b>2004-Nov-14 22:30</b>		Arrived on Location: <b>2004-Nov-15 3:30</b>		Shoe Type:		Squeeze Type:			
Job Scheduled For: <b>2004-Nov-14 22:30</b>		Arrived on Location: <b>2004-Nov-15 3:30</b>		Shoe Depth: <b>6777 ft</b>		Tool Type:			
Job Scheduled For: <b>2004-Nov-14 22:30</b>		Arrived on Location: <b>2004-Nov-15 3:30</b>		Stage Tool Type:		Tool Depth: <b>ft</b>			
Job Scheduled For: <b>2004-Nov-14 22:30</b>		Arrived on Location: <b>2004-Nov-15 3:30</b>		Stage Tool Depth: <b>ft</b>		Tail Pipe Size: <b>in</b>			
Job Scheduled For: <b>2004-Nov-14 22:30</b>		Arrived on Location: <b>2004-Nov-15 3:30</b>		Collar Type:		Tail Pipe Depth: <b>ft</b>			
Job Scheduled For: <b>2004-Nov-14 22:30</b>		Arrived on Location: <b>2004-Nov-15 3:30</b>		Collar Depth: <b>6691 ft</b>		Sqz Total Vol: <b>bbl</b>			
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2004-Nov-15	1:05	5	0.0	8.56	0.0	0	0	0	
2004-Nov-15	1:05	5	0.0	8.56	0.0	0	0	0	
2004-Nov-15	1:05								Start Job
2004-Nov-15	1:05	270	0.4	8.56	0.2	0	0	0	
2004-Nov-15	1:06	2728	0.0	8.56	0.3	0	0	0	
2004-Nov-15	1:06	4234	0.0	8.56	0.3	0	0	0	
2004-Nov-15	1:06								Pressure Test Lines
2004-Nov-15	1:06	4193	0.0	8.56	0.3	0	0	0	
2004-Nov-15	1:07	4161	0.0	8.56	0.3	0	0	0	
2004-Nov-15	1:07	4134	0.0	8.56	0.3	0	0	0	
2004-Nov-15	1:08	4120	0.0	8.56	0.3	0	0	0	
2004-Nov-15	1:08	73	0.0	8.56	0.3	0	0	0	
2004-Nov-15	1:09	206	1.0	8.56	0.4	0	0	0	
2004-Nov-15	1:09	485	5.7	8.56	2.7	0	0	0	
2004-Nov-15	1:10	449	5.7	8.56	5.5	0	0	0	
2004-Nov-15	1:10	426	5.7	8.56	8.4	0	0	0	
2004-Nov-15	1:11	412	5.7	8.56	11.2	0	0	0	
2004-Nov-15	1:11	426	5.7	8.56	14.1	0	0	0	
2004-Nov-15	1:12	430	5.7	8.56	16.9	0	0	0	
2004-Nov-15	1:12	426	5.7	8.55	19.8	0	0	0	
2004-Nov-15	1:13	417	5.7	8.55	22.6	0	0	0	
2004-Nov-15	1:13	60	0.0	8.55	23.1	0	0	0	

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Well		Field			Service Date		Customer		Job Number
ILLINOIS 'A' #2					04320-Nov-15		OXY USA, INC.		2205547020
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2004-Nov-15	1:14	46	0.5	8.55	23.1	0	0	0	
2004-Nov-15	1:14	128	0.5	8.55	23.4	0	0	0	
2004-Nov-15	1:15	23	0.5	8.70	23.6	0	0	0	
2004-Nov-15	1:15	18	0.0	8.73	23.8	0	0	0	
2004-Nov-15	1:16	18	0.0	8.83	23.8	0	0	0	
2004-Nov-15	1:16	18	0.0	8.88	23.8	0	0	0	
2004-Nov-15	1:17	18	0.0	8.91	23.8	0	0	0	
2004-Nov-15	1:17	18	0.0	8.91	23.8	0	0	0	
2004-Nov-15	1:18	18	0.0	10.24	23.8	0	0	0	
2004-Nov-15	1:18	64	0.0	10.74	23.8	0	0	0	
2004-Nov-15	1:19	18	0.0	13.24	23.8	0	0	0	
2004-Nov-15	1:19	110	0.0	13.72	23.8	0	0	0	
2004-Nov-15	1:20	105	0.0	13.71	23.8	0	0	0	
2004-Nov-15	1:20	9	0.0	13.72	23.8	0	0	0	
2004-Nov-15	1:21	5	0.0	13.72	23.8	0	0	0	
2004-Nov-15	1:21	5	0.0	13.36	23.8	0	0	0	
2004-Nov-15	1:22	5	0.0	12.79	23.8	0	0	0	
2004-Nov-15	1:22	5	0.0	12.98	23.8	0	0	0	
2004-Nov-15	1:23	5	0.0	13.31	23.8	0	0	0	
2004-Nov-15	1:23	5	0.0	13.31	23.8	0	0	0	
2004-Nov-15	1:24	5	0.0	13.24	23.8	0	0	0	
2004-Nov-15	1:24	55	0.0	13.24	23.8	0	0	0	
2004-Nov-15	1:25	87	0.0	13.21	23.8	0	0	0	
2004-Nov-15	1:25	5	0.0	10.93	23.8	0	0	0	
2004-Nov-15	1:26	5	0.0	4.70	23.8	0	0	0	
2004-Nov-15	1:26	5	0.0	9.18	23.8	0	0	0	
2004-Nov-15	1:27	5	0.0	10.91	23.8	0	0	0	
2004-Nov-15	1:27	0	0.0	11.00	23.8	0	0	0	
2004-Nov-15	1:28	0	0.0	11.02	23.8	0	0	0	
2004-Nov-15	1:28	14	0.0	12.05	23.8	0	0	0	
2004-Nov-15	1:29	14	0.0	12.02	23.8	0	0	0	
2004-Nov-15	1:29	14	0.0	11.98	23.8	0	0	0	
2004-Nov-15	1:30	14	0.0	11.95	23.8	0	0	0	
2004-Nov-15	1:30	9	0.0	11.84	23.8	0	0	0	
2004-Nov-15	1:31	9	0.0	11.75	23.8	0	0	0	
2004-Nov-15	1:31	9	0.0	11.88	23.8	0	0	0	
2004-Nov-15	1:32								Reset Total, Vol = 24.74 bbl
2004-Nov-15	1:32	494	3.9	9.21	24.7	0	0	0	
2004-Nov-15	1:32	508	4.0	9.21	0.1	0	0	0	
2004-Nov-15	1:32	504	4.0	9.21	0.1	0	0	0	
2004-Nov-15	1:32								Start Cement Slurry
2004-Nov-15	1:32	435	5.4	12.26	2.3	0	0	0	
2004-Nov-15	1:33	426	5.2	12.11	5.0	0	0	0	
2004-Nov-15	1:33	165	3.7	12.75	7.1	0	0	0	
2004-Nov-15	1:34	444	4.0	14.88	9.1	0	0	0	
2004-Nov-15	1:34	554	6.5	13.92	11.8	0	0	0	
2004-Nov-15	1:35	385	5.7	13.15	14.6	0	0	0	
2004-Nov-15	1:35	366	5.7	12.95	17.5	0	0	0	
2004-Nov-15	1:36	352	5.7	13.24	20.3	0	0	0	
2004-Nov-15	1:36	293	5.7	13.14	23.2	0	0	0	
2004-Nov-15	1:37	266	5.7	13.00	26.0	0	0	0	
2004-Nov-15	1:37	96	3.9	13.17	28.0	0	0	0	
2004-Nov-15	1:38	284	5.7	14.05	30.8	0	0	0	
2004-Nov-15	1:38	256	5.7	14.12	33.6	0	0	0	

Well		Field			Service Date		Customer		Job Number
ILLINOIS 'A' #2					04320-Nov-15		OXY USA, INC.		2206547020
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message
	24 hr clock	psi	bbf/min	lb/gal	bbf	0	0	0	
2004-Nov-15	1:39	233	5.7	13.82	36.5	0	0	0	
2004-Nov-15	1:39	256	5.7	13.68	39.3	0	0	0	
2004-Nov-15	1:40	165	5.7	11.44	42.2	0	0	0	
2004-Nov-15	1:40	243	5.7	13.82	45.0	0	0	0	
2004-Nov-15	1:41	206	5.7	13.04	47.9	0	0	0	
2004-Nov-15	1:41	192	5.7	13.23	50.7	0	0	0	
2004-Nov-15	1:42	92	3.9	13.78	52.8	0	0	0	
2004-Nov-15	1:42	110	3.9	13.96	54.8	0	0	0	
2004-Nov-15	1:43	146	3.9	14.23	56.7	0	0	0	
2004-Nov-15	1:43	275	5.7	14.41	59.3	0	0	0	
2004-Nov-15	1:44	96	3.9	14.01	61.8	0	0	0	
2004-Nov-15	1:44	188	3.9	14.02	63.8	0	0	0	
2004-Nov-15	1:45	188	3.9	13.96	65.8	0	0	0	
2004-Nov-15	1:45	165	3.9	14.70	67.7	0	0	0	
2004-Nov-15	1:46	137	3.9	14.50	69.7	0	0	0	
2004-Nov-15	1:46	114	3.9	14.47	71.6	0	0	0	
2004-Nov-15	1:47	73	3.9	13.75	73.6	0	0	0	
2004-Nov-15	1:47	137	3.9	14.36	75.5	0	0	0	
2004-Nov-15	1:48	124	3.9	13.92	77.5	0	0	0	
2004-Nov-15	1:48	133	3.9	13.72	79.4	0	0	0	
2004-Nov-15	1:49	110	3.9	14.15	81.4	0	0	0	
2004-Nov-15	1:49	128	3.9	14.26	83.3	0	0	0	
2004-Nov-15	1:50	5	0.0	1.17	84.2	0	0	0	
2004-Nov-15	1:50								End Cement Slurry
2004-Nov-15	1:50	0	0.0	0.98	84.2	0	0	0	
2004-Nov-15	1:50								Reset Total, Vol = 84.17 bbl
2004-Nov-15	1:50	0	0.0	0.89	0.0	0	0	0	
2004-Nov-15	1:50	-5	0.0	0.13	0.0	0	0	0	
2004-Nov-15	1:51	-9	0.0	0.11	0.0	0	0	0	
2004-Nov-15	1:51	-5	0.0	0.11	0.0	0	0	0	
2004-Nov-15	1:52	37	0.0	5.96	0.0	0	0	0	
2004-Nov-15	1:52	73	0.0	9.92	0.0	0	0	0	
2004-Nov-15	1:53	266	0.0	9.85	0.0	0	0	0	
2004-Nov-15	1:53	247	0.0	9.00	0.0	0	0	0	
2004-Nov-15	1:54	211	0.0	8.40	0.0	0	0	0	
2004-Nov-15	1:54	174	0.0	8.45	0.0	0	0	0	
2004-Nov-15	1:55	247	0.0	8.64	0.0	0	0	0	
2004-Nov-15	1:55	211	0.0	8.29	0.0	0	0	0	
2004-Nov-15	1:56	156	0.0	8.95	0.0	0	0	0	
2004-Nov-15	1:56	389	0.0	8.55	0.0	0	0	0	
2004-Nov-15	1:57	266	0.0	8.55	0.0	0	0	0	
2004-Nov-15	1:57	5	0.0	8.40	0.0	0	0	0	
2004-Nov-15	1:58	-5	0.0	0.33	0.0	0	0	0	
2004-Nov-15	1:58	18	1.4	8.47	0.2	0	0	0	
2004-Nov-15	1:59	55	4.2	8.55	1.2	0	0	0	
2004-Nov-15	1:59	82	5.1	8.55	3.5	0	0	0	
2004-Nov-15	2:00	101	5.2	8.55	6.1	0	0	0	
2004-Nov-15	2:00	87	5.2	8.55	8.7	0	0	0	
2004-Nov-15	2:01	82	5.2	8.55	11.3	0	0	0	
2004-Nov-15	2:01	78	5.2	8.55	13.9	0	0	0	
2004-Nov-15	2:01								Drop Top Plug
2004-Nov-15	2:01	87	5.2	8.55	15.6	0	0	0	
2004-Nov-15	2:01	82	5.2	8.55	15.7	0	0	0	
2004-Nov-15	2:01								Start Displacement

Well		Field			Service Date		Customer		Job Number
ILLINOIS 'A' #2					04320-Nov-15		OXY USA, INC.		2205547020
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message
	24 hr clock	psi	bbt/min	lb/gal	bbt	0	0	0	
2004-Nov-15	2:02	124	6.6	8.55	17.7	0	0	0	
2004-Nov-15	2:02	174	7.9	8.55	21.1	0	0	0	
2004-Nov-15	2:03	206	7.9	8.55	25.0	0	0	0	
2004-Nov-15	2:03	206	7.9	8.55	29.0	0	0	0	
2004-Nov-15	2:04	146	7.9	8.55	32.9	0	0	0	
2004-Nov-15	2:04	179	7.9	8.55	36.8	0	0	0	
2004-Nov-15	2:05	206	7.9	8.55	40.8	0	0	0	
2004-Nov-15	2:05	197	7.9	8.55	44.8	0	0	0	
2004-Nov-15	2:06	156	7.9	8.55	48.8	0	0	0	
2004-Nov-15	2:06	146	7.9	8.55	52.7	0	0	0	
2004-Nov-15	2:07	188	7.9	8.55	56.6	0	0	0	
2004-Nov-15	2:07	197	7.9	8.55	60.6	0	0	0	
2004-Nov-15	2:08	160	7.9	8.55	64.5	0	0	0	
2004-Nov-15	2:08	160	7.9	8.55	68.5	0	0	0	
2004-Nov-15	2:09	206	7.9	8.55	72.4	0	0	0	
2004-Nov-15	2:09	211	7.9	8.55	76.3	0	0	0	
2004-Nov-15	2:10	201	7.9	8.55	80.3	0	0	0	
2004-Nov-15	2:10	165	7.9	8.54	84.2	0	0	0	
2004-Nov-15	2:11	174	7.9	8.54	88.1	0	0	0	
2004-Nov-15	2:11	179	7.9	8.54	92.1	0	0	0	
2004-Nov-15	2:12	-5	5.6	8.54	95.7	0	0	0	
2004-Nov-15	2:12	55	2.1	8.55	97.5	0	0	0	
2004-Nov-15	2:13	46	2.1	8.55	98.6	0	0	0	
2004-Nov-15	2:13	41	2.1	8.55	99.6	0	0	0	
2004-Nov-15	2:14	55	3.6	8.55	101.2	0	0	0	
2004-Nov-15	2:14	60	3.9	8.55	103.1	0	0	0	
2004-Nov-15	2:15	96	5.2	8.55	105.3	0	0	0	
2004-Nov-15	2:15	179	5.1	8.55	107.9	0	0	0	
2004-Nov-15	2:16	183	5.1	8.55	110.4	0	0	0	
2004-Nov-15	2:16	243	5.1	8.55	113.0	0	0	0	
2004-Nov-15	2:17	284	5.1	8.55	115.5	0	0	0	
2004-Nov-15	2:17	284	5.1	8.55	118.2	0	0	0	
2004-Nov-15	2:18	320	5.1	8.55	120.7	0	0	0	
2004-Nov-15	2:18	348	5.1	8.55	123.2	0	0	0	
2004-Nov-15	2:19	366	5.1	8.55	125.8	0	0	0	
2004-Nov-15	2:19	426	5.1	8.55	128.3	0	0	0	
2004-Nov-15	2:20	467	5.1	8.55	130.8	0	0	0	
2004-Nov-15	2:20	485	5.0	8.55	133.4	0	0	0	
2004-Nov-15	2:21	540	5.0	8.55	135.9	0	0	0	
2004-Nov-15	2:21	558	5.0	8.55	138.4	0	0	0	
2004-Nov-15	2:22	604	5.0	8.55	140.9	0	0	0	
2004-Nov-15	2:22	655	5.0	8.55	143.4	0	0	0	
2004-Nov-15	2:23	700	5.0	8.55	145.9	0	0	0	
2004-Nov-15	2:23	746	5.0	8.55	148.4	0	0	0	
2004-Nov-15	2:24	801	5.0	8.55	150.9	0	0	0	
2004-Nov-15	2:24	847	5.0	8.55	153.4	0	0	0	
2004-Nov-15	2:25	879	4.9	8.55	155.9	0	0	0	
2004-Nov-15	2:25	774	2.2	8.55	157.3	0	0	0	
2004-Nov-15	2:26	815	2.2	8.55	158.3	0	0	0	
2004-Nov-15	2:26	801	2.2	8.55	159.4	0	0	0	
2004-Nov-15	2:27	856	2.2	8.55	160.5	0	0	0	
2004-Nov-15	2:27	1602	0.0	8.51	160.9	0	0	0	
2004-Nov-15	2:28	1602	0.0	8.48	160.9	0	0	0	
2004-Nov-15	2:28	1598	0.0	8.48	160.9	0	0	0	

Well		Field			Service Date		Customer		Job Number
ILLINOIS 'A' #2					04320-Nov-15		OXY USA, INC.		2205547020
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2004-Nov-15	2:29	1602	0.0	8.48	160.9	0	0	0	
2004-Nov-15	2:29								Bump Top Plug
2004-Nov-15	2:29								End Displacement
2004-Nov-15	2:29	1602	0.0	8.48	160.9	0	0	0	
2004-Nov-15	2:29	1602	0.0	8.48	160.9	0	0	0	
2004-Nov-15	2:29								Reset Total, Vol = 160.91 bbl
2004-Nov-15	2:29	1433	0.0	8.48	0.0	0	0	0	
2004-Nov-15	2:29	5	0.0	8.47	0.0	0	0	0	
2004-Nov-15	2:30	0	0.0	8.44	0.0	0	0	0	
2004-Nov-15	2:30	5	0.0	8.44	0.0	0	0	0	
2004-Nov-15	2:31	5	0.0	8.44	0.0	0	0	0	
2004-Nov-15	2:31	5	0.0	8.45	0.0	0	0	0	
2004-Nov-15	2:32	9	0.0	8.44	0.0	0	0	0	
2004-Nov-15	2:32	9	0.0	8.39	0.0	0	0	0	
2004-Nov-15	2:32								End Job
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2	
5			8		72	0	20		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
			1500			bbl	lb/gal		
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp		<input type="checkbox"/> Cement Circulated to Surface?	Volume	bbl		
%	72 bbl	161 bbl	°F		<input type="checkbox"/> Washed Thru Perfs	To	ft		
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> CirculationLost			
Fillpot, Gregg			Ahrends, Timothy			<input checked="" type="checkbox"/> Job Completed			

Date	11/14/04
Company	OXY
Job Number	2205547020
Well Name	Illinois
Well Number	A 2
County	Stevens
State	KS

# Schlumberger

Pipe Size	5 1/2	
Pipe Weight	15.5	14
Pipe Depth	1803	4974
Shoe Length	43	
Insert Depth	6734	
Hole Size	7 7/8	
Hole Depth	6800	

1st System	
260 sacks	H
1.55 yield	
13.8 weight	
7.1 water	44
cubic ft.	403
height	2326
bbls	71.8

373	Pipe Volume	164
	Annular Volume	209
	Total Cement	72
	Total Water	207

Pipe Factor	0.0238	0.0244
Annular Factor	0.0309	
Height Factor	5.7718	

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

Casing lift 4107  
Cement lift 753

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

Test 3000

20 Chemical Wash

0 Water

72 Lead 13.8

0 Tail 0

163.3 Displacement

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

2000 Maximum Pressure

Pump Time @ 5 BPM 47 MIN