

CONFIDENTIAL

KCC
MAY 27 2005

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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

ORIGINAL

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: NA
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200
Contractor: Name: Cheyenne Drilling LP
License: 33375
Wellsite Geologist: Marvin T. Harvey, Jr.

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Other
 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. _____
02/01/05 02/09/05 2-10-2005
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 067-21598-0000
County: Grant
SE - NW - NE Sec 14 Twp. 27 S. R. 36W
843 feet from S (N) (circle one) Line of Section
1662 feet from (E) W (circle one) Line of Section

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

Lease Name: Hoffman S Well #: 1
Field Name: _____
Producing Formation: NA
Elevation: Ground: 3098 Kelly Bushing: 3109
Total Depth: 5675 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 1889 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____

Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ACT I Ppt within 4-20-07
(Data must be collected from the Reserve Pit)
Chloride content 1100 mg/l ppm Fluid volume 1600 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.

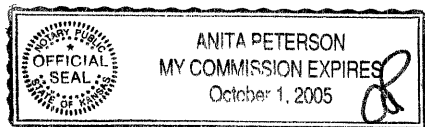
Signature: Vicki Carder
Title: Capital Project Date May 24, 2005
Subscribed and sworn to before me this 24th day of May
20 05
Notary Public: Anita Peterson
Date Commission Expires: Oct. 1, 2005

KCC Office Use Only
YES Letter of Confidentiality Attached
If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution



X

Side Two

Operator Name: OXY USA Inc. Lease Name: Hoffman S Well #: 1
 Sec. 14 Twp. 27 S. R. 36W East West County: Grant

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Sonic Neutron Induction Microlog Geological Report	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Cherokee</td> <td>4729</td> <td>-1620</td> </tr> <tr> <td>Marmaton</td> <td>4568</td> <td>-1459</td> </tr> <tr> <td>Lansing</td> <td>3956</td> <td>-847</td> </tr> <tr> <td>Morrow</td> <td>5070</td> <td>-1961</td> </tr> <tr> <td>Heebner</td> <td>3908</td> <td>-799</td> </tr> <tr> <td>Chester</td> <td>5238</td> <td>-2129</td> </tr> <tr> <td>St. Genevieve</td> <td>5434</td> <td>-2325</td> </tr> <tr> <td>St. Louis</td> <td>5540</td> <td>-2431</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Cherokee	4729	-1620	Marmaton	4568	-1459	Lansing	3956	-847	Morrow	5070	-1961	Heebner	3908	-799	Chester	5238	-2129	St. Genevieve	5434	-2325	St. Louis	5540	-2431
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Cherokee	4729	-1620																													
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Chester	5238	-2129																													
St. Genevieve	5434	-2325																													
St. Louis	5540	-2431																													

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	1889	C	645	35/65 Poz + Additives
					C	195	Class C + Additives
Production							

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
	3050 w/100 sxs		
	1900' w/50 sxs		
	700' w/ 50 sxs		
	40' w/10 sxs		

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)		
Estimated Production Per 24 Hours	Oil BBLs NA	Gas Mcf NA	Water Bbls	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) Well P&A

Customer CONFIDENTIAL OXY USA, INC.						Job Number 2205547663					
Well Hoffman 'S' 1			Location (legal) Sec 14-27S-36W			Schlumberger Location Perryton, TX			Job Start 2005-Feb-03		
Field		Formation Name/Type		Deviation		Bit Size 12.3 in		Well MD 1,893 ft		Well TVD 1,893 ft	
County Grant		State/Province Kansas		BHP psi		BHST 99 °F		BHCT °F		Pore Press. Gradient psi/ft	
Well Master: 0630656441		API / UWI:		Casing/Liner							
Rig Name CHEYENNE 1		Drilled For Oil		Service Via Land		Depth, ft 1876.64		Size, in 8.63		Weight, lb/ft 24	
Offshore Zone		Well Class New		Well Type Development		Grade		Thread 8RD			
Drilling Fluid Type Bentonite		Max. Density 9.2 lb/gal		Plastic Viscosity 33 cp		Depth, ft		Size, in		Weight, lb/ft	
Service Line Cementing		Job Type Cem Surface Casing		Tubing/Drill Pipe							
Max. Allowed Tubing Pressure 2000 psi		Max. Allowed Ann. Pressure psi		Wellhead Connection 8 5/8" H&SM		Top, ft		Bottom, ft		spf	
Service Instructions CEMENT 8 5/8" SURFACE CASING WITH: 10 BBL FRESH WATER 645 SK 35:65 POZ C + 6% D020 + 2% S001 + 0.5 pps D029 195 SK CLASS C + 2% S001 + 0.25 pps D029 DISPLACE WITH FRESH WATER		No. of Shots		Total Interval ft		Diameter in		Packer Depth ft		Open Hole Vol 260 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: 420 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Auto-Fill		Squeeze Type			
No. Centralizers:		Top Plugs:		Bottom Plugs: 1		Shoe Depth: 1848.36 ft		Tool Type:			
Cement Head Type: Single		Stage Tool Type:		Tool Depth: ft		Stage Tool Depth: ft		Tail Pipe Size: in			
Job Scheduled For:		Arrived on Location: 2005-Feb-02 22:00		Leave Location: 2005-Feb-03 15:00		Collar Type:		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		
2005-Feb-03	12:10	0	8.36	0.0	0.0	0	0	0			
2005-Feb-03	12:10	0	8.36	0.0	0.0	0	0	0			
2005-Feb-03	12:10								Start Job		
2005-Feb-03	12:10	0	8.36	0.0	0.0	0	0	0			
2005-Feb-03	12:10								Pressure Test Lines		
2005-Feb-03	12:10								Start Pumping Spacer		
2005-Feb-03	12:10	0	8.36	0.0	0.0	0	0	0			
2005-Feb-03	12:11	0	8.36	0.0	0.0	0	0	0			
2005-Feb-03	12:12	0	8.36	0.1	0.2	0	0	0			
2005-Feb-03	12:12	0	8.36	0.0	0.2	0	0	0			
2005-Feb-03	12:12								Reset Total, Vol = 0.21 bbl		
2005-Feb-03	12:13	5	8.36	0.0	0.0	0	0	0			
2005-Feb-03	12:14	0	8.36	5.9	2.7	0	0	0			
2005-Feb-03	12:15	0	8.35	5.6	8.3	0	0	0			
2005-Feb-03	12:16	0	8.48	5.6	11.5	0	0	0			
2005-Feb-03	12:16								End Spacer		
2005-Feb-03	12:16	0	8.53	5.6	11.7	0	0	0			
2005-Feb-03	12:16								Reset Total, Vol = 11.70 bbl		
2005-Feb-03	12:16	0	8.57	5.7	0.2	0	0	0			
2005-Feb-03	12:16								Start Mixing Lead Slurry		
2005-Feb-03	12:16	0	8.98	5.7	2.3	0	0	0			
2005-Feb-03	12:17	0	10.04	5.8	8.1	0	0	0			

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Well		Field		Service Date		Customer			Job Number
Hoffman 'S' #1				0534-Feb-03		OXY USA, INC.			2205547883
Date	Time	Annulus	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbf/min	bbf	0	0	0	
2005-Feb-03	12:18	0	11.31	5.0	13.5	0	0	0	KCC MAY 24 2005
2005-Feb-03	12:19	0	12.20	5.0	18.5	0	0	0	
2005-Feb-03	12:20	0	12.31	5.0	23.5	0	0	0	CONFIDENTIAL
2005-Feb-03	12:21	0	12.17	5.3	28.6	0	0	0	
2005-Feb-03	12:22	0	11.75	5.3	33.9	0	0	0	
2005-Feb-03	12:23	0	12.43	5.0	38.9	0	0	0	
2005-Feb-03	12:24	5	11.85	5.0	43.8	0	0	0	
2005-Feb-03	12:25	0	11.81	5.0	48.8	0	0	0	
2005-Feb-03	12:26	0	11.72	4.3	53.6	0	0	0	
2005-Feb-03	12:27	0	12.88	4.3	58.0	0	0	0	
2005-Feb-03	12:28	0	12.40	5.1	63.1	0	0	0	
2005-Feb-03	12:29	0	11.60	5.2	68.2	0	0	0	
2005-Feb-03	12:30	0	12.38	4.3	73.0	0	0	0	
2005-Feb-03	12:31	0	12.56	4.3	77.3	0	0	0	
2005-Feb-03	12:32	0	12.47	4.6	81.9	0	0	0	
2005-Feb-03	12:33	0	12.41	4.9	86.8	0	0	0	
2005-Feb-03	12:34	0	12.56	4.9	91.7	0	0	0	
2005-Feb-03	12:35	0	12.22	4.9	96.6	0	0	0	
2005-Feb-03	12:36	0	11.92	4.9	101.6	0	0	0	
2005-Feb-03	12:37	0	12.24	5.1	106.1	0	0	0	
2005-Feb-03	12:38	0	12.03	5.0	111.2	0	0	0	
2005-Feb-03	12:39	0	12.08	4.7	116.2	0	0	0	
2005-Feb-03	12:40	0	12.46	4.6	120.8	0	0	0	
2005-Feb-03	12:41	0	11.97	4.7	125.4	0	0	0	
2005-Feb-03	12:42	0	11.92	4.1	129.6	0	0	0	
2005-Feb-03	12:43	0	11.64	3.5	133.5	0	0	0	
2005-Feb-03	12:44	0	11.80	3.0	136.6	0	0	0	
2005-Feb-03	12:45	0	12.30	2.9	139.5	0	0	0	
2005-Feb-03	12:46	0	12.21	2.9	142.4	0	0	0	
2005-Feb-03	12:47	0	12.14	0.0	142.9	0	0	0	
2005-Feb-03	12:48	0	12.98	3.1	143.0	0	0	0	
2005-Feb-03	12:49	0	13.11	5.3	148.3	0	0	0	
2005-Feb-03	12:50	0	12.54	5.3	153.6	0	0	0	
2005-Feb-03	12:51	0	12.34	5.3	158.9	0	0	0	
2005-Feb-03	12:51	0	12.27	5.3	159.1	0	0	0	
2005-Feb-03	12:51								Reset Total, Vol = 159.13 bbl
2005-Feb-03	12:52	0	11.78	4.5	166.9	0	0	0	
2005-Feb-03	12:53	0	12.06	4.2	171.2	0	0	0	
2005-Feb-03	12:54	0	11.99	4.0	175.2	0	0	0	
2005-Feb-03	12:55	0	12.95	4.4	178.8	0	0	0	
2005-Feb-03	12:56	0	12.17	5.4	184.1	0	0	0	
2005-Feb-03	12:57	0	12.83	5.4	189.5	0	0	0	
2005-Feb-03	12:58	0	12.51	5.4	195.0	0	0	0	
2005-Feb-03	12:59	0	12.10	6.2	200.7	0	0	0	
2005-Feb-03	13:00	0	12.13	5.8	206.6	0	0	0	
2005-Feb-03	13:01	0	12.34	5.8	212.4	0	0	0	
2005-Feb-03	13:02	0	12.27	5.7	218.2	0	0	0	
2005-Feb-03	13:03	5	12.22	5.8	223.9	0	0	0	
2005-Feb-03	13:04	0	12.25	5.8	229.7	0	0	0	
2005-Feb-03	13:05	0	12.36	5.5	235.2	0	0	0	
2005-Feb-03	13:06	0	12.32	5.5	240.8	0	0	0	
2005-Feb-03	13:07	0	12.30	5.5	246.3	0	0	0	
2005-Feb-03	13:07	0	12.43	5.5	247.1	0	0	0	
2005-Feb-03	13:07								End Lead Slurry

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Well		Field		Service Date		Customer			Job Number
Hoffman 'S' #1				0534-Feb-03		OXY USA, INC.			2205547883
Date	Time	Annulus	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	
2005-Feb-03	13:07	0	12.47	5.5	247.3	0	0	0	
2005-Feb-03	13:07								Reset Total, Vol = 247.30 bbl
2005-Feb-03	13:07	0	12.50	5.5	0.1	0	0	0	
2005-Feb-03	13:07								Start Mixing Tail Slurry
2005-Feb-03	13:08	0	14.04	5.5	4.5	0	0	0	
2005-Feb-03	13:09	5	15.06	5.2	10.1	0	0	0	
2005-Feb-03	13:10	0	14.45	4.8	15.2	0	0	0	
2005-Feb-03	13:11	0	14.40	2.9	19.6	0	0	0	
2005-Feb-03	13:12	0	14.42	2.9	22.5	0	0	0	
2005-Feb-03	13:13	0	15.15	0.0	23.5	0	0	0	
2005-Feb-03	13:14	0	14.69	6.6	28.4	0	0	0	
2005-Feb-03	13:15	0	14.68	5.2	34.0	0	0	0	
2005-Feb-03	13:16	0	14.75	4.7	39.2	0	0	0	
2005-Feb-03	13:17	0	14.76	3.5	43.3	0	0	0	
2005-Feb-03	13:18	5	16.78	2.9	46.2	0	0	0	
2005-Feb-03	13:18	0	17.06	0.0	46.4	0	0	0	
2005-Feb-03	13:18								End Tail Slurry
2005-Feb-03	13:18								Reset Total, Vol = 46.36 bbl
2005-Feb-03	13:18	0	17.07	0.0	46.4	0	0	0	
2005-Feb-03	13:18	5	17.09	0.0	0.0	0	0	0	
2005-Feb-03	13:18								Drop Top Plug
2005-Feb-03	13:18	0	17.10	0.0	0.0	0	0	0	
2005-Feb-03	13:18								Start Displacement
2005-Feb-03	13:19	0	12.36	0.0	0.0	0	0	0	
2005-Feb-03	13:20	0	11.08	0.0	0.0	0	0	0	
2005-Feb-03	13:21	5	11.19	0.0	0.0	0	0	0	
2005-Feb-03	13:22	0	11.15	0.0	0.0	0	0	0	
2005-Feb-03	13:23	0	10.82	5.5	4.0	0	0	0	
2005-Feb-03	13:24	0	8.38	5.5	9.6	0	0	0	
2005-Feb-03	13:25	0	8.91	5.9	15.7	0	0	0	
2005-Feb-03	13:26	0	8.49	5.9	21.6	0	0	0	
2005-Feb-03	13:27	5	8.37	6.0	27.6	0	0	0	
2005-Feb-03	13:28	0	8.38	6.0	33.5	0	0	0	
2005-Feb-03	13:29	0	8.36	5.9	39.5	0	0	0	
2005-Feb-03	13:30	5	8.36	5.9	45.4	0	0	0	
2005-Feb-03	13:31	0	8.36	6.0	51.4	0	0	0	
2005-Feb-03	13:32	0	8.35	5.3	57.3	0	0	0	
2005-Feb-03	13:33	0	8.35	5.3	62.7	0	0	0	
2005-Feb-03	13:34	0	8.35	5.3	68.0	0	0	0	
2005-Feb-03	13:35	0	8.35	5.4	73.3	0	0	0	
2005-Feb-03	13:36	0	8.35	5.3	78.6	0	0	0	
2005-Feb-03	13:37	0	8.35	5.2	83.9	0	0	0	
2005-Feb-03	13:38	0	8.35	5.3	89.2	0	0	0	
2005-Feb-03	13:39	0	8.35	5.3	94.5	0	0	0	
2005-Feb-03	13:40	0	8.35	5.3	99.8	0	0	0	
2005-Feb-03	13:41	0	8.35	5.4	105.1	0	0	0	
2005-Feb-03	13:42	0	8.35	1.9	109.4	0	0	0	
2005-Feb-03	13:43	0	8.35	1.9	111.3	0	0	0	
2005-Feb-03	13:44	0	8.35	1.9	113.2	0	0	0	
2005-Feb-03	13:45	5	8.35	1.9	115.1	0	0	0	
2005-Feb-03	13:46	0	8.35	1.9	117.0	0	0	0	
2005-Feb-03	13:47	0	8.35	0.0	117.8	0	0	0	
2005-Feb-03	13:48	0	8.35	0.0	117.8	0	0	0	
2005-Feb-03	13:48								Bump Top Plug

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Well Hoffman 'S' #1		Field		Service Date 0534-Feb-03		Customer OXY USA, INC.		Job Number 2205547663	
Date	Time	Annulus	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbbl/min	bbbl	0	0	0	
2005-Feb-03	13:48								End Displacement
2005-Feb-03	13:48	0	8.35	0.0	117.8	0	0	0	
2005-Feb-03	13:48	0	8.35	0.0	117.8	0	0	0	
2005-Feb-03	13:48								Reset Total, Vol = 117.76 bbl
2005-Feb-03	13:48	0	8.35	0.0	0.0	0	0	0	
2005-Feb-03	13:48								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	299	0	10			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
500		230	800		bbbl	8.34 lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume 65 bbl <input type="checkbox"/> Washed Thru Perfs To ft					
%	299 bbl	117.7 bbl	°F						
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> CirculationLost <input checked="" type="checkbox"/> Job Completed			
Fillpot, Greg			Tan, Naveen						

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Schlumberger

Date	2/2/2005
Company	Oxy USA Inc.
Job Number	2205547663
Well Name	Hoffman
Well Number	S-1
County	Grant
State	Kansas

Pipe Size	8 5/8	
Pipe Weight	24	24
Pipe Depth	1891.64	
Shoe Length	43.28	
Insert Depth	1848.36	
Hole Size	12 1/4	
Hole Depth	1893	

Lead	
645 sacks	35:65 Poz C
2.19 yield	D20,S1,D29
12.2 weight	
12.4 water	190
cubic ft.	1413
height	3423
bbls	252

Pipe Volume	120
Annular Volume	139
Total Cement	298
Total Water	338

Pipe Factor	0.0637	0.0637
Annular Factor	0.0735	
Height Factor	2.4231	

Tail	
195 sacks	Class C
1.34 yield	S1,D29
14.8 weight	
6.35 water	29
cubic ft.	261
height	633
bbls	46.5

Casing lift 777
Cement lift 452

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

Test 2000 psi

Mud

10 Spacer

252 Lead 12.2

47 Tail 14.8

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

117.7 Displacement

2000 Maximum Pressure

Pump time @ 4 BPM

104. MIN

KCC
MAY 24 2005

CONFIDENTIAL

ORIGINAL

Cementing Service Report

CONFIDENTIAL

Customer
OXY USA, INC.

Job Number
2205547718
Job Start
2005-Feb-10
Well TVD
5,675 ft

Well: HOFFMAN 'S' 1
Field: WILDCAT
County BHCT: Haskell
State/Province: Kansas
Formation Name/Type: Sec 14-T27W-R36W
Deviation: 0
Schlumberger Location: Perryton, TX
Bit Size: 7.87 in
Well MD: 5,675 ft
State/Province: Kansas
Pore Press. Gradient: psi 110
°F

Well Master: 0630656441
Rig Name: CHEYENNE 1
Offshore Zone: Gas
API / UWI: 15067215980000
Drilled For: Land
Service Via: Land
Depth, ft: 1920
Size, in: 8.63
Weight, lb/ft: 24
Grade: 8RD
Thread: 8RD

Drilling Fluid Type: New
Max. Density: Development
Plastic Viscosity: CP
Depth, ft: 3050
Size, in: 4.5
Weight, lb/ft: 16.6
Grade: XH
Thread: XH

Service Line: Cementing
Job Type: Plug & Abandon
Max. Allowed Tubing Pressure: 1000 psi
Max. Allowed Ann. Pressure: psi
WellHead Connection: 4 1/2 X-HOLE
Top, ft: 0
Bottom, ft: 0
spf: 0
No. of Shots: 0
Total Interval: 0 ft
Diameter: 0 in

Service Instructions
PLUG TO ABANDON WITH 240 SX 40/60 POZ H :
100 SX @ 3050'
50 SX @ 1900'
50 SX @ 700'
10 SX @ SURFACE
15 SX for Rat hole @ 10 sks for Mouse Hole

Treat Down: 0
Displacement: 0
Packer Type: 0
Packer Depth: 0
Drill Pipe: 65 bbl
Tubing Vol.: 43.4 bbl
Casing Vol.: 122.3 bbl
Annular Vol.: 124 bbl
OpenHole Vol.: 184 bbl

Casing/Tubing Secured: 1 Hole Volume Circulated prior to Cementing
Lift Pressure: psi
Pipe Rotated: 0
Pipe Reciprocated: 0
No. Centralizers: 0
Top Plugs: 0
Bottom Plugs: 0
Cement Head Type: in

Casing Tools: Shoe Type: 0
Shoe Depth: ft: 0
Stage Tool Type: 0
Stage Tool Depth: ft: 0
Squeeze Job: Squeeze Type: 0
Tool Type: 0
Tool Depth: ft: 0
Tail Pipe: 0
Tail Pipe Depth: ft: 0
Sqz Total Vol.: 0 bbl
Message: 0

Date	Time	Treating	Pressure	Flow Rate	Density	Volume	0	0	0	0
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.28	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.29	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.29	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.29	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.29	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.29	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.29	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.29	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.29	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.29	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.29	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.29	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.30	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.30	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.29	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.30	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.30	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.30	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.30	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.30	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.30	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.29	0.0	0	0	0	0	0
2005-Feb-1	20:0	0	0.0	8.29	0.0	0	0	0	0	0

RECEIVED
MAY 27 2005
KCC WICHITA

CONFIDENTIAL

Well

Field

Service Date

Customer

Job Number

HOFFMAN 'S' #1

WILDCAT

0541-Feb-10

OXY USA, INC.

2205547718

Date	Time	Treating	Pressure	Flow Rate	Density	Volume	0	0
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0
2005-Feb-1	20:0	0	0.0	8.29	0.0	0	0	0
2005-Feb-1	20:1	0	0.0	8.29	0.0	0	0	0
2005-Feb-1	20:1	0	0.0	8.29	0.0	0	0	0
2005-Feb-1	20:1	0	0.0	8.29	0.0	0	0	0
2005-Feb-1	20:1	0	0.0	8.29	0.0	0	0	0
2005-Feb-1	20:1	0	0.0	8.29	0.0	0	0	0
2005-Feb-1	20:1	0	0.0	8.29	0.0	0	0	0
2005-Feb-1	20:1	0	0.0	8.29	0.0	0	0	0
2005-Feb-1	20:1	0	0.0	8.29	0.0	0	0	0
2005-Feb-1	20:1	0	0.0	8.29	0.0	0	0	0
2005-Feb-1	20:1	0	0.0	8.29	0.0	0	0	0
2005-Feb-1	20:1	0	0.0	8.29	0.0	0	0	0
2005-Feb-1	20:1	0	0.0	8.29	0.0	0	0	0
2005-Feb-1	20:1	18	1.2	8.28	0.0	0	0	0
2005-Feb-1	20:1	1991	0.0	8.29	0.2	0	0	0
2005-Feb-1	20:1	96	0.0	8.29	0.2	0	0	0
2005-Feb-1	20:1	9	0.0	8.29	0.2	0	0	0
2005-Feb-1	20:2	9	0.0	8.29	0.2	0	0	0
2005-Feb-1	20:2	311	5.7	8.28	1.6	0	0	0
2005-Feb-1	20:2	288	5.7	8.05	4.5	0	0	0
2005-Feb-1	20:2	330	5.7	8.16	7.3	0	0	0
2005-Feb-1	20:2	320	5.7	8.17	10.2	0	0	0
2005-Feb-1	20:2							
2005-Feb-1	20:2	334	5.7	8.40	12.0	0	0	0
2005-Feb-1	20:2	352	5.7	9.67	13.1	0	0	0
2005-Feb-1	20:2	352	5.7	9.82	13.1	0	0	0
2005-Feb-1	20:2							
2005-Feb-1	20:2	385	5.7	11.71	2.9	0	0	0
2005-Feb-1	20:2	380	5.7	12.53	5.7	0	0	0
2005-Feb-1	20:2	339	5.7	12.88	8.6	0	0	0
2005-Feb-1	20:2	307	5.7	13.09	11.4	0	0	0
2005-Feb-1	20:2	270	5.7	13.00	14.3	0	0	0
2005-Feb-1	20:2	224	5.7	12.71	17.1	0	0	0
2005-Feb-1	20:2	215	5.7	12.61	20.0	0	0	0
2005-Feb-1	20:2	215	5.7	12.77	22.9	0	0	0
2005-Feb-1	20:2	211	5.7	12.66	25.7	0	0	0
2005-Feb-1	20:2	110	5.7	8.33	28.6	0	0	0
2005-Feb-1	20:2							
2005-Feb-1	20:2	110	5.7	8.32	28.7	0	0	0
2005-Feb-1	20:2	105	5.9	8.31	28.8	0	0	0
2005-Feb-1	20:2							
2005-Feb-1	20:2	110	5.7	8.28	2.7	0	0	0
2005-Feb-1	20:2	211	5.7	8.96	5.5	0	0	0
2005-Feb-1	20:2	224	5.7	9.01	8.4	0	0	0
2005-Feb-1	20:2	229	5.7	9.05	11.2	0	0	0
2005-Feb-1	20:3	233	5.7	9.09	14.1	0	0	0
2005-Feb-1	20:3	233	5.7	9.11	17.0	0	0	0
2005-Feb-1	20:3	229	5.7	9.13	19.8	0	0	0
2005-Feb-1	20:3	229	5.7	9.15	22.7	0	0	0
2005-Feb-1	20:3	302	5.7	9.04	25.5	0	0	0

ORIGINAL

KCC *sa*
MAY 24 2005

CONFIDENTIAL

Start Cement Slurry

Reset Total, Vol = 13.15

End Cement Slurry
Start Displacement

Reset Total, Vol = 28.77

CONFIDENTIAL

Well **HOFFMAN 'S' #1** Field

Service Date
0541-Feb-10

Customer
OXY USA, INC.

Job Number
2205547718

Date	Time	Treating	Pressure	Flow Rate	Density	Volume	0	0
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0
2005-Feb-1	20:3	270	5.7	8.75	28.4	0	0	0
2005-Feb-1	20:3	41	0.0	8.73	29.2	0	0	0
2005-Feb-1	20:3	32	0.0	8.73	29.2	0	0	0
2005-Feb-1	20:3	32	0.0	8.73	29.2	0	0	0
2005-Feb-1	20:3	27	0.0	8.73	29.2	0	0	0
2005-Feb-1	20:3	23	0.0	8.73	29.2	0	0	0
2005-Feb-1	20:3	23	0.0	8.72	29.2	0	0	0
2005-Feb-1	20:3	23	0.0	8.72	29.2	0	0	0
2005-Feb-1	20:3	23	0.0	8.72	29.2	0	0	0
2005-Feb-1	20:3	23	0.0	8.72	29.2	0	0	0
2005-Feb-1	20:3	23	0.0	8.72	29.2	0	0	0
2005-Feb-1	20:3	23	0.0	8.72	29.2	0	0	0
2005-Feb-1	20:3	23	0.0	8.71	29.2	0	0	0
2005-Feb-1	20:3	23	0.0	8.71	29.2	0	0	0
2005-Feb-1	20:3	23	0.0	8.71	29.2	0	0	0
2005-Feb-1	20:4	23	0.0	8.71	29.2	0	0	0
2005-Feb-1	20:4	23	0.0	8.71	29.2	0	0	0
2005-Feb-1	20:4	23	0.0	8.71	29.2	0	0	0
2005-Feb-1	20:4	23	0.0	8.71	29.2	0	0	0
2005-Feb-1	20:4	23	0.0	8.71	29.2	0	0	0
2005-Feb-1	20:4	23	0.0	8.71	29.2	0	0	0
2005-Feb-1	20:4	23	0.0	8.71	29.2	0	0	0
2005-Feb-1	20:4	23	0.0	8.71	29.2	0	0	0
2005-Feb-1	21:1	18	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:1	18	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:1	18	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:1	18	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:1	18	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:1	18	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:1	18	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:1	18	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:1	18	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:1	18	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:1	18	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:1	18	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:1	18	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:1	18	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:1	18	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:1	18	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:2	14	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:2	14	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:2	14	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:2	14	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:2	14	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:2	14	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:2	14	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:2	14	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:2	14	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:2	14	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:2	14	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:2	14	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:2	14	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:2	14	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:2	14	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:2	14	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:2	18	0.0	8.31	0.0	0	0	0
2005-Feb-1	21:2	179	3.9	8.27	1.1	0	0	0
2005-Feb-1	21:2	174	3.9	8.28	3.1	0	0	0
2005-Feb-1	21:2	165	3.9	8.28	5.0	0	0	0
2005-Feb-1	21:2	165	3.9	8.28	7.0	0	0	0
2005-Feb-1	21:2	169	3.9	8.28	8.9	0	0	0

Message
0

ORIGINAL

KCC *sk*
MAY 24 2005

CONFIDENTIAL

End Displacement
Stopped Acquisition
Started Acquisition
Reset Total, Vol = 0.00

CONFIDENTIAL

ORIGINAL

Well

Field

Service Date

Customer

Job Number

HOFFMAN 'S' #1

WILDCAT

0541-Feb-10

OXY USA, INC.

2205547718

Date	Time	Treating	Pressure	Flow Rate	Density	Volume	0	0
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	0	0	0
2005-Feb-1	21:2	179	3.9	8.71	10.9	0	0	0
2005-Feb-1	21:2	201	3.9	10.85	12.9	0	0	0
2005-Feb-1	21:2	201	3.9	12.17	14.9	0	0	0
2005-Feb-1	21:2							
2005-Feb-1	21:2	201	3.9	12.33	15.1	0	0	0
2005-Feb-1	21:2	197	3.9	13.01	16.4	0	0	0
2005-Feb-1	21:2							
2005-Feb-1	21:2	192	3.9	13.27	0.5	0	0	0
2005-Feb-1	21:2	160	3.9	13.24	2.4	0	0	0
2005-Feb-1	21:2	133	3.9	12.57	4.4	0	0	0
2005-Feb-1	21:2	133	3.9	12.44	6.3	0	0	0
2005-Feb-1	21:2							
2005-Feb-1	21:2	133	3.9	9.17	7.7	0	0	0
2005-Feb-1	21:2	110	3.9	8.79	7.8	0	0	0
2005-Feb-1	21:2							
2005-Feb-1	21:2							
2005-Feb-1	21:2	92	3.9	8.57	7.9	0	0	0
2005-Feb-1	21:3	73	3.9	8.37	0.3	0	0	0
2005-Feb-1	21:3	69	3.9	8.92	2.3	0	0	0
2005-Feb-1	21:3	160	3.9	9.02	4.2	0	0	0
2005-Feb-1	21:3	169	3.9	9.08	6.2	0	0	0
2005-Feb-1	21:3	169	3.9	9.07	8.2	0	0	0
2005-Feb-1	21:3	156	3.9	9.02	10.1	0	0	0
2005-Feb-1	21:3	119	3.9	8.70	12.1	0	0	0
2005-Feb-1	21:3	87	3.9	8.63	14.0	0	0	0
2005-Feb-1	21:3	87	3.9	8.54	16.0	0	0	0
2005-Feb-1	21:3	64	3.9	8.44	17.9	0	0	0
2005-Feb-1	21:3	18	0.0	8.44	18.2	0	0	0
2005-Feb-1	21:3	18	0.0	8.44	18.2	0	0	0
2005-Feb-1	21:3	18	0.0	8.44	18.2	0	0	0
2005-Feb-1	21:3							
2005-Feb-1	22:1	14	0.0	8.29	18.2	0	0	0
2005-Feb-1	22:1	14	0.0	8.29	18.2	0	0	0
2005-Feb-1	22:1	14	0.0	8.29	18.2	0	0	0
2005-Feb-1	22:1	14	0.0	8.29	18.2	0	0	0
2005-Feb-1	22:1	14	0.0	8.29	18.2	0	0	0
2005-Feb-1	22:1	9	0.0	8.29	18.2	0	0	0
2005-Feb-1	22:1	9	0.0	8.29	18.2	0	0	0
2005-Feb-1	22:1	105	3.9	8.25	19.1	0	0	0
2005-Feb-1	22:1	124	3.9	8.25	21.0	0	0	0
2005-Feb-1	22:1	124	3.9	8.25	23.0	0	0	0
2005-Feb-1	22:1	128	3.9	8.25	25.0	0	0	0
2005-Feb-1	22:1	124	3.9	8.28	26.9	0	0	0
2005-Feb-1	22:1	124	3.9	8.28	28.6	0	0	0
2005-Feb-1	22:1	124	3.9	8.28	30.5	0	0	0
2005-Feb-1	22:2	119	3.9	8.47	32.5	0	0	0
2005-Feb-1	22:2	114	3.9	9.18	34.4	0	0	0
2005-Feb-1	22:2	128	3.9	12.14	36.4	0	0	0
2005-Feb-1	22:2							
2005-Feb-1	22:2	165	3.9	12.36	36.6	0	0	0
2005-Feb-1	22:2	146	3.9	12.55	36.8	0	0	0
2005-Feb-1	22:2							
2005-Feb-1	22:2							
2005-Feb-1	22:2	142	3.9	13.49	1.6	0	0	0

KOC Message
MAY 24 2005
CONFIDENTIAL
Start Cement Slurry

Reset Total, Vol = 16.35

End Cement Slurry

Start Displacement
Reset Total, Vol = 7.95

End Displacement

Start Cement Slurry

Reset Total, Vol = 0.00
Reset Total, Vol = 36.78

Well

HOFFMAN S #1

CONFIDENTIAL

Field

WILDCAT

Service Date

0541-Feb-10

Customer

OXY USA, INC.

ORIGINAL

Job Number

2205547718

Message

KCC *So*
MAY 24 2015

CONFIDENTIAL

Date	Time	Treating	Pressure	Flow Rate	Density	Volume	0	0
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	0	0	0
2005-Feb-1	22:2	142	3.9	13.01	3.5	0	0	0
2005-Feb-1	22:2	142	3.9	13.07	5.5	0	0	0
2005-Feb-1	22:2	142	3.9	13.13	7.4	0	0	0
2005-Feb-1	22:2	82	2.5	9.72	8.8	0	0	0
2005-Feb-1	22:2							
2005-Feb-1	22:2	87	2.5	9.35	10.1	0	0	0
2005-Feb-1	22:2							
2005-Feb-1	22:2	87	2.5	9.36	10.2	0	0	0
2005-Feb-1	22:2	37	1.0	9.36	10.3	0	0	0
2005-Feb-1	22:2							
2005-Feb-1	22:2	27	0.0	8.70	0.0	0	0	0
2005-Feb-1	22:2	18	0.0	9.21	0.0	0	0	0
2005-Feb-1	22:2	18	0.0	9.25	0.0	0	0	0
2005-Feb-1	22:2	18	0.0	9.26	0.0	0	0	0
2005-Feb-1	22:2	18	0.0	9.26	0.0	0	0	0
2005-Feb-1	22:2							
2005-Feb-1	22:2	18	0.0	9.27	0.0	0	0	0
2005-Feb-1	22:2	18	0.0	9.27	0.0	0	0	0
2005-Feb-1	22:2							
2005-Feb-1	23:0							
2005-Feb-1	23:0	9	0.0	8.90	0.0	0	0	0
2005-Feb-1	23:0	9	0.0	8.90	0.0	0	0	0
2005-Feb-1	23:0							
2005-Feb-1	23:0							
2005-Feb-1	23:0	9	0.0	8.89	0.0	0	0	0
2005-Feb-1	23:0	9	0.0	8.90	0.0	0	0	0
2005-Feb-1	23:0	9	0.0	8.90	0.0	0	0	0
2005-Feb-1	23:0	9	0.0	8.90	0.0	0	0	0
2005-Feb-1	23:0	9	0.0	8.89	0.0	0	0	0
2005-Feb-1	23:1	9	0.0	8.89	0.0	0	0	0
2005-Feb-1	23:1	9	0.0	8.89	0.0	0	0	0
2005-Feb-1	23:1	9	0.0	8.89	0.0	0	0	0
2005-Feb-1	23:1	9	0.0	8.89	0.0	0	0	0
2005-Feb-1	23:1	9	0.0	8.89	0.0	0	0	0
2005-Feb-1	23:1	9	0.0	8.89	0.0	0	0	0
2005-Feb-1	23:1	9	0.0	8.89	0.0	0	0	0
2005-Feb-1	23:1	9	0.0	8.89	0.0	0	0	0
2005-Feb-1	23:1	9	0.0	8.89	0.0	0	0	0
2005-Feb-1	23:1	9	0.0	8.89	0.0	0	0	0
2005-Feb-1	23:1	9	0.0	8.89	0.0	0	0	0
2005-Feb-1	23:1	9	0.0	8.89	0.0	0	0	0
2005-Feb-1	23:1	9	0.0	8.89	0.0	0	0	0
2005-Feb-1	23:1	9	0.0	8.88	0.0	0	0	0
2005-Feb-1	23:1	9	0.0	8.88	0.0	0	0	0
2005-Feb-1	23:1	5	0.0	8.88	0.0	0	0	0
2005-Feb-1	23:1	5	0.0	8.88	0.0	0	0	0
2005-Feb-1	23:1	5	0.0	8.88	0.0	0	0	0
2005-Feb-1	23:1	5	0.0	8.88	0.0	0	0	0
2005-Feb-1	23:2	5	0.0	8.88	0.0	0	0	0
2005-Feb-1	23:2	5	0.0	8.87	0.0	0	0	0
2005-Feb-1	23:2	5	0.0	8.87	0.0	0	0	0
2005-Feb-1	23:2	5	0.0	8.87	0.0	0	0	0
2005-Feb-1	23:2	5	0.0	8.87	0.0	0	0	0

End Cement Slurry

Start Displacement

Reset Total, Vol = 10.29

End Displacement

Stopped Acquisition
Started Acquisition

End Spacer
Start Cement Slurry

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Well HOFFMAN 'S' #1 Field WILDCAT Service Date 0541-Feb-10 Customer OXY USA, INC.

Job Number 220554778

Date	Time	Treating	Pressure	Flow Rate	Density	Volume	0	0
24 hr clock	psi	bbf/min	lb/gal	bbf	0	0	0	0
2005-Feb-1	23:2	5	0.0	8.87	0.0	0	0	0
2005-Feb-1	23:2	5	0.0	8.87	0.0	0	0	0
2005-Feb-1	23:2	5	0.0	8.87	0.0	0	0	0
2005-Feb-1	23:2	5	0.0	8.87	0.0	0	0	0
2005-Feb-1	23:2	5	0.0	8.87	0.0	0	0	0
2005-Feb-1	23:2	5	0.0	8.87	0.0	0	0	0
2005-Feb-1	23:2	5	0.0	8.87	0.0	0	0	0
2005-Feb-1	23:2	5	0.0	8.87	0.0	0	0	0
2005-Feb-1	23:2	5	0.0	8.87	0.0	0	0	0
2005-Feb-1	23:2	5	0.0	8.87	0.0	0	0	0
2005-Feb-1	23:2	5	0.0	8.87	0.0	0	0	0
2005-Feb-1	23:2	5	0.0	8.87	0.0	0	0	0
2005-Feb-1	23:2	5	0.0	8.87	0.0	0	0	0
2005-Feb-1	23:2	5	0.0	8.47	0.0	0	0	0
2005-Feb-1	23:3	9	0.0	8.39	0.0	0	0	0
2005-Feb-1	23:3	9	0.0	8.36	0.0	0	0	0
2005-Feb-1	23:3	5	0.0	10.58	0.0	0	0	0
2005-Feb-1	23:3	5	0.0	13.19	0.0	0	0	0
2005-Feb-1	23:3	46	0.0	13.14	0.0	0	0	0
2005-Feb-1	23:3	151	0.0	13.13	0.0	0	0	0
2005-Feb-1	23:3	50	0.0	13.08	0.0	0	0	0
2005-Feb-1	23:3	32	0.0	13.12	0.0	0	0	0
2005-Feb-1	23:3	23	0.0	13.17	0.0	0	0	0
2005-Feb-1	23:3	18	0.0	9.54	0.0	0	0	0
2005-Feb-1	23:3	18	0.0	10.60	0.0	0	0	0
2005-Feb-1	23:3	14	0.0	12.92	0.0	0	0	0
2005-Feb-1	23:3	14	0.0	13.14	0.0	0	0	0
2005-Feb-1	23:3	9	0.0	13.14	0.0	0	0	0
2005-Feb-1	23:3	9	0.0	13.14	0.0	0	0	0
2005-Feb-1	23:3	73	1.0	12.82	0.2	0	0	0
2005-Feb-1	23:3	73	1.7	11.26	1.0	0	0	0
2005-Feb-1	23:3	128	1.7	10.59	1.9	0	0	0
2005-Feb-1	23:3	114	1.7	11.03	2.7	0	0	0
2005-Feb-1	23:3	114	1.7	12.78	3.6	0	0	0
2005-Feb-1	23:4	119	1.7	13.57	4.4	0	0	0
2005-Feb-1	23:4	87	1.7	13.53	5.2	0	0	0
2005-Feb-1	23:4							
2005-Feb-1	23:4	18	0.0	8.31	5.9	0	0	0
2005-Feb-1	23:4	18	0.0	8.31	5.9	0	0	0
2005-Feb-1	23:4							
2005-Feb-1	23:4	18	0.0	8.31	5.9	0	0	0

Message

KCC MAY 24 2005 CONFIDENTIAL

End Cement Slurry

End Job

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Well

HOFFMAN 'S' #1

Field

WILDCAT

Service Date

0541-Feb-10

Customer

OXY USA, INC.

Job Number

2205547718

Date

Time

Treating

Pressure

Flow Rate

Density

Volume

0

0

0

Message

24 hr
clock

psi

bbbl/min

lb/gal

bbbl

0

0

ORIGINAL

Post Job Summary

Slurry	Average Pump Rates, N2	bpm	Volume of Fluid Mud	bbbl	N2
5	0	0	53	30	
Maximum	Treating Pressure Summary, psi	Maximum Rate	Breakdown Fluid Volume	Density	
Final	Average	Bump Plug to	Breakdown		
1000	200				
Avg. N2 Percent Volume	Designed Slurry bbbl	Volume	Displacement	Mix Water Temp	bbbl
%	67 bbl	65 bbl	°F	Washed Thru Perfs	To
Customer or Authorized Representative	Fillpot, Greg	Schlumberger Supervisor	Gonzales, Paul	CirculationLost	Job Completed

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Service Order

2005-May-25

Customer OXY USA, INC. Well Name and Number HOFFMAN `S` 1 Well Master:	Person Taking Call Pathak, Rakesh Legal Location Sec API / UWI:	Dowell Location Perryton, TX County Haskell	OrderDate 2005-Feb-10	Job Number 2205547718 State/Province Kansas
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Rig Name CHEYENNE 1 Time Well Ready:	Well Age New	Sales Engineer Cambern, Charles	Job Type Plug & Abandon
Deviation	Bit Size 7.87 in	Well MD 5,675 ft	Well TVD 5,675 ft
Treat Down	Packer Type	Packer Depth	WellHead Connection
Drill Pipe	ft	4 1/2 X-HOLE	HHP on Location
			Max Allowed Pressure
			1000

Depth, Depth, 1920	ft Size, 8.63	in Weight, 24	lb/ft 1920
------------------------------	-------------------------	-------------------------	----------------------

Depth, 3050	Size, in 4.5	Weight, lb/ft 16.6	Grade XH	Thread XH
-----------------------	------------------------	------------------------------	--------------------	---------------------

Services Instructions:
 Thread PLUG TO ABANDON WITH 240 SX 40/60 POZ H :
 100 SX @ 3050'
 50 SX @ 1900'
 50 SX @ 700'
 10 SX @ SURFACE
 15 SX for Rat hole @ 10 sks for Mouse Hole

Extra Equipment:
 1 CemCAT
 1 PUMP
 1 ABT

Perforated Intervals

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

Expected On Location:

Ready To Pump:

Contact
Greg Fillpot

Voice

Mobile
1 620 353 8669

FAX

Notes
OFFICE 1 620 629 4247

Notes:
TAKE 4 1/2 XH DRILL PIN.

Directions:
 From Perryton, Tx. North on Hwy 83 to Sublette KS, continue North on Hwy 83 for 14 mi. to Hitch Feeders Rd., T/L, 20 mi West on Hitch Feeders Rd, T/R, 2 mi North, T/R, 3/4 mi East, T/R, South into location.

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

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Comments:

Fluid Systems:

CEMENT

240 SX 40/60 POZ H + 6%D20 + 0.2%D46

Density:	13.2 lb/gal	Thickening Time:	
Yield:	1.69 ft ³ /sk		
H2O Mix:	8.78 gal/sk		
H2O:	2107.2 gal	Eq. Sack Weight:	88 lb
		Total Blend:	240 sacks

Dowell Code	Conc/ Amount	Total Quantity
D046	0.176 lbs/sk	42.24
D020	5.28 lbs/sk	1267.2
D132	31.6 lbs/sk	7584
CLASS H	56.4 lbs/sk	13536