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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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AUG 04 2005

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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: Pending
 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 SLOW 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. _____
04/11/05 04/14/05 05/12/05
 Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 129-21750-0000
 County: Morton
 _____ - _____ - C - SW Sec 36 Twp. 32 S. R. 43W
 _____ 1348 feet from (S) N (circle one) Line of Section
 _____ 1370 feet from E (W) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW (SW)
 Lease Name: Smith R Well #: 3
 Field Name: Mustang Kansas City
 Producing Formation: Lansing
 Elevation: Ground: 3563 Kelly Bushing: 3569
 Total Depth: 3950 Plug Back Total Depth: 3650
 Amount of Surface Pipe Set and Cemented at 1331 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 WITH
(Data must be collected from the Reserve Pit) 4-23-07
 Chloride content 1000 mg/l ppm Fluid volume 1100 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.

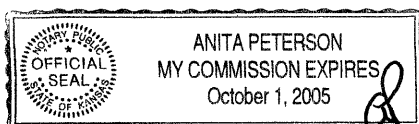
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Vicki Carder
 Title: Capital Project Date August 3, 2005
 Subscribed and sworn to before me this 3rd day of Aug
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



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Side Three

ORIGINAL

Operator Name: OXY USA Inc. Lease Name: Smith R Well #: 3

Sec. 36 Twp. 32 S. R. 43W East West County: Morton

Datum 3569 KB

Formation Name	Top	Datum
CHSE GRP	1990.70	1578.30
WINF	2061.26	1507.74
FTRLY	2188.81	1380.19
FLRNC	2214.42	1354.58
MATFIELD	2232.72	1336.28
A1 LM	2309.04	1259.96
B5 LM	2436.58	1132.42
C LM	2476.31	1092.69
D SH	2501.93	1067.07
E LM	2567.79	1001.21
F LM	2608.04	960.96
G SH	2636.79	932.21
WBNS GRP	2667.11	901.89
STOTLER	2810.86	758.14
BREDSH	2892.93	676.07
SEVERY	2945.20	623.80
SHWN GRP	2957.22	611.78
TPKA	2957.75	611.25
HBNR SH	3232.70	336.30
F/LNSG	3292.29	276.71
LANS GRP	3320.52	248.48
IOLA	3384.29	184.71
MNCRK	3406.25	162.75
DENNIS	3685.39	-116.39
STRK SH	3707.87	-138.87
SWOPE	3726.68	-157.68
HUSH SH	3749.16	-180.16
HERTHA	3774.25	-205.25
3D HSHALE	3792.02	-223.02
EXLINE	3864.16	-295.16
PLSNT SH	3907.03	-338.03

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Customer OXY USA, INC.	Job Number 2205547999
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Well SMITH R 3	Location (legal) Sec 36-T32S-R43W	Wellhead Location Perryton, TX	Job Start 2005-Apr-15
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Field GREENWOOD	Formation Name/Type	Deviation	Bit Size 7.88 in	Well MD 3,950 ft	Well TVD 3,950 ft
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County MORTON	State/Province KANSAS	BHP psi	BHST 120 °F	BHCT °F	Pore Press. Gradient psi/ft
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Well Master: 0630678934	API / UWI: 15129217500000	Casing/Liner					
Rig Name CHEYENNE 8	Drilled For Gas	Service Via Land	Depth, ft 3943	Size, in 4.5	Weight, lb/ft 10.5	Grade	Thread

Offshore Zone	Well Class New	Well Type Development	Tubing/Drill Pipe			
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Drilling Fluid Type Bentonite	Max. Density 9.2 lb/gal	Plastic Vi: cp 33	Depth,	Size, in	Weight, lb/ft	Grade	Thread
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Service Line Cementing	Job Type Cem Prod Casing	Perforations/Open Hole					
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Max. Allowed Tubing Pressure 2500 psi	Max. Allowed Ann. Pressure psi	Wellhead Connection 4 1/2 HSM	Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft
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Service Instructions CEMENT 4½" CASING WITH: 20 BBLs CW100 275 SKS 50/50 Poz:H+2%D20+3%M117+ 5 PPS D42+5 PPS D53+0.6 %D112+ 0.25 %D65 + 0.25%D46 DISPLACE W/FRESH WATER							
Treat Down Casing	Displacement 62 bbl	Packer Type	Packer Depth ft				
Tubing Vol. bbl	Casing Vol. 63 bbl	Annular Vol. 160 bbl	Open Hole Vol 223 bbl				

Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>	Casing Tools		Squeeze Job	
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Lift Pressure: 620 psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input checked="" type="checkbox"/>	Shoe Type: Auto-Fill	Squeeze Type		
No. Centralizers:	Top Plugs: 1	Bottom Plugs: 1	Shoe Depth: 3899.8 ft	Tool Type:		

Cement Head Type: Single	Stage Tool Type:	Tool Depth: ft
Job Scheduled For: 2005-Apr-15 18:00	Arrived on Location:	Leave Location:
Stage Tool Depth: ft	Tail Pipe Size: in	

Collar Type:	Tail Pipe Depth: ft
Collar Depth: ft	Sqz Total Vol: bbl

Date	Time	Density	Rate	Volume	CMT TREAT PRES	0	0	0	Message
	24 hr clock	lb/gal	bbl/min	bbl	psi	0	0	0	
2005-Apr-15	19:03	8.32	0.0	0.0	-5	0	0	0	
2005-Apr-15	19:03	8.32	0.0	0.0	-5	0	0	0	
2005-Apr-15	19:03								Start Job
2005-Apr-15	19:03	8.32	0.0	0.0	-5	0	0	0	
2005-Apr-15	19:03								Pressure Test Lines
2005-Apr-15	19:03								Start Pumping Wash
2005-Apr-15	19:03	8.32	0.0	0.0	0	0	0	0	
2005-Apr-15	19:04	8.31	0.0	0.0	0	0	0	0	
2005-Apr-15	19:05	8.31	0.0	0.0	14	0	0	0	
2005-Apr-15	19:05	8.33	0.0	0.2	2454	0	0	0	
2005-Apr-15	19:06	8.33	0.0	0.2	2266	0	0	0	
2005-Apr-15	19:07	8.33	0.0	0.2	14	0	0	0	
2005-Apr-15	19:07	8.33	0.4	0.2	18	0	0	0	
2005-Apr-15	19:08	8.35	0.0	1.0	41	0	0	0	
2005-Apr-15	19:09	8.35	1.8	1.7	73	0	0	0	
2005-Apr-15	19:09	8.35	1.8	3.0	64	0	0	0	
2005-Apr-15	19:10	8.35	1.8	4.2	87	0	0	0	
2005-Apr-15	19:11	8.35	2.4	5.4	105	0	0	0	
2005-Apr-15	19:11	8.35	3.7	7.4	165	0	0	0	
2005-Apr-15	19:12	8.35	0.0	7.8	0	0	0	0	
2005-Apr-15	19:13	8.35	0.0	7.8	-5	0	0	0	
2005-Apr-15	19:13	8.36	3.1	8.7	137	0	0	0	

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Well		Field			Service Date		Customer		Job Number
SMITH R #3		GREENWOOD			05105-Apr-15		OXY USA, INC.		2205547999
Date	Time	Density	Rate	Volume	CMT TREAT PRES	0	0	0	Message
	24 hr clock	lb/gal	bbf/min	bbf	psi	0	0	0	
2005-Apr-15	19:14	8.36	3.7	11.2	165	0	0	0	KCC AUG 04 2005 CONFIDENTIAL
2005-Apr-15	19:15	8.36	3.8	13.6	165	0	0	0	
2005-Apr-15	19:15	8.36	0.0	14.6	-5	0	0	0	
2005-Apr-15	19:16	8.36	0.0	14.6	-5	0	0	0	
2005-Apr-15	19:17	8.36	0.0	14.6	-5	0	0	0	
2005-Apr-15	19:17	8.36	0.0	14.6	-5	0	0	0	
2005-Apr-15	19:18	8.36	0.0	14.6	-5	0	0	0	
2005-Apr-15	19:19	8.36	0.0	14.6	-5	0	0	0	
2005-Apr-15	19:19	8.35	0.0	14.6	-5	0	0	0	
2005-Apr-15	19:20	8.35	0.0	14.6	-5	0	0	0	
2005-Apr-15	19:21	8.35	0.0	14.6	0	0	0	0	
2005-Apr-15	19:21	8.35	0.0	14.6	-5	0	0	0	
2005-Apr-15	19:22	8.34	0.0	14.6	-5	0	0	0	
2005-Apr-15	19:23	8.34	0.0	14.6	-9	0	0	0	
2005-Apr-15	19:23	8.34	0.0	14.6	-5	0	0	0	
2005-Apr-15	19:24	8.34	0.0	14.6	-5	0	0	0	
2005-Apr-15	19:25	8.34	0.0	14.6	0	0	0	0	
2005-Apr-15	19:25	8.34	0.0	14.6	-5	0	0	0	
2005-Apr-15	19:26	8.35	2.6	14.8	160	0	0	0	
2005-Apr-15	19:27	8.35	4.9	17.7	288	0	0	0	
2005-Apr-15	19:27	8.38	5.0	21.0	224	0	0	0	
2005-Apr-15	19:28	8.38	4.9	24.3	279	0	0	0	
2005-Apr-15	19:28	8.86	5.0	26.8	261	0	0	0	
2005-Apr-15	19:28								End Wash
2005-Apr-15	19:28								Reset Total, Vol = 26.89 bbl
2005-Apr-15	19:28	8.87	5.0	26.9	270	0	0	0	
2005-Apr-15	19:28	8.92	5.0	0.3	256	0	0	0	
2005-Apr-15	19:28								Start Cement Slurry
2005-Apr-15	19:29	9.02	4.9	0.8	215	0	0	0	
2005-Apr-15	19:29	10.33	4.3	3.7	224	0	0	0	
2005-Apr-15	19:30	11.34	6.0	7.0	485	0	0	0	
2005-Apr-15	19:31	12.45	6.1	11.0	352	0	0	0	
2005-Apr-15	19:31	13.62	5.3	14.6	293	0	0	0	
2005-Apr-15	19:32	14.14	5.2	18.1	275	0	0	0	
2005-Apr-15	19:33	14.20	5.6	21.8	256	0	0	0	
2005-Apr-15	19:33	14.05	5.3	25.6	183	0	0	0	
2005-Apr-15	19:34	14.14	5.3	29.1	211	0	0	0	
2005-Apr-15	19:35	13.84	5.9	32.8	229	0	0	0	
2005-Apr-15	19:35	13.75	5.9	36.7	224	0	0	0	
2005-Apr-15	19:36	13.72	5.9	40.7	215	0	0	0	
2005-Apr-15	19:37	13.79	5.9	44.6	220	0	0	0	
2005-Apr-15	19:37	13.91	5.9	48.5	233	0	0	0	
2005-Apr-15	19:38	13.92	6.0	52.4	233	0	0	0	
2005-Apr-15	19:39	13.92	5.9	56.4	238	0	0	0	
2005-Apr-15	19:39	13.88	6.0	60.4	247	0	0	0	
2005-Apr-15	19:40	13.86	5.2	64.3	188	0	0	0	
2005-Apr-15	19:41	13.98	5.5	67.9	192	0	0	0	
2005-Apr-15	19:41	13.98	5.5	71.5	211	0	0	0	
2005-Apr-15	19:42	13.99	5.4	75.2	211	0	0	0	
2005-Apr-15	19:43	14.83	3.4	77.6	128	0	0	0	
2005-Apr-15	19:43	14.83	3.4	79.9	128	0	0	0	
2005-Apr-15	19:44	11.28	0.0	80.9	-9	0	0	0	
2005-Apr-15	19:45	10.64	0.0	80.9	-9	0	0	0	
2005-Apr-15	19:45	10.18	0.0	80.9	-9	0	0	0	

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Well		Field			Service Date		Customer		Job Number	
SMITH R #3		GREENWOOD			05105-Apr-15		OXY USA, INC.		2205547999	
Date	Time	Density	Rate	Volume	CMT TREAT PRES	0	0	0	Message	
	24 hr clock	lb/gal	bbl/min	bbl	psi	0	0	0	KCC	
2005-Apr-15	19:46	9.95	0.0	80.9	-9	0	0	0	AUG 0 4 2005	
2005-Apr-15	19:47	9.75	0.0	80.9	0	0	0	0	CONFIDENTIAL	
2005-Apr-15	19:47	9.25	0.0	80.9	46	0	0	0		
2005-Apr-15	19:48	9.23	3.8	81.1	64	0	0	0		
2005-Apr-15	19:48								End Cement Slurry	
2005-Apr-15	19:48								Reset Total, Vol = 77 bbl	
2005-Apr-15	19:48	9.23	4.3	81.3	78	0	0	0		
2005-Apr-15	19:48								Drop Top Plug	
2005-Apr-15	19:48	9.23	4.3	0.2	105	0	0	0		
2005-Apr-15	19:48	9.19	3.9	0.7	101	0	0	0		
2005-Apr-15	19:49								Start Displacement	
2005-Apr-15	19:49	8.80	3.9	3.0	96	0	0	0		
2005-Apr-15	19:49								Reset Total, Vol = 3.03 bbl	
2005-Apr-15	19:49	8.79	3.9	3.0	82	0	0	0		
2005-Apr-15	19:49	8.78	3.9	0.0	82	0	0	0		
2005-Apr-15	19:49	8.41	3.9	0.0	82	0	0	0		
2005-Apr-15	19:50	8.40	5.1	0.0	183	0	0	0		
2005-Apr-15	19:51	8.20	5.1	0.0	133	0	0	0		
2005-Apr-15	19:51	8.35	0.0	0.0	0	0	0	0		
2005-Apr-15	19:52	8.35	0.0	0.0	0	0	0	0		
2005-Apr-15	19:53	8.36	3.0	1.0	50	0	0	0		
2005-Apr-15	19:53	8.36	5.0	3.8	50	0	0	0		
2005-Apr-15	19:54	8.36	5.0	7.3	50	0	0	0		
2005-Apr-15	19:55	8.36	5.0	10.6	50	0	0	0		
2005-Apr-15	19:55	8.36	5.0	13.9	50	0	0	0		
2005-Apr-15	19:56	8.36	5.1	17.3	55	0	0	0		
2005-Apr-15	19:57	8.36	5.0	20.7	50	0	0	0		
2005-Apr-15	19:57	8.36	5.1	24.1	50	0	0	0		
2005-Apr-15	19:58	8.36	5.1	27.5	50	0	0	0		
2005-Apr-15	19:59	8.36	5.9	31.1	142	0	0	0		
2005-Apr-15	19:59	8.36	6.0	35.1	192	0	0	0		
2005-Apr-15	20:00	8.36	6.1	39.1	284	0	0	0		
2005-Apr-15	20:01	8.36	6.0	43.1	385	0	0	0		
2005-Apr-15	20:01	8.36	6.1	47.1	467	0	0	0		
2005-Apr-15	20:02	8.36	6.1	51.2	572	0	0	0		
2005-Apr-15	20:03	8.36	2.5	53.5	485	0	0	0		
2005-Apr-15	20:03	8.36	2.4	55.1	517	0	0	0		
2005-Apr-15	20:04	8.36	2.5	56.8	563	0	0	0		
2005-Apr-15	20:05	8.36	2.5	58.4	595	0	0	0		
2005-Apr-15	20:05	8.36	2.4	60.1	636	0	0	0		
2005-Apr-15	20:06	8.36	0.0	60.6	1048	0	0	0		
2005-Apr-15	20:07	8.36	0.0	60.6	-5	0	0	0		
2005-Apr-15	20:07	8.36	0.0	60.6	-9	0	0	0		
2005-Apr-15	20:07								End Displacement	
2005-Apr-15	20:07	8.36	0.0	60.6	-5	0	0	0		
2005-Apr-15	20:07								Bump Top Plug	
2005-Apr-15	20:07	8.36	0.0	60.6	-9	0	0	0		
2005-Apr-15	20:07								Reset Total, Vol = 60.63 bbl	
2005-Apr-15	20:07	8.36	0.0	0.0	-9	0	0	0		
2005-Apr-15	20:07								End Job	
2005-Apr-15	20:07	8.36	0.0	0.0	-9	0	0	0		
2005-Apr-15	20:08	-6.25	0.0	0.0	-3845	0	0	0		

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Well SMITH R #3		Field GREENWOOD		Service Date 05105-Apr-15		Customer OXY USA, INC.		Job Number 2205547999	
Date	Time 24 hr clock	Density lb/gal	Rate bbl/min	Volume bbl	CMT TREAT PRES psi	0	0	0	Message
						0	0	0	
Post Job Summary									
Average Pump Rates, bpm				Volume of Fluid Injected, bbl					
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
5.5			6	76	0	20			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
2500		230	1050			8.34 lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input type="checkbox"/> Cement Circulated to Surface? Volume bbl <input type="checkbox"/> Washed Thru Perfs To ft					
%	76 bbl	60.6 bbl	°F						
Customer or Authorized Representative Wylie, Cal			Schlumberger Supervisor Tan, Naveen			<input type="checkbox"/> CirculationLost <input checked="" type="checkbox"/> Job Completed			

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Customer: OXY USA, INC. Job Number: 2205547948
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Well: SMITH R 3		Location (legal): Sec 36-T32S-R43W		Schlumberger Location: Perryton, TX		Job Start: 2005-Apr-13	
Field: GREENWOOD		Formation Name/Type:		Deviation: °		Well MD: 1,400 ft	
County: MORTON		State/Province: KANSAS		BHP: psi		Well TVD: 1,400 ft	
Well Master: 0630678934		API / UWI: 15129217500000		BHST: 101 °F		BHCT: 89 °F	
Rig Name: CHEYENNE 8		Drilled For: Gas		Service Via: Land		Casing/Liner	
Offshore Zone:		Well Class: New		Well Type: Development		Depth, ft: 1400	
Drilling Fluid Type:		Max. Density: lb/gal		Plastic Viscosity: cp		Size, in: 8.63	
Service Line: Cementing		Job Type: Cem Surface Casing		Weight, lb/ft: 24		Grade: 8RD	
Max. Allowed Tubing Pressure: 1000 psi		Max. Allowed Ann. Pressure: psi		Wellhead Connection: 8 5/8" H&SM		Thread: 8RD	
Service Instructions: CEMENT 8 5/8" SURFACE CASING WITH: 10 BBL FRESH WATER 420 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		Perforations/Open Hole		Top, ft		Bottom, ft	
		Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>		Casing Tools	
Lift Pressure: 430 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Guide	
No. Centralizers: 5		Top Plugs: 1		Bottom Plugs:		Shoe Depth: 1331.41 ft	
Cement Head Type: Single		Job Scheduled For: 2005-Apr-13 2:00		Arrived on Location: 2005-Apr-13 2:00		Leave Location: 2005-Apr-13 6:15	
						Stage Tool Type:	
						Stage Tool Depth: ft	
						Collar Type: Auto-Fill	
						Collar Depth: 1289.05 ft	
						Squeeze Job	
						Squeeze Type:	
						Toof Type:	
						Toof Depth: ft	
						Tail Pipe Size: in	
						Tail Pipe Depth: ft	
						Sqz Total Vol: bbl	

Date	Time	Treating Pressure	Flow Rate	Density	Volume	CMT AN PRES	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	psi	0	0	
2005-Apr-13	4:27	0	0.0	8.32	0.0	0	0	0	
2005-Apr-13	4:27								Start Job
2005-Apr-13	4:27	0	0.0	8.32	0.0	0	0	0	
2005-Apr-13	4:27								Pressure Test Lines
2005-Apr-13	4:27	0	0.0	8.32	0.0	0	0	0	
2005-Apr-13	4:27								Start Pumping Spacer
2005-Apr-13	4:27	0	0.0	8.32	0.0	0	0	0	
2005-Apr-13	4:28	0	0.0	8.31	0.0	0	0	0	
2005-Apr-13	4:28	0	0.0	8.31	0.0	0	0	0	
2005-Apr-13	4:29	0	0.0	8.32	0.0	0	0	0	
2005-Apr-13	4:29	114	1.5	8.31	0.3	0	0	0	
2005-Apr-13	4:30	1808	0.0	8.32	0.3	0	0	0	
2005-Apr-13	4:30	9	0.0	8.32	0.3	0	0	0	
2005-Apr-13	4:31	5	0.0	8.32	0.3	0	0	0	
2005-Apr-13	4:31	50	1.7	8.31	0.6	0	0	0	
2005-Apr-13	4:32	69	1.9	8.28	1.5	0	0	0	
2005-Apr-13	4:32	197	5.7	7.97	3.7	0	0	0	
2005-Apr-13	4:33	197	5.7	8.09	6.6	0	0	0	
2005-Apr-13	4:33	197	5.7	8.15	9.5	0	0	0	
2005-Apr-13	4:34								End Spacer
2005-Apr-13	4:34	197	5.7	8.19	11.4	0	0	0	
2005-Apr-13	4:34	192	5.7	8.20	11.6	0	0	0	

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Well		Field			Service Date		Customer		Job Number
SMITH R #3		GREENWOOD			05103-Apr-13		OXY USA, INC.		2205547948
Date	Time	Treating Pressure	Flow Rate	Density	Volume	CMT AN PRES	0	0	Message
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	psi	0	0	
2005-Apr-13	4:34								Start Mixing Lead Slurry
2005-Apr-13	4:34	192	5.7	8.20	12.3	0	0	0	
2005-Apr-13	4:34								Reset Total, Vol = 12.90 bbl
2005-Apr-13	4:34	192	5.7	8.36	12.9	0	0	0	
2005-Apr-13	4:34	206	5.7	9.73	2.3	0	0	0	
2005-Apr-13	4:35	224	5.7	10.44	5.1	0	0	0	
2005-Apr-13	4:35	247	5.7	11.60	8.0	0	0	0	
2005-Apr-13	4:36	233	5.7	11.47	10.9	0	0	0	
2005-Apr-13	4:36	233	5.7	11.81	13.7	0	0	0	
2005-Apr-13	4:37	252	5.7	12.40	16.6	0	0	0	
2005-Apr-13	4:37	229	5.7	12.00	19.4	0	0	0	
2005-Apr-13	4:38	215	5.7	11.82	22.3	0	0	0	
2005-Apr-13	4:38	206	5.7	11.85	25.2	0	0	0	
2005-Apr-13	4:39	211	5.7	12.17	28.0	0	0	0	
2005-Apr-13	4:39	215	5.7	12.25	30.9	0	0	0	
2005-Apr-13	4:40	215	5.7	12.37	33.7	0	0	0	
2005-Apr-13	4:40	206	5.7	12.40	36.6	0	0	0	
2005-Apr-13	4:41	197	5.7	12.44	39.4	0	0	0	
2005-Apr-13	4:41	201	5.7	12.43	42.3	0	0	0	
2005-Apr-13	4:42	197	5.7	12.44	45.2	0	0	0	
2005-Apr-13	4:42	201	5.7	12.46	48.0	0	0	0	
2005-Apr-13	4:43	201	5.7	12.41	50.9	0	0	0	
2005-Apr-13	4:43	192	5.7	12.30	53.7	0	0	0	
2005-Apr-13	4:44	169	5.7	11.64	56.6	0	0	0	
2005-Apr-13	4:44	192	5.7	12.35	59.5	0	0	0	
2005-Apr-13	4:45	197	5.7	12.41	62.4	0	0	0	
2005-Apr-13	4:45	192	5.7	12.33	65.3	0	0	0	
2005-Apr-13	4:46	197	5.7	12.24	68.1	0	0	0	
2005-Apr-13	4:46	201	5.7	12.19	71.0	0	0	0	
2005-Apr-13	4:47	201	5.7	12.19	73.8	0	0	0	
2005-Apr-13	4:47	197	5.7	12.17	76.7	0	0	0	
2005-Apr-13	4:48	197	5.7	12.29	79.5	0	0	0	
2005-Apr-13	4:48	197	5.7	12.34	82.4	0	0	0	
2005-Apr-13	4:49	201	5.7	12.29	85.3	0	0	0	
2005-Apr-13	4:49	188	5.7	12.27	88.1	0	0	0	
2005-Apr-13	4:50	192	5.7	12.34	91.0	0	0	0	
2005-Apr-13	4:50	192	5.7	12.30	93.8	0	0	0	
2005-Apr-13	4:51	188	5.7	12.21	96.7	0	0	0	
2005-Apr-13	4:51	192	5.7	12.32	99.5	0	0	0	
2005-Apr-13	4:52	183	5.7	12.19	102.4	0	0	0	
2005-Apr-13	4:52	188	5.7	12.16	105.3	0	0	0	
2005-Apr-13	4:53	179	5.7	12.13	108.1	0	0	0	
2005-Apr-13	4:53	169	5.7	11.55	111.0	0	0	0	
2005-Apr-13	4:54	156	5.7	11.36	113.8	0	0	0	
2005-Apr-13	4:54	174	5.7	11.75	116.7	0	0	0	
2005-Apr-13	4:55	188	5.7	12.17	119.5	0	0	0	
2005-Apr-13	4:55	188	5.7	11.85	122.4	0	0	0	
2005-Apr-13	4:56	169	5.7	11.35	125.4	0	0	0	
2005-Apr-13	4:56	160	5.7	11.60	128.2	0	0	0	
2005-Apr-13	4:57	174	5.7	11.62	131.1	0	0	0	
2005-Apr-13	4:57	197	5.7	12.43	133.9	0	0	0	
2005-Apr-13	4:58	206	5.7	12.41	136.8	0	0	0	
2005-Apr-13	4:58	206	5.7	12.80	139.6	0	0	0	
2005-Apr-13	4:59	206	5.7	12.47	142.5	0	0	0	

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Well		Field			Service Date		Customer		Job Number	
SMITH R #3		GREENWOOD			05103-Apr-13		OXY USA, INC.		2205547948	
Date	Time	Treating Pressure	Flow Rate	Density	Volume	CMT AN PRES	0	0	Message	
	24 hr clock	psi	bbl/min	lb/gal	bbl	psi	0	0		
2005-Apr-13	4:59	220	5.7	12.94	145.4	0	0	0	KCC AUG 04 2005 CONFIDENTIAL	
2005-Apr-13	5:00	229	5.7	13.06	148.2	0	0	0		
2005-Apr-13	5:00	179	5.7	11.69	151.1	0	0	0		
2005-Apr-13	5:01	197	5.7	12.36	153.9	0	0	0		
2005-Apr-13	5:01	201	5.7	12.41	156.8	0	0	0		
2005-Apr-13	5:02	197	5.7	12.39	159.6	0	0	0		
2005-Apr-13	5:02	192	5.7	12.31	162.5	0	0	0		
2005-Apr-13	5:03									Start Mixing Tail Slurry
2005-Apr-13	5:03	179	5.7	12.14	163.1	0	0	0		
2005-Apr-13	5:03	174	5.7	12.11	163.2	0	0	0		
2005-Apr-13	5:03								End Lead Slurry	
2005-Apr-13	5:03								Reset Total, Vol = 164.41 bbl	
2005-Apr-13	5:03	156	5.7	12.21	164.4	0	0	0		
2005-Apr-13	5:03	179	5.7	12.94	1.0	0	0	0		
2005-Apr-13	5:03	256	5.7	13.98	3.8	0	0	0		
2005-Apr-13	5:04	266	5.7	14.21	6.7	0	0	0		
2005-Apr-13	5:04	160	3.9	13.41	9.2	0	0	0		
2005-Apr-13	5:05	156	3.9	13.77	11.2	0	0	0		
2005-Apr-13	5:05	174	3.9	14.68	13.1	0	0	0		
2005-Apr-13	5:06	288	5.7	14.87	15.8	0	0	0		
2005-Apr-13	5:06	174	3.9	14.36	18.5	0	0	0		
2005-Apr-13	5:07	156	3.9	14.14	20.5	0	0	0		
2005-Apr-13	5:07	169	3.9	14.81	22.5	0	0	0		
2005-Apr-13	5:08	316	5.7	15.36	25.1	0	0	0		
2005-Apr-13	5:08	275	5.7	14.61	28.0	0	0	0		
2005-Apr-13	5:09	169	3.9	14.85	30.0	0	0	0		
2005-Apr-13	5:09	179	3.9	15.11	32.0	0	0	0		
2005-Apr-13	5:10	179	3.9	15.17	34.0	0	0	0		
2005-Apr-13	5:10	275	5.7	14.93	36.4	0	0	0		
2005-Apr-13	5:11	261	5.7	14.65	39.3	0	0	0		
2005-Apr-13	5:11	151	3.9	13.24	41.7	0	0	0		
2005-Apr-13	5:12	119	2.5	12.56	43.1	0	0	0		
2005-Apr-13	5:12	41	0.0	12.42	43.7	0	0	0		
2005-Apr-13	5:13	32	0.0	12.51	43.7	0	0	0		
2005-Apr-13	5:13	32	0.0	12.53	43.7	0	0	0		
2005-Apr-13	5:14	32	0.0	12.61	43.7	0	0	0		
2005-Apr-13	5:14	32	0.0	12.67	43.7	0	0	0		
2005-Apr-13	5:15	32	0.0	12.69	43.7	0	0	0		
2005-Apr-13	5:15	32	0.0	12.71	43.7	0	0	0		
2005-Apr-13	5:16	32	0.0	12.71	43.7	0	0	0		
2005-Apr-13	5:16	32	0.0	12.71	43.7	0	0	0		
2005-Apr-13	5:17	32	0.0	12.71	43.7	0	0	0		
2005-Apr-13	5:17	27	0.0	12.71	43.7	0	0	0		
2005-Apr-13	5:18	27	0.0	12.71	43.7	0	0	0		
2005-Apr-13	5:18	27	0.0	12.71	43.7	0	0	0		
2005-Apr-13	5:19								End Tail Slurry	
2005-Apr-13	5:19	32	0.0	12.71	43.7	0	0	0		
2005-Apr-13	5:19	32	0.0	12.71	43.7	0	0	0		
2005-Apr-13	5:19								Drop Top Plug	
2005-Apr-13	5:19								Start Displacement	
2005-Apr-13	5:19	32	0.0	12.71	43.7	0	0	0		
2005-Apr-13	5:19	32	0.0	12.71	43.7	0	0	0		
2005-Apr-13	5:19								Reset Total, Vol = 43.72 bbl	
2005-Apr-13	5:20	32	0.0	12.71	0.0	0	0	0		

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Well		Field			Service Date		Customer			Job Number
SMITH R #3		GREENWOOD			05103-Apr-13		OXY USA, INC.			2205547948
Date	Time	Treating Pressure	Flow Rate	Density	Volume	CMT AN PRES	0	0	Message	
	24 hr clock	psi	bbl/min	lb/gal	bbl	psi	0	0		
2005-Apr-13	5:20	41	1.7	12.58	0.7	0	0	0	KCC	
2005-Apr-13	5:21	183	5.1	7.83	2.8	0	0	0	AUG 04 2005	
2005-Apr-13	5:21	96	5.1	8.39	5.4	0	0	0	CONFIDENTIAL	
2005-Apr-13	5:22	96	5.2	8.27	8.0	0	0	0		
2005-Apr-13	5:22	96	5.2	8.23	10.6	0	0	0		
2005-Apr-13	5:23	101	5.2	8.13	13.2	0	0	0		
2005-Apr-13	5:23	78	5.2	7.08	15.7	0	0	0		
2005-Apr-13	5:24	110	5.2	8.09	18.3	0	0	0		
2005-Apr-13	5:24	119	5.2	7.96	20.9	0	0	0		
2005-Apr-13	5:25	133	5.2	8.30	23.5	0	0	0		
2005-Apr-13	5:25	128	5.2	8.43	26.1	0	0	0		
2005-Apr-13	5:26	142	5.2	8.35	28.7	0	0	0		
2005-Apr-13	5:26	142	5.1	8.31	31.3	0	0	0		
2005-Apr-13	5:27	169	5.2	8.31	33.9	0	0	0		
2005-Apr-13	5:27	192	5.1	8.31	36.4	0	0	0		
2005-Apr-13	5:28	211	5.2	8.31	39.0	0	0	0		
2005-Apr-13	5:28	224	5.1	8.31	41.6	0	0	0		
2005-Apr-13	5:29	229	5.2	8.31	44.2	0	0	0		
2005-Apr-13	5:29	256	5.2	8.31	46.8	0	0	0		
2005-Apr-13	5:30	256	5.2	8.31	49.4	0	0	0		
2005-Apr-13	5:30	266	5.2	8.31	52.0	0	0	0		
2005-Apr-13	5:31	311	5.2	8.31	54.6	0	0	0		
2005-Apr-13	5:31	316	5.2	8.31	57.2	0	0	0		
2005-Apr-13	5:32	339	5.2	8.31	59.8	0	0	0		
2005-Apr-13	5:32	330	5.1	8.31	62.4	0	0	0		
2005-Apr-13	5:33	348	5.2	8.31	65.0	0	0	0		
2005-Apr-13	5:33	371	5.1	8.31	67.6	0	0	0		
2005-Apr-13	5:34	398	5.2	8.31	70.2	0	0	0		
2005-Apr-13	5:34	403	5.2	8.31	72.8	0	0	0		
2005-Apr-13	5:35	325	2.5	8.31	75.1	0	0	0		
2005-Apr-13	5:35	352	2.5	8.31	76.3	0	0	0		
2005-Apr-13	5:36	389	2.5	8.31	77.5	0	0	0		
2005-Apr-13	5:36	357	2.5	8.31	78.8	0	0	0		
2005-Apr-13	5:37	398	2.5	8.31	80.0	0	0	0		
2005-Apr-13	5:37	403	2.5	8.31	81.3	0	0	0		
2005-Apr-13	5:38	444	2.5	8.31	78.3	0	0	0		
2005-Apr-13	5:38	462	2.5	8.31	79.6	0	0	0		
2005-Apr-13	5:39	1103	0.0	8.31	80.2	0	0	0		
2005-Apr-13	5:39								Bump Top Plug	
2005-Apr-13	5:39	1099	0.0	8.31	80.2	0	0	0		
2005-Apr-13	5:39	1099	0.0	8.31	80.2	0	0	0		
2005-Apr-13	5:39								End Displacement	
2005-Apr-13	5:39	1071	0.0	8.31	80.2	0	0	0		
2005-Apr-13	5:40	32	0.0	8.31	80.2	0	0	0		
2005-Apr-13	5:40	32	0.0	8.31	80.2	0	0	0		
2005-Apr-13	5:40								End Job	

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Well SMITH R #3		Field GREENWOOD		Service Date 05103-Apr-13		Customer OXY USA, INC.		Job Number 2205547948		
Date	Time 24 hr clock	Treating Pressure psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	CMT AN PRES psi	0	0	Message	
							0	0		
Post Job Summary										
Average Pump Rates, bpm					Volume of Fluid Injected, bbl					
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2		
6		0	0	6	183	0	10			
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Final	Average	Bump Plug to	Breakdown	Volume		Density			
1100		400	1100				bbl	lb/gal		
Avg. N2 Percent	Designed Slurry Volume		Displacement		Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume		94 bbl		
%	183 bbl		82.11 bbl		°F	<input type="checkbox"/> Washed Thru Perfs To		ft		
Customer or Authorized Representative			Schlumberger Supervisor							
Wylie, Cal			Gonzales, Paul				<input type="checkbox"/> CirculationLost		<input checked="" type="checkbox"/> Job Completed	

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Schlumberger

Date	4/13/2005
Company	OXY USA
Job Number	2205547948
Well Name	SMITH
Well Number	R 3
County	MORTON
State	KS

Pipe Size	8 5/8	
Pipe Weight	24	32
Pipe Depth	1331.41	
Shoe Length	42.36	
Insert Depth	1289.05	
Hole Size	12 1/4	
Hole Depth	1331	

35:65 POZ		
420 sacks	Class C	D29 S01
2.18 yield	D20	D132
12.4 weight		
12.2 water	122	
cubic ft.	916	
height	1119	
bbls	163	

Pipe Volume	85
Annular Volume	98
Total Cement	210
Total Water	234

Pipe Factor	0.0637	0.0609
Annular Factor	0.0735	
Height Factor	1.2218	

C + ADDS		
195 sacks	D903 S1	D29
1.34 yield		
14.8 weight		
6.35 water	29	
cubic ft.	261	
height	319	
bbls	46.5	

Casing lift	547
Cement lift	307

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

Test 2000 psi

Mud

10 Spacer

163 Lead 12.395

47 Tail 14.8

82.1 Displacement

2000 Maximum Pressure

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

Pump time @ 4 BPM

73 MIN