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ORIGINAL

KCC WICHITA

SEP 28 2004

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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

September 1999

Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: Regency
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
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. _____
06/09/04 06/10/04 06/24/04
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 081-21530-0000
County: Haskell
NE - NE - SW - SW Sec 18 Twp. 27 S. R. 33W
1250 feet from (S) N (circle one) Line of Section
1250 feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Frey B Well #: 4
Field Name: Panoma Field
Producing Formation: Panoma Council Grove
Elevation: Ground: 2960 Kelly Bushing: 2971
Total Depth: 3100 Plug Back Total Depth: 3057
Amount of Surface Pipe Set and Cemented at 957 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
4-24-07
(Data must be collected from the Reserve Pit)
Chloride content 11000 mg/l ppm Fluid volume 875 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 September 23, 2004
Subscribed and sworn to before me this 23rd day of September
20 04
Notary Public: Kathleen Poulton
Date Commission Expires: November 8, 2006

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

NOTARY PUBLIC - State of Kansas
KATHLEEN R. POULTON
My Appt. Exp. 11-8-06

Operator Name: OXY USA Inc. Lease Name: Frey B Well #: 4
 Sec. 18 Twp. 27 S. R. 33W East West County: Haskell

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: Microlog Induction Neutron Sonic	<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>Chase</td> <td>2594</td> <td>367</td> </tr> <tr> <td>Krider</td> <td>2614</td> <td>347</td> </tr> <tr> <td>Winfield</td> <td>2657</td> <td>304</td> </tr> <tr> <td>Towanda</td> <td>2708</td> <td>253</td> </tr> <tr> <td>Ft. Riley</td> <td>2761</td> <td>200</td> </tr> <tr> <td>Council Grove</td> <td>2872</td> <td>89</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Chase	2594	367	Krider	2614	347	Winfield	2657	304	Towanda	2708	253	Ft. Riley	2761	200	Council Grove	2872	89
<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample																							
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Towanda	2708	253																							
Ft. Riley	2761	200																							
Council Grove	2872	89																							

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	957	C	280	35/65 POZ + Add.
					C	150	Class C + Add (See Attach
Production	7 7/8	4 1/2	11.6	3100	C	180	Class C + Add
					H	260	50/50 POZ + Add

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	2873-2880	Acidize - 2174 gls 15% HCL	
		Frac - 13,500 gls WF120, 11,337# 100 Mesh Sand,	
		49,000 gls 75%Q N2, 47,738# 12/20 Brady Sand	

TUBING RECORD	Size 2 3/8	Set At 2942	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 08/02/04		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil BBLS	Gas Mcf 62	Water Bbbs 90	Gas-Oil Ratio Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled _____ <input type="checkbox"/> Other (Specify) _____	_____

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SEP 2 2004



Cementing Service Report

CONFIDENTIAL

Customer OXY USA, INC.	Job Number 2205546180
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Well FREY 'B' 4		Location (legal)		Schlumberger Location Perryton, TX		Job Start 2004-Jun-08	
Field		Formation Name/Type		Deviation		Well MD 959 ft	
County HASKELL		State/Province KANSAS		Bit Size 12.3 in		Well TVD 959 ft	
Well Master: 0630594533		API / UWI:		BHP psi		BHST 100 °F	
Rig Name MURFIN 20		Drilled For Oil & Gas		Service Via		BHCT °F	
Offshore Zone		Well Class New		Well Type Development		Pore Press. Gradient psi/ft	
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cp		Casing/Liner	
Service Line Cementing		Job Type Cem Surface Casing		Depth, ft 950		Size, in 8.63	
Max. Allowed Tubing Pressure 1000 psi		Max. Allowed Ann. Pressure psi		Wellhead Connection 8 5/8 HS&M		Weight, lb/ft 24	
Service Instructions CEMENT 8 5/8 CASING WITH: 280 SKS 35/65 POZ/C+6%D20+2%S1+0.25 PPS D29 150 SKS CLASS C + 2% S1 + 0.25 PPS D29		Perforations/Open Hole		Grade		Thread	
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>		Top, ft		Bottom, ft	
Lift Pressure: 475 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		spf	
No. Centralizers: Top Plugs: 1		Bottom Plugs:		No. of Shots		Total Interval ft	
Cement Head Type: Single		Job Scheduled For: 2004-Jun-08 3:00		Arrived on Location: 2004-Jun-08 16:30		Leave Location:	
Casing Tools		Squeeze Job		Treat Down Casing		Displacement 53.8 bbl	
Shoe Type: Guide		Shoe Depth: 959 ft		Packer Type		Packer Depth ft	
Stage Tool Type:		Stage Tool Depth: ft		Tubing Vol. bbl		Casing Vol. 53.8 bbl	
Collar Type: Float		Collar Depth: 915.86 ft		Annular Vol. bbl		Open Hole Vol. bbl	

Date	Time	Treating Pressure psi	CMT DENS lb/gal	Flow Rate bbl/min	CMT STG VOL bbl	Volume bbl	0	0	Message
2004-Jun-08	8:53	5	8.31	0.0	0.0	0.0	0	0	
2004-Jun-08	8:54	3520	8.31	0.0	0.0	0.0	0	0	
2004-Jun-08	8:56								Start Pumping Water
2004-Jun-08	8:56	9	8.31	0.0	0.0	0.0	0	0	
2004-Jun-08	8:56	9	8.31	0.0	0.0	0.0	0	0	
2004-Jun-08	8:58	55	8.31	2.5	3.3	3.3	0	0	
2004-Jun-08	8:59	146	8.31	5.7	11.9	11.9	0	0	
2004-Jun-08	9:01								Start Mixing Lead Slurry
2004-Jun-08	9:01	18	8.31	0.0	19.1	19.1	0	0	
2004-Jun-08	9:02								Reset Total, Vol = 19.08 bbl
2004-Jun-08	9:02	23	8.21	0.0	19.1	19.1	0	0	
2004-Jun-08	9:03	23	9.76	0.0	0.0	19.1	0	0	
2004-Jun-08	9:04	256	12.01	6.3	7.7	26.8	0	0	
2004-Jun-08	9:06	69	10.82	4.3	17.0	36.1	0	0	
2004-Jun-08	9:08	82	12.37	4.6	24.7	43.8	0	0	
2004-Jun-08	9:09	55	11.33	4.5	32.2	51.3	0	0	
2004-Jun-08	9:11	50	11.94	4.5	39.7	58.8	0	0	
2004-Jun-08	9:13	60	12.39	4.6	47.3	66.4	0	0	
2004-Jun-08	9:14	78	12.25	5.2	55.6	74.6	0	0	
2004-Jun-08	9:16	60	11.42	4.1	63.3	82.3	0	0	
2004-Jun-08	9:18	343	13.19	6.0	71.3	90.4	0	0	
2004-Jun-08	9:19	252	12.68	6.2	82.1	101.2	0	0	

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Well		Field		Service Date		Customer		Job Number	
FREY 'B' #4				04160-Jun-08		OXY USA, INC.		2205546180	
Date	Time	Treating Pressure	CMT DENS	Flow Rate	CMT STG VOL	Volume	0	0	Message
	24 hr clock	psi	fb/gal	bbbl/min	bbbl	bbbl	0	0	
2004-Jun-08	9:21	165	12.75	6.1	92.1	111.2	0	0	
2004-Jun-08	9:23	73	12.71	6.0	102.3	121.4	0	0	
2004-Jun-08	9:24	261	11.70	6.0	112.4	131.5	0	0	
2004-Jun-08	9:25								Reset Total, Vol = 116.66 bbl
2004-Jun-08	9:25	0	12.72	1.5	116.7	135.7	0	0	
2004-Jun-08	9:25								Start Mixing Tail Slurry
2004-Jun-08	9:25	0	10.96	1.5	0.2	135.9	0	0	
2004-Jun-08	9:26	-5	0.52	0.0	0.7	136.4	0	0	
2004-Jun-08	9:28	5	3.67	0.0	2.9	138.6	0	0	
2004-Jun-08	9:28								Dry Batch
2004-Jun-08	9:28	0	0.28	0.0	2.9	138.6	0	0	
2004-Jun-08	9:29	0	-0.09	0.0	2.9	138.6	0	0	
2004-Jun-08	9:31	0	-0.09	0.0	2.9	138.6	0	0	
2004-Jun-08	9:33	-5	-0.09	0.0	2.9	138.6	0	0	
2004-Jun-08	9:34	0	-0.09	0.0	2.9	138.6	0	0	
2004-Jun-08	9:36	0	-0.09	0.0	2.9	138.6	0	0	
2004-Jun-08	9:38	0	-0.09	0.0	2.9	138.6	0	0	
2004-Jun-08	9:39	0	-0.09	0.0	2.9	138.6	0	0	
2004-Jun-08	9:43								Circulate Cement Out Of Hole
2004-Jun-08	14:17	-18	6.78	0.0	2.9	138.6	0	0	
2004-Jun-08	14:17								Reset Total, Vol = 2.90 bbl
2004-Jun-08	14:17	-18	6.70	0.0	2.9	138.6	0	0	
2004-Jun-08	14:17	-18	6.89	0.0	0.0	138.6	0	0	
2004-Jun-08	14:19	-18	7.17	0.0	0.0	138.6	0	0	
2004-Jun-08	14:21	-18	7.15	0.0	0.0	138.6	0	0	
2004-Jun-08	14:22								Start Pumping Water
2004-Jun-08	14:22	-18	7.15	0.0	0.0	138.6	0	0	
2004-Jun-08	14:22	23	7.71	3.9	2.7	141.3	0	0	
2004-Jun-08	14:24	23	7.65	3.9	9.2	147.8	0	0	
2004-Jun-08	14:25								Start Cement Slurry
2004-Jun-08	14:25	23	8.03	3.9	12.7	151.3	0	0	
2004-Jun-08	14:25	23	8.98	3.9	13.7	152.3	0	0	
2004-Jun-08	14:25								Reset Total, Vol = 13.69 bbl
2004-Jun-08	14:26	50	11.72	3.9	2.0	154.4	0	0	
2004-Jun-08	14:27	60	12.48	3.9	8.5	160.9	0	0	
2004-Jun-08	14:29	55	12.48	3.9	15.0	167.4	0	0	
2004-Jun-08	14:31	50	12.40	3.9	21.6	173.9	0	0	
2004-Jun-08	14:32	41	11.88	3.9	28.1	180.5	0	0	
2004-Jun-08	14:34	55	12.27	3.9	34.6	187.0	0	0	
2004-Jun-08	14:36	50	12.26	3.9	41.1	193.5	0	0	
2004-Jun-08	14:37	46	12.55	3.9	47.6	200.0	0	0	
2004-Jun-08	14:39	55	12.49	3.9	54.1	206.5	0	0	
2004-Jun-08	14:41	50	12.55	3.9	60.7	213.0	0	0	
2004-Jun-08	14:43	37	12.30	3.9	67.2	219.6	0	0	
2004-Jun-08	14:44	46	12.23	3.9	73.7	226.1	0	0	
2004-Jun-08	14:46	46	12.17	3.9	80.2	232.6	0	0	
2004-Jun-08	14:48	46	12.32	3.9	86.8	239.1	0	0	
2004-Jun-08	14:49	64	12.20	3.9	93.3	245.6	0	0	
2004-Jun-08	14:51	73	12.55	3.9	99.8	252.1	0	0	
2004-Jun-08	14:51								Start Mixing Tail Slurry
2004-Jun-08	14:51	55	12.34	3.9	101.7	254.0	0	0	
2004-Jun-08	14:51	60	12.48	3.9	101.9	254.2	0	0	
2004-Jun-08	14:51								Reset Total, Vol = 101.85 bbl
2004-Jun-08	14:53	78	14.38	3.9	4.4	258.6	0	0	

Well		Field			Service Date		Customer		Job Number
FREY 'B' #4					04180-Jun-08		OXY USA, INC.		2205546180
Date	Time	Treating Pressure	CMT DENS	Flow Rate	CMT STG VOL	Volume	0	0	Message
	24 hr clock	psi	lb/gal	bbt/min	bbt	bbt	0	0	
2004-Jun-08	14:54	87	13.80	3.9	11.0	265.2	0	0	
2004-Jun-08	14:56	41	14.73	2.5	15.5	269.7	0	0	
2004-Jun-08	14:58	37	14.60	2.5	19.7	273.9	0	0	
2004-Jun-08	14:59	37	14.61	2.5	23.8	278.0	0	0	
2004-Jun-08	15:01	37	15.08	2.5	27.9	282.1	0	0	
2004-Jun-08	15:03	37	15.02	2.5	32.0	286.2	0	0	
2004-Jun-08	15:04	-14	14.95	0.0	34.2	288.4	0	0	
2004-Jun-08	15:05	-18	14.93	0.0	34.2	288.4	0	0	
2004-Jun-08	15:05								Drop Top Plug
2004-Jun-08	15:06	14	11.72	2.0	34.5	288.7	0	0	
2004-Jun-08	15:06								Start Displacement
2004-Jun-08	15:06	37	9.03	4.2	35.5	289.7	0	0	
2004-Jun-08	15:08	27	7.99	4.2	42.5	296.7	0	0	
2004-Jun-08	15:09	23	7.92	4.2	49.5	303.7	0	0	
2004-Jun-08	15:11	73	8.30	4.2	56.5	310.7	0	0	
2004-Jun-08	15:13	96	8.30	3.9	63.1	317.3	0	0	
2004-Jun-08	15:14	142	8.30	3.9	69.6	323.8	0	0	
2004-Jun-08	15:16	197	8.30	3.9	76.2	330.4	0	0	
2004-Jun-08	15:18	229	8.30	2.5	81.6	335.8	0	0	
2004-Jun-08	15:19	183	8.30	2.5	85.8	340.0	0	0	
2004-Jun-08	15:21	334	8.30	2.5	89.9	344.1	0	0	
2004-Jun-08	15:22	847	8.30	0.0	93.7	347.9	0	0	
2004-Jun-08	15:22								Bump Top Plug
2004-Jun-08	15:23	906	8.30	0.0	93.7	347.9	0	0	
2004-Jun-08	15:23								Bleed Off Pressure
2004-Jun-08	15:23	929	8.30	0.0	93.7	347.9	0	0	
2004-Jun-08	15:24								Reset Total, Vol = 0.00 bbl
2004-Jun-08	15:24								Reset Total, Vol = 93.72 bbl
2004-Jun-08	15:24	-27	8.30	0.0	93.7	347.9	0	0	
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
4.15			6.79	251	0	30			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
3872.53		74.8	929		bbt	lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	30	bbt		
%	143 bbl	53.8 bbl	75 °F	<input type="checkbox"/> Washed Thru Perfs	To	ft			
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> CirculationLost		<input checked="" type="checkbox"/> Job Completed	
William, Wes			Giem, Scott						



Service Order

2004-Sep-23

Customer OXY USA, INC.		Person Taking Call Ousley, John		Dowell Location Perryton, TX		Order Date 2004-Jun-14		Job Number 2205546180			
Well Name and Number FREY 'B' 4			Legal Location		Field		County HASKELL		State/Province KANSAS		
Well Master: 0630594533			API / UWI:								
Rig Name MURFIN 20			Well Age New		Sales Engineer Cambren, Charles			Job Type Cem Surface Casing			
Time Well Ready: 6/9/2004 3:30 AM		Deviation -		BR Size 12.3 in		Well MD 959 ft		Well TVD 959 ft		Cem Surface Casing	
Treat Down Casing		Packer Type		Packer Depth ft		Wellhead Connection 8 5/8 HS&M		HWP on Location		Max Allowed Pressure 1000	
Depth, ft		Size, in		Weight, lb/ft		Grade		Thread		Services Instructions: CEMENT 8 5/8 CASING WITH: 280 SKS 35/65 POZ/C+6%D20+2%S1+0.25 PPS D29 150 SKS CLASS C + 2% S1 + 0.25 PPS D29	
950		8.63		24							
Depth,		Size, in		Weight, lb/ft		Grade		Thread		Extra Equipment: 1 PUMP 2 ABT 1 CEMCAT	
Top, ft		Bottom, ft		epf		No. of Shots		Total Interval ft			
								Diameter in			
Expected On Location: 6/9/2004 3:30 AM Ready To Pump:											

Contact	Voice	Mobile	FAX	Notes
Greg Fillpot		1 620 363 8689		
MURFIN RIG 20		1 785 894 3635		
RODNEY-MURFIN 20		1 785 894 3689		

Notes:
 FLOAT EQUIPMENT= 1 (8 5/8) TOP WOODEN PLUG

Directions:
 FROM PERRYTON TX === NORTH ON HWY 83 TO SUBLETTE, KS.=== 14 NORTH TO HITCH FEEDER RD === 5 WEST ON HITCH FEEDER RD TO CO RD 'HH' === 1 1/4 NORTH ON CO. RD. 'HH'=== 1/2 WEST, 1/4 NORTH, WEST INTO

Other Notes:
 FOLLOW ALL CONVOY POLICIES AND BE SAFE!!!!
 WATCH OUT AT ALL TRAFFIC INTERSECTIONS!!!!

Comments:

Fluid Systems:

LEAD			
280 SKS 35/65 POZ/C+6%D20+2%S1+0.25PPS D29			
Density:	12.2	lb/gal	Thickening Time:
Yield:	2.17	ft ³ /sk	
H2O Mix:	17.7	gal/sk	
H2O:	4958	gal	Eq. Sack Weight: 88.75 lb
			Total Blend: 280 sacks
Class Code	Conc. Amount		Total Amount
S001	1.775	lbs/sk	497
D020	5.325	lbs/sk	1491
D132	27.65	lbs/sk	7742
D029	0.25	lbs/sk	70
CLASS C	61.1	lbs/sk	17108

TAIL			
150 SKS CLASS C + 2%S1+0.25PPS D29			
Density:	14.8	lb/gal	Thickening Time:
Yield:	1.34	ft ³ /sk	
H2O Mix:	6.3	gal/sk	
H2O:	945	gal	Eq. Sack Weight: 94 lb
			Total Blend: 150 sacks
Class Code	Conc. Amount		Total Amount
CLASS C	94	lbs/sk	14100
S001	1.86	lbs/sk	282
D029	0.25	lbs/sk	37.5

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Cementing Service Report

Customer OXY USA, INC.	SEP 2 2004	Job Number 2205546181
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Well FREY 'B' 4		Location (legal) CONFIDENTIAL		Schlumberger Location Perryton, TX		Job Start 2004-Jun-11			
Field		Formation Name/Type		Deviation		Bit Size 7.88 in	Well MD 3,100 ft	Well TVD 3,100 ft	
County HASKELL		State/Province KANSAS		BHP psi	BHST 111 °F	BHCT °F	Pore Press. Gradient psi/ft		
Well Master: 0630594533		API / UWI:		Casing/Liner					
Rig Name MURFIN 20	Drilled For Oil & Gas		Service Via	Depth, ft 3100	Size, in 4.5	Weight, lb/ft 11.6	Grade	Thread	
Offshore Zone	Well Class New		Well Type Development	Tubing/Drill Pipe					
Drilling Fluid Type		Max. Density lb/gal	Plastic Vfr cp	Depth,	Size, in	Weight, lb/ft	Grade	Thread	
Service Line Cementing		Job Type Cem Prod Casing		Perforations/Open Hole					
Max. Allowed Tubing Pressure 2000 psi	Max. Allowed Ann. Pressure psi		WellHead Connection 4.5 HS&M	Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft	
Service Instructions CEMENT 4 1/2 PROD. CASING WITH: 20 BBL CW100 25 SKS CLASS C+ADDS. (RAT/MOUSE) 180 SKS CLASS C+3%D79+0.2%D46+0.25PPS D29 (LEAD) 260 SKS 50/50 POZ CLASS H + ADDS. (TAIL) DISPLACE WITH 2% KCL & 1 lb. B69								Diameter in	
Casing/Tubing Secured <input type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>		Casing Tools		Squeeze Job				
Lift Pressure: 1450 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input checked="" type="checkbox"/>		Shoe Type: Guide	Squeeze Type		
No. Centralizers:	Top Plugs: 1	Bottom Plugs: 1	Shoe Depth: 3100 ft	Tool Type:					
Cement Head Type: Single		Stage Tool Type:		Tool Depth: ft					
Job Scheduled For: 6/11/2004 5:00	Arrived on Location: 2004-Jun-11 5:00		Leave Location: 2004-Jun-11 9:30		Stage Tool Depth: ft	Tail Pipe Size: in			
				Collar Type: Float	Tail Pipe Depth: ft				
				Collar Depth: 3100 ft	Sqz Total Vol: bbl				
Date	Time	Treating Pressure psi	CMT DENS lb/gal	Flow Rate bbl/min	CMT STG VOL bbl	Volume bbl	0	0	Message
2004-Jun-11	7:12	0	8.53	0.0	0.0	0.0	0	0	
2004-Jun-11	7:13	0	8.53	0.0	0.0	0.0	0	0	
2004-Jun-11	7:15	0	8.53	0.0	0.0	0.0	0	0	
2004-Jun-11	7:17	0	8.53	0.0	0.0	0.0	0	0	
2004-Jun-11	7:18								Start Pumping Wash
2004-Jun-11	7:18	0	8.52	0.0	0.0	0.0	0	0	
2004-Jun-11	7:18	192	8.52	2.9	0.4	0.4	0	0	
2004-Jun-11	7:20	325	8.51	5.5	9.2	9.2	0	0	
2004-Jun-11	7:22	348	8.51	5.5	18.4	18.4	0	0	
2004-Jun-11	7:22								Pressure Test Lines
2004-Jun-11	7:22	92	8.51	0.6	20.1	20.1	0	0	
2004-Jun-11	7:23	64	8.51	0.0	20.1	20.1	0	0	
2004-Jun-11	7:25	2921	8.51	0.0	20.2	20.2	0	0	
2004-Jun-11	7:27	18	8.54	0.0	20.2	20.2	0	0	
2004-Jun-11	7:27								Start Cement Slurry
2004-Jun-11	7:27	23	8.54	0.0	20.2	20.2	0	0	
2004-Jun-11	7:27								Reset Total, Vol = 20.17 bbl
2004-Jun-11	7:27	18	8.56	0.0	20.2	20.2	0	0	
2004-Jun-11	7:28	105	12.69	1.4	0.7	20.9	0	0	
2004-Jun-11	7:30	0	12.69	0.0	1.4	21.5	0	0	
2004-Jun-11	7:32	55	12.60	0.0	1.4	21.5	0	0	
2004-Jun-11	7:33	5	12.66	0.0	2.4	22.6	0	0	

**RECEIVED
SEP 2 8 2004**

KCC WICHITA

Well		Field			Service Date		Customer		Job Number
FREY 'B' #4					04163-Jun-11		OXY USA, INC.		2205546181
Date	Time	Treating Pressure	CMT DENS	Flow Rate	CMT STG VOL	Volume	0	0	Message
	24 hr. clock	psi	lb/gal	bbl/min	bbl	bbl	0	0	
2004-Jun-11	7:35	0	9.79	0.0	2.4	22.6	0	0	
2004-Jun-11	7:35	0	9.79	0.0	2.4	22.6	0	0	
2004-Jun-11	7:35								Reset Total, Vol = 2.40 bbl
2004-Jun-11	7:36	0	9.79	0.0	0.0	22.6	0	0	
2004-Jun-11	7:36								Start Mixing Lead Slurry
2004-Jun-11	7:37	375	12.03	5.5	3.2	25.7	0	0	
2004-Jun-11	7:38	298	12.14	5.5	12.3	34.9	0	0	
2004-Jun-11	7:40	160	12.03	5.5	21.5	44.0	0	0	
2004-Jun-11	7:42	142	12.00	5.5	30.6	53.2	0	0	
2004-Jun-11	7:43	137	11.94	5.5	39.8	62.4	0	0	
2004-Jun-11	7:45	142	11.92	5.5	49.0	71.6	0	0	
2004-Jun-11	7:47	137	12.11	5.5	58.1	80.7	0	0	
2004-Jun-11	7:48	137	12.02	5.5	67.3	89.9	0	0	
2004-Jun-11	7:50	128	11.98	5.5	76.4	99.0	0	0	
2004-Jun-11	7:52	124	11.63	5.5	85.6	108.1	0	0	
2004-Jun-11	7:52								End Lead Slurry
2004-Jun-11	7:52	114	11.63	5.5	85.7	108.2	0	0	
2004-Jun-11	7:52	114	11.63	5.5	85.9	108.5	0	0	
2004-Jun-11	7:52								Start Mixing Tail Slurry
2004-Jun-11	7:52								Reset Total, Vol = 0.00 bbl
2004-Jun-11	7:52								Reset Total, Vol = 86.30 bbl
2004-Jun-11	7:52	128	11.69	5.5	86.3	108.9	0	0	
2004-Jun-11	7:53	224	14.23	5.5	8.4	117.3	0	0	
2004-Jun-11	7:55	156	13.94	5.5	17.4	126.3	0	0	
2004-Jun-11	7:57	169	13.78	5.5	26.6	135.5	0	0	
2004-Jun-11	7:58	92	13.83	5.5	35.7	144.6	0	0	
2004-Jun-11	8:00	114	13.58	5.5	44.9	153.7	0	0	
2004-Jun-11	8:02	142	13.43	5.5	54.0	162.9	0	0	
2004-Jun-11	8:03	160	13.88	5.5	63.2	172.0	0	0	
2004-Jun-11	8:05	137	13.65	5.5	72.3	181.2	0	0	
2004-Jun-11	8:07	160	13.94	5.5	81.5	190.4	0	0	
2004-Jun-11	8:07	156	13.48	5.5	84.0	192.9	0	0	
2004-Jun-11	8:07								End Tail Slurry
2004-Jun-11	8:07	151	13.41	5.5	84.4	193.2	0	0	
2004-Jun-11	8:07								Drop Top Plug
2004-Jun-11	8:08	-18	12.32	0.0	85.2	194.1	0	0	
2004-Jun-11	8:10	41	10.13	0.0	85.2	194.1	0	0	
2004-Jun-11	8:12	160	8.57	0.0	85.2	194.1	0	0	
2004-Jun-11	8:13	174	8.51	0.0	85.2	194.1	0	0	
2004-Jun-11	8:15								Reset Total, Vol = 0.00 bbl
2004-Jun-11	8:15	-14	8.51	0.0	85.2	194.1	0	0	
2004-Jun-11	8:15								Reset Total, Vol = 85.23 bbl
2004-Jun-11	8:15								Start Displacement
2004-Jun-11	8:15	-14	8.51	0.0	0.0	194.1	0	0	
2004-Jun-11	8:15	-14	8.51	0.0	0.0	194.1	0	0	
2004-Jun-11	8:17	92	8.50	5.2	7.8	201.9	0	0	
2004-Jun-11	8:18	325	8.49	5.2	16.6	210.7	0	0	
2004-Jun-11	8:20	471	8.46	5.2	25.2	219.3	0	0	
2004-Jun-11	8:22	664	8.45	5.2	33.9	228.0	0	0	
2004-Jun-11	8:23								Slow To Bump Plug
2004-Jun-11	8:23	723	8.45	2.7	40.1	234.2	0	0	
2004-Jun-11	8:23	737	8.45	2.5	41.3	235.4	0	0	
2004-Jun-11	8:25	792	8.46	2.1	44.7	238.8	0	0	
2004-Jun-11	8:27	888	8.46	2.0	48.0	242.1	0	0	

Well		FREY 'B' #4			Field	Service Date	Customer		Job Number
						04163-Jun-11	OXY USA, INC.		2205546181
Date	Time	Treating Pressure	CMT DENS	Flow Rate	CMT STG VOL	Volume	0	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	bbl	0	0	
2004-Jun-11	8:27	1675	8.46	0.2	48.9	243.0	0	0	
2004-Jun-11	8:27								Bump Top Plug
2004-Jun-11	8:28	1712	8.46	0.0	48.9	243.0	0	0	
2004-Jun-11	8:28								Bleed Off Pressure
2004-Jun-11	8:28	1433	8.46	0.0	48.9	243.0	0	0	
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
4.91			6.79	155.5	0	3			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
2925		284.16	1712				bbl	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?		Volume	15 bbl		
%	155.5 bbl	48.2 bbl	70 °F	<input type="checkbox"/> Washed Thru Perfs		To	ft		
Customer or Authorized Representative			Schlumberger Supervisor						
Fillpot, Greg			Giem, Scott			<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed	



Service Order

2004-Sep-23

Customer OXY USA, INC.		Person Taking Call Ousley, John		Dowell Location Perryton, TX		Order Date 2004-May-31		Job Number 2205546181																		
Well Name and Number FREY 'B' 4			Legal Location		Field		County HASKELL		State/Province KANSAS																	
Well Master: 0630594533			API / UWI:																							
Rig Name MURFIN 20			Well Age New		Sales Engineer Cambem, Charles			Job Type Cem Prod Casing																		
Time Well Ready: 6/11/2004 5:00 AM		Deviation *		Bit Size 7.88 in		Well MD 3,100 ft		Well TVD 3,100 ft		BHP psi																
Treat Down Casing		Packer Type		Packer Depth ft		Wellhead Connection 4.5 HS&M		HHP on Location		Max Allowed Pressure 2000																
BHT 111 °F		BHCT °F																								
<table border="1"> <thead> <tr> <th colspan="5">Casing</th> </tr> <tr> <th>Depth, ft</th> <th>Size, in</th> <th>Weight, lb/ft</th> <th>Grade</th> <th>Thread</th> </tr> </thead> <tbody> <tr> <td>3100</td> <td>4.5</td> <td>11.6</td> <td></td> <td></td> </tr> </tbody> </table>				Casing					Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	3100	4.5	11.6			Services Instructions: CEMENT 4 1/2 PROD. CASING WITH: 20 BBL CW100 25 SKS CLASS C+ADDS. (RAT/MOUSE) 180 SKS CLASS C+3%D79+0.2%D46+0.25PPS D29 (LEAD) 280 SKS 50/50 POZ CLASS H + ADDS. (TAIL) DISPLACE WITH 2% KCL & 1 lb. B69							
Casing																										
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread																						
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Tubing																										
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread																						
<table border="1"> <thead> <tr> <th colspan="5">Perforated Intervals</th> </tr> <tr> <th>Top, ft</th> <th>Bottom, ft</th> <th>api</th> <th>No. of Shots</th> <th>Total Interval ft</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				Perforated Intervals					Top, ft	Bottom, ft	api	No. of Shots	Total Interval ft						Expected On Location: 6/11/2004 5:00 AM Ready To Pump: 6/11/2004							
Perforated Intervals																										
Top, ft	Bottom, ft	api	No. of Shots	Total Interval ft																						

Contact	Voice	Mobile	FAX	Notes
Greg Fillpot		1 620 353 8889		
Wes Willimon		1 620 855 1756		

Notes:

4 1/2 FE = 1 TOP PLUG & 1 BOTTOM PLUG
 2/1000 L64 & 1 LB B69

Directions:

FROM PERRYTON TX === NORTH ON HWY 83 TO SUBLETTE, KS.=== 14 NORTH TO HITCH FEEDER RD === 5 WEST ON HITCH FEEDER RD TO CO RD 'HH' === 1 1/4 NORTH ON CO. RD. 'HH'=== 1/2 WEST, 1/4 NORTH, WEST INTO

Other Notes:

FOLLOW ALL CONVOY POLICIES AND BE SAFE!!!

Comments:

Fluid Systems:

DISPLACE			
2/1000 L64 & 1 LB B69			
Density:	lb/gal	Thickening Time:	
Yield:	ft ³ /sk		
H2O Mix:	gal/sk		
H2O:	gal	Eq. Sack Weight:	0 lb
		Total Blend:	0 sacks
Blend Code	Concn Amount	Total	Quantity
B069	1 lbs		1
L064	4 gal		4

LEAD			
205 SKS CLASS C+3%D79+0.2%D46+0.25 PPS D29 (180 SKS LEAD/25 SKS RAT/MOUSE)			
Density:	12 lb/gal	Thickening Time:	
Yield:	2.61 ft ³ /sk		
H2O Mix:	15.16 gal/sk		
H2O:	3107.8 gal	Eq. Sack Weight:	94 lb
		Total Blend:	205 sacks
Blend Code	Concn Amount	Total	Quantity
D079	2.82 lbs/sk		578.1
D046	0.188 lbs/sk		38.54
D029	0.25 lbs/sk		51.25
CLASS C	94 lbs/sk		18270

TAIL			
260 SACKS 50:50 POZ H+2%D20+5 PPS D42+5 PPS D53+0.25%D112+0.25%D65+3%M117KCL+0.25%D46			
Density:	13.8 lb/gal	Thickening Time:	
Yield:	1.55 ft ³ /sk		
H2O Mix:	7.1 gal/sk		
H2O:	1846 gal	Eq. Sack Weight:	86.5 lb
		Total Blend:	260 sacks
Blend Code	Concn Amount	Total	Quantity
D065	0.216 lbs/sk		56.16
POZ	39.5 lbs/sk		10270
D046	0.216 lbs/sk		56.16
D042	5 lbs/sk		1300
D112	0.216 lbs/sk		56.16
M117	2.595 lbs/sk		674.7
CLASS H	47 lbs/sk		12220
D020	1.73 lbs/sk		449.8
D053	5 lbs/sk		1300

WASH			
20 BBLS CW100			
Density:	lb/gal	Thickening Time:	
Yield:	ft ³ /sk		
H2O Mix:	0 gal/sk		
H2O:	0 gal	Eq. Sack Weight:	0 lb
		Total Blend:	0 sacks
Blend Code	Concn Amount	Total	Quantity
D122A	10 gal		10
J237A	5 gal		5