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JUN 09 2006

Form ACO-1

September 1999

CONSERVATION DIVISION WICHITA, KS

Form Must Be Typed

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 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: Duke Energy Operator Contact Person: Vicki Carder Phone: (620) 629-4200 Contractor: Name: Murfin Drilling Co., Inc. License: 30606 Wellsite Geologist: Designate Type of Completion: X New Well Re-Entry Workover Oil SWD SLOW Temp. Abd. X 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 X Commingled Docket No. Pending Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. 02/11/06 02/22/06 03/22/06 Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-189-22502 County: Stevens - SW - NE - NW Sec 14 Twp. 34 S. R 35W 867 feet from S (N) Line of Section 1492 feet from E (W) Line of Section Footages Calculated from Nearest Outside Section Corner: (circle one) NE SE (NW) SW Lease Name: Clodfelter B (was Hanner A-1) Well #: 1 Field Name: Ski Block Producing Formation: Chester/Morrow Elevation: Ground: 2982 Kelly Bushing: 2993 Total Depth: 6700 Plug Back Total Depth: 6521 Amount of Surface Pipe Set and Cemented at 1695 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 ALTI WITH 6-20-07 (Data must be collected from the Reserve Pit) Chloride content 1000 mg/l ppm Fluid volume 1700 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 06/07/06 Subscribed and sworn to before me this 7th day of June 20 06 Notary Public: Anita Peterson Date Commission Expires: Oct. 1, 2009

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

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ANITA PETERSON Notary Public - State of Kansas My Appt. Expires October 1, 2009

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Side Two

Operator Name: OXY.USA Inc. Lease Name: Clodfelter B (was Hanner A-1) Well #: 1

Sec. 14 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 type="checkbox"/> Yes <input checked="" 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	Chase	2662	331
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Krider	2715	278
List All E. Logs Run:	CBL Gamma/Temp	Council Grove	3019	-26
Sonic	Microlog Neutron	Wabaunsee	3435	-442
Induction	Geological Report	Shawnee	3804	-811
		Heebner	4292	-1299
		Toronto	4315	-1322
		(See Side Three)		

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in. O.D.)	Weight Lbs./ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Conductor	12 1/4	8 5/8	24	1695	C		
Surface	12 1/4	8 5/8	24	1695	C	575	35/65 Poz + Additives
					C	195	Class C + Additives
Production	7 7/8	5 1/2	17	6700	C	90	Class C + Additives
					H	185	50/50 Poz + Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	Surf-249	C	325	Surf not Circ to surf, ran temp surf per KCC Request, 4 SPF @ 248-249, Good Circ to Surface
<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 <i>(Amount and Kind of Material Used)</i>		Depth
		Amount	Kind	
8	6203-6210	Acidize - 1300 gls 17%		
		Frac-36440 gls Delta 70QN2, 41,800# 20/40 Sand		
4	6121-6123, 6133-6153	Acidize-4800 gls 17% FE		
		Frac-125,233 gls Delta 70QN2, 230,820# 20/40 Sand		
TUBING RECORD		Liner Run		
Size NA	Set At	Packer At	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. 04/04/06		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil BBLs 0	Gas Mcf 886	Water Bbls 15	Gas-Oil Ratio 15

Disposition of Gas: Vented Sold Used on Lease *(If vented, Submit ACO-18)*

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Chester 6203-6210

Production Interval: Other (Specify) Morrow 6121-6153

Side Three

Operator Name: OXY USA Inc. Lease Name: Ciodfelter B (was Hanner A-1) Well #: 1

Sec. 14 Twp. 34 S. R. 35W East West County: Stevens

Name	Top	Datum
Lansing	4410	-1417
Marmaton	5150	-2157
Cherokee	5439	-2446
Atoka	5681	-2688
Morrow	5845	-2852
Chester	6202	-3209
St. Genevieve	6461	-3468
St. Louis	6522	-3529

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Customer OXY USA, INC.						Job Number 2205550333									
Well HANNER A 1			Location (legal) Sec 14-T34S-R35W			Schlumberger Location Perryton, TX			Job Start 2006-Feb-23						
Field HUGOTON		Formation Name/Type Clean-Sandstone			Deviation °		Bit Size 7.78 in	Well MD 6,700 ft	Well TVD 6,700 ft						
County STEVENS		State/Province KANSAS			BHP psi	BHST 147 °F	BHCT 118 °F	Pore Press. Gradient psi/ft							
Well Master: 0630763303		API / UWI: 15189225020000			Casing/Liner										
Rig Name MURFIN 20		Drilled For Gas		Service Via Land		Depth, ft 6704	Size, in 5.5	Weight, lb/ft 17	Grade N80	Thread 8RD					
Offshore Zone		Well Class New		Well Type Development		Tubing/Drill Pipe									
Drilling Fluid Type Bentonite		Max. Density 9 lb/gal		Plastic V: cp 35		Depth,	Size, in	Weight, lb/ft	Grade	Thread					
Service Line Cementing		Job Type Cem Prod Casing				Perforations/Open Hole									
Max. Allowed Tubing Pressure 1500 psi		Max. Allowed Ann. Pressure psi		WellHead Connection 5 1/2" H&SM		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft					
Service Instructions Cement 5 1/2 production casing using spacer: 20 BBLS CW100 lead: 115 SKS Class C + 3%D79 + 0.2%D46 + 0.25pps D29 (includes 25 sks for mouse and rat holes) Tail: 185 SKS 50/50 Poz:H+2%D20+3%M117+ 5 PPS D42+5 PPS D53+0.25 %D112+ 0.25 %D65 + 0.25%D46						Diameter in	Treat Down Casing	Displacement 154 bbl	Packer Type	Packer Depth ft					
						Tubing Vol. bbl	Casing Vol. 155.5 bbl	Annular Vol. 207 bbl	OpenHole Vol 404 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: 5050 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input checked="" type="checkbox"/>		Shoe Type: Guide	Squeeze Type		
No. Centralizers: 14		Top Plugs: 1		Bottom Plugs:		Shoe Depth: 6704 ft	Tool Type:								
Cement Head Type: Single		Job Scheduled For:		Arrived on Location: 2006-Feb-23 10:30		Leave Location: 2006-Feb-23 14:00		Stage Tool Type:	Tool Depth: ft						
						Stage Tool Depth: ft	Tail Pipe Size: in								
						Collar Type: Auto-Fill	Tail Pipe Depth: ft								
						Collar Depth: 6629 ft	Sqz Total Vol: bbl								

Date	Time	Treating Pressure psi	Flow Rate bbl/min	Density lb/gal	CMT STG VOL bbl	CMT VOL bbl	0	0	Message
2006-Feb-23	12:05	31	0.0	8.37	0.0	0.0	0	0	
2006-Feb-23	12:05	0	0.0	8.37	0.0	0.0	0	0	
2006-Feb-23	12:05								Start Job
2006-Feb-23	12:05								Pressure Test Lines
2006-Feb-23	12:05	0	0.0	8.37	0.0	0.0	0	0	
2006-Feb-23	12:05	0	0.0	8.37	0.0	0.0	0	0	
2006-Feb-23	12:06	0	0.0	8.37	0.0	0.0	0	0	
2006-Feb-23	12:06	0	0.0	8.37	0.0	0.0	0	0	
2006-Feb-23	12:07	78	1.5	8.36	0.5	0.5	0	0	
2006-Feb-23	12:07								Start CW100
2006-Feb-23	12:07	73	0.7	8.37	0.6	0.6	0	0	
2006-Feb-23	12:07	73	0.9	8.36	1.0	1.0	0	0	
2006-Feb-23	12:08	32	0.0	8.36	1.4	1.4	0	0	
2006-Feb-23	12:08	23	0.0	8.36	1.4	1.4	0	0	
2006-Feb-23	12:09	114	0.0	8.36	1.4	1.4	0	0	
2006-Feb-23	12:09	2202	0.0	8.35	1.4	1.4	0	0	
2006-Feb-23	12:10	9	0.0	8.36	1.4	1.4	0	0	
2006-Feb-23	12:10	78	0.7	8.35	1.7	1.7	0	0	
2006-Feb-23	12:11	275	3.9	8.37	3.2	3.2	0	0	
2006-Feb-23	12:11	362	5.2	8.38	5.6	5.6	0	0	
2006-Feb-23	12:12	375	5.3	8.37	8.3	8.3	0	0	
2006-Feb-23	12:12	375	5.4	8.38	11.0	11.0	0	0	

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Well		Field		Service Date		Customer		Job Number	
HANNER A #1		HUGOTON		0654-Feb-23		OXY USA, INC.		2205550333	
Date	Time	Treating Pressure	Flow Rate	Density	CMT STG VOL	CMT VOL	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl	0	0	
2006-Feb-23	12:13	375	5.6	8.36	13.7	13.7	0	0	
2006-Feb-23	12:13	385	5.6	8.37	16.5	16.5	0	0	
2006-Feb-23	12:14	394	5.8	8.37	19.4	19.4	0	0	
2006-Feb-23	12:14								Reset Total, Vol = 21.95 bbl
2006-Feb-23	12:14	417	5.7	8.37	21.9	21.9	0	0	
2006-Feb-23	12:14	421	5.8	8.37	0.1	0.1	0	0	
2006-Feb-23	12:14								Start Water Spacer
2006-Feb-23	12:14	444	5.8	8.37	0.3	0.3	0	0	
2006-Feb-23	12:15	453	5.9	8.35	3.2	3.2	0	0	
2006-Feb-23	12:15	87	5.0	8.36	4.6	4.6	0	0	
2006-Feb-23	12:15								Reset Total, Vol = 4.63 bbl
2006-Feb-23	12:15	0	1.5	8.36	0.2	0.2	0	0	
2006-Feb-23	12:15								Start Mouse hole and rat hole
2006-Feb-23	12:15	5	0.0	8.36	0.3	0.3	0	0	
2006-Feb-23	12:16	0	2.5	10.01	0.3	0.3	0	0	
2006-Feb-23	12:16	0	3.0	11.67	0.3	0.3	0	0	
2006-Feb-23	12:17	64	3.9	12.09	0.3	0.3	0	0	
2006-Feb-23	12:17	55	2.5	11.64	1.5	1.5	0	0	
2006-Feb-23	12:18	78	2.4	11.40	2.8	2.8	0	0	
2006-Feb-23	12:18	87	3.1	11.36	4.3	4.3	0	0	
2006-Feb-23	12:19	-9	1.1	11.36	5.8	5.8	0	0	
2006-Feb-23	12:19	0	2.5	9.38	5.9	5.9	0	0	
2006-Feb-23	12:20	0	3.0	10.95	5.9	5.9	0	0	
2006-Feb-23	12:20	0	3.2	11.92	5.9	5.9	0	0	
2006-Feb-23	12:21	0	3.1	11.74	5.9	5.9	0	0	
2006-Feb-23	12:21	0	3.1	11.75	5.9	5.9	0	0	
2006-Feb-23	12:22	69	2.7	11.75	6.1	6.1	0	0	
2006-Feb-23	12:22	60	2.6	11.76	7.4	7.4	0	0	
2006-Feb-23	12:23	87	3.1	11.72	8.9	8.9	0	0	
2006-Feb-23	12:23	82	3.1	11.42	10.4	10.4	0	0	
2006-Feb-23	12:24	-5	0.0	11.42	11.1	11.1	0	0	
2006-Feb-23	12:24	0	2.7	9.35	11.1	11.1	0	0	
2006-Feb-23	12:25	55	0.2	9.48	11.1	11.1	0	0	
2006-Feb-23	12:25	279	3.8	10.90	11.1	11.1	0	0	
2006-Feb-23	12:25								Reset Total, Vol = 11.08 bbl
2006-Feb-23	12:25								Start Mixing Lead Slurry
2006-Feb-23	12:25	334	4.0	11.00	0.0	0.0	0	0	
2006-Feb-23	12:25	439	5.4	11.47	0.0	0.0	0	0	
2006-Feb-23	12:26	439	5.8	11.58	0.0	0.0	0	0	
2006-Feb-23	12:26	183	6.0	11.21	0.0	0.0	0	0	
2006-Feb-23	12:27	275	5.9	11.01	0.0	0.0	0	0	
2006-Feb-23	12:27	270	6.0	11.08	2.5	2.5	0	0	
2006-Feb-23	12:28	224	6.0	11.11	5.5	5.5	0	0	
2006-Feb-23	12:28	224	6.1	11.21	8.5	8.5	0	0	
2006-Feb-23	12:29	224	6.1	11.24	11.6	11.6	0	0	
2006-Feb-23	12:29	188	6.1	11.26	14.7	14.7	0	0	
2006-Feb-23	12:30	229	6.2	11.26	17.9	17.9	0	0	
2006-Feb-23	12:30	160	6.3	11.23	20.9	20.9	0	0	
2006-Feb-23	12:31	211	6.2	11.21	24.0	24.0	0	0	
2006-Feb-23	12:31	133	6.2	11.21	27.2	27.2	0	0	
2006-Feb-23	12:32	137	6.2	11.23	30.3	30.3	0	0	
2006-Feb-23	12:32	137	6.3	11.19	33.4	33.4	0	0	
2006-Feb-23	12:33	133	6.2	10.98	36.5	36.5	0	0	
2006-Feb-23	12:33	146	6.1	12.08	39.6	39.6	0	0	

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Well		Field			Service Date		Customer		Job Number
HANNER A #1		HUGOTON			0654-Feb-23		OXY USA, INC.		2205550333
Date	Time	Treating Pressure	Flow Rate	Density	CMT STG VOL	CMT VOL	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl	0	0	
2006-Feb-23	12:33	156	6.1	12.56	40.6	40.6	0	0	
2006-Feb-23	12:33								Reset Total, Vol = 54 bbl by truck
2006-Feb-23	12:33								Start Mixing Tail Slurry
2006-Feb-23	12:33	156	6.1	12.65	0.2	0.2	0	0	
2006-Feb-23	12:34	183	6.0	13.27	2.0	2.0	0	0	
2006-Feb-23	12:34	215	6.1	14.14	5.0	5.0	0	0	
2006-Feb-23	12:35	252	6.1	14.56	8.1	8.1	0	0	
2006-Feb-23	12:35	252	6.1	14.39	11.2	11.2	0	0	
2006-Feb-23	12:36	243	6.2	14.10	14.3	14.3	0	0	
2006-Feb-23	12:36	229	6.2	13.95	17.3	17.3	0	0	
2006-Feb-23	12:37	215	6.2	13.87	20.4	20.4	0	0	
2006-Feb-23	12:37	229	6.2	13.83	23.5	23.5	0	0	
2006-Feb-23	12:38	233	6.2	13.95	26.7	26.7	0	0	
2006-Feb-23	12:38	238	6.2	14.06	29.8	29.8	0	0	
2006-Feb-23	12:39	233	6.2	14.08	32.9	32.9	0	0	
2006-Feb-23	12:39	243	6.2	14.12	36.0	36.0	0	0	
2006-Feb-23	12:40	243	6.3	14.10	39.1	39.1	0	0	
2006-Feb-23	12:40	247	6.3	14.04	42.2	42.2	0	0	
2006-Feb-23	12:41	233	6.3	14.27	45.4	45.4	0	0	
2006-Feb-23	12:41	119	4.1	14.45	48.0	48.0	0	0	
2006-Feb-23	12:42	-14	4.0	13.78	50.0	50.0	0	0	
2006-Feb-23	12:42								Reset Total, Vol = 50.22 bbl
2006-Feb-23	12:42	-14	0.1	13.35	50.2	50.2	0	0	
2006-Feb-23	12:42	-14	0.0	13.36	0.0	0.0	0	0	
2006-Feb-23	12:42								Start Displacement
2006-Feb-23	12:42	-14	0.0	13.36	0.0	0.0	0	0	
2006-Feb-23	12:43	-14	2.9	9.24	0.0	0.0	0	0	
2006-Feb-23	12:43	-5	2.8	9.25	0.0	0.0	0	0	
2006-Feb-23	12:44	37	2.8	9.25	0.0	0.0	0	0	
2006-Feb-23	12:44	23	4.2	9.27	0.0	0.0	0	0	
2006-Feb-23	12:45	14	3.9	9.28	0.0	0.0	0	0	
2006-Feb-23	12:45	60	5.9	8.86	0.0	0.0	0	0	
2006-Feb-23	12:46	82	6.6	8.57	0.0	0.0	0	0	
2006-Feb-23	12:46	183	5.3	8.57	0.0	0.0	0	0	
2006-Feb-23	12:47	179	5.3	8.51	0.0	0.0	0	0	
2006-Feb-23	12:47	165	5.5	8.19	0.0	0.0	0	0	
2006-Feb-23	12:48	64	4.0	8.10	0.0	0.0	0	0	
2006-Feb-23	12:48	-9	0.0	8.37	0.0	0.0	0	0	
2006-Feb-23	12:49	69	4.9	8.38	0.8	0.8	0	0	
2006-Feb-23	12:49	64	6.0	8.38	3.6	3.6	0	0	
2006-Feb-23	12:50	87	6.6	8.37	6.8	6.8	0	0	
2006-Feb-23	12:50	92	6.7	8.37	10.1	10.1	0	0	
2006-Feb-23	12:51	96	6.7	8.37	13.4	13.4	0	0	
2006-Feb-23	12:51	96	6.7	8.37	16.8	16.8	0	0	
2006-Feb-23	12:52	96	6.7	8.37	20.2	20.2	0	0	
2006-Feb-23	12:52	96	6.7	8.37	23.5	23.5	0	0	
2006-Feb-23	12:53	60	5.5	8.37	26.5	26.5	0	0	
2006-Feb-23	12:53	60	5.5	8.37	29.2	29.2	0	0	
2006-Feb-23	12:54	60	5.5	8.37	32.0	32.0	0	0	
2006-Feb-23	12:54	60	5.5	8.37	34.7	34.7	0	0	
2006-Feb-23	12:55	60	5.5	8.37	37.5	37.5	0	0	
2006-Feb-23	12:55	60	5.4	8.37	40.2	40.2	0	0	
2006-Feb-23	12:56	60	5.5	8.38	42.9	42.9	0	0	

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Well			Field			Service Date		Customer		Job Number
HANNER A #1			HUGOTON			0654-Feb-23		OXY USA, INC.		2205550333
Date	Time	Treating Pressure	Flow Rate	Density	CMT STG VOL	CMT VOL	0	0	Message	
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl	0	0		
2006-Feb-23	12:56	60	5.5	8.38	45.7	45.7	0	0		
2006-Feb-23	12:57	60	5.5	8.37	48.4	48.4	0	0		
2006-Feb-23	12:57	60	5.5	8.37	51.2	51.2	0	0		
2006-Feb-23	12:58	60	5.7	8.37	54.0	54.0	0	0		
2006-Feb-23	12:58	64	5.6	8.37	56.8	56.8	0	0		
2006-Feb-23	12:59	60	5.7	8.37	59.6	59.6	0	0		
2006-Feb-23	12:59	64	5.7	8.37	62.5	62.5	0	0		
2006-Feb-23	13:00	64	5.7	8.37	65.3	65.3	0	0		
2006-Feb-23	13:00	64	5.6	8.37	68.1	68.1	0	0		
2006-Feb-23	13:01	64	5.7	8.37	70.9	70.9	0	0		
2006-Feb-23	13:01	64	5.7	8.36	73.8	73.8	0	0		
2006-Feb-23	13:02	64	5.6	8.36	76.6	76.6	0	0		
2006-Feb-23	13:02	64	5.7	8.36	79.4	79.4	0	0		
2006-Feb-23	13:03	64	5.7	8.36	82.2	82.2	0	0		
2006-Feb-23	13:03	60	5.6	8.36	85.0	85.0	0	0		
2006-Feb-23	13:04	64	5.6	8.36	87.8	87.8	0	0		
2006-Feb-23	13:04	64	5.7	8.36	90.8	90.8	0	0		
2006-Feb-23	13:05	64	5.7	8.36	93.6	93.6	0	0		
2006-Feb-23	13:05	64	5.7	8.36	96.4	96.4	0	0		
2006-Feb-23	13:06	64	5.7	8.36	99.3	99.3	0	0		
2006-Feb-23	13:06	64	5.7	8.36	102.1	102.1	0	0		
2006-Feb-23	13:07	64	5.7	8.36	104.9	104.9	0	0		
2006-Feb-23	13:07	64	5.7	8.36	107.8	107.8	0	0		
2006-Feb-23	13:08	105	5.4	8.36	110.6	110.6	0	0		
2006-Feb-23	13:08	165	5.4	8.36	113.3	113.3	0	0		
2006-Feb-23	13:09	220	5.4	8.36	116.0	116.0	0	0		
2006-Feb-23	13:09	261	5.4	8.36	118.7	118.7	0	0		
2006-Feb-23	13:10	330	5.4	8.36	121.3	121.3	0	0		
2006-Feb-23	13:10	385	5.4	8.36	124.0	124.0	0	0		
2006-Feb-23	13:11	426	5.4	8.36	126.7	126.7	0	0		
2006-Feb-23	13:11	481	5.4	8.36	129.4	129.4	0	0		
2006-Feb-23	13:12	522	5.4	8.36	132.1	132.1	0	0		
2006-Feb-23	13:12	577	5.4	8.36	134.8	134.8	0	0		
2006-Feb-23	13:13	641	5.4	8.36	137.5	137.5	0	0		
2006-Feb-23	13:13	682	5.4	8.36	140.2	140.2	0	0		
2006-Feb-23	13:14	746	5.5	8.36	142.9	142.9	0	0		
2006-Feb-23	13:14	797	5.4	8.36	145.6	145.6	0	0		
2006-Feb-23	13:15	838	5.4	8.36	148.4	148.4	0	0		
2006-Feb-23	13:15	732	3.1	8.36	150.7	150.7	0	0		
2006-Feb-23	13:16	778	2.5	8.36	152.0	152.0	0	0		
2006-Feb-23	13:16	810	2.5	8.36	153.3	153.3	0	0		
2006-Feb-23	13:17	838	2.5	8.36	154.6	154.6	0	0		
2006-Feb-23	13:17	1337	0.0	8.36	155.3	155.3	0	0		
2006-Feb-23	13:18	1259	0.0	8.36	155.3	155.3	0	0		
2006-Feb-23	13:18	169	0.0	8.36	155.3	155.3	0	0		
2006-Feb-23	13:19	-14	0.0	8.36	155.3	155.3	0	0		
2006-Feb-23	13:19	-14	0.0	8.36	155.3	155.3	0	0		
2006-Feb-23	13:19								Reset Total, Vol = 155.30 bbl	
2006-Feb-23	13:19	-14	0.0	8.36	0.0	0.0	0	0		
2006-Feb-23	13:19								End Displacement 152 bbl by tanks	
2006-Feb-23	13:19	-14	0.0	8.36	0.0	0.0	0	0		
2006-Feb-23	13:19								End Job	

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Well		Field			Service Date		Customer			Job Number							
HANNER A #1		HUGOTON			0654-Feb-23		OXY USA, INC.			2205550333							
Date	Time	Treating Pressure	Flow Rate	Density	CMT STG VOL	CMT VOL	0	0	Message								
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	bbbl	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						6.5		104		20		5					
Treating Pressure Summary, psi						Breakdown Fluid											
Maximum		Final		Average		Bump Plug to		Breakdown		Volume		Density					
850				200		1500						bbl		8.34 lb/gal			
Avg. N2 Percent		Designed Slurry Volume			Displacement		Mix Water Temp		<input type="checkbox"/> Cement Circulated to Surface?		Volume		bbl				
%		104 bbl			152 bbl		60 °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			
Willimon, Wes				Grigoriev, Valeriy													

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Customer OXY USA, INC.		CONSERVATION DIVISION WICHITA, KS			Job Number 2205549243												
Well HANNER A 1		Location (legal) Sec 14-T34S-R35W		Schlumberger Location Perryton, TX		Job Start 2006-Feb-12											
Field HUGOTON		Formation Name/Type		Deviation °	Bit Size 12.3 in	Well MD 1,703 ft											
County STEVENS		State/Province KANSAS		BHP psi	BHST 98 °F	BHCT °F											
Well Master: 0630763303		API / UWI: 15189225020000		Casing/Liner													
Rig Name MURFIN 20		Drilled For Gas		Service Via Land		Well TVD 1,703 ft											
Offshore Zone		Well Class New		Well Type Development		Pore Press. Gradient psi/ft											
Drilling Fluid Type		Max. Density lb/gal		Plastic Vt: cp													
Service Line Cementing		Job Type Cem Surface Casing		Perforations/Open Hole													
Max. Allowed Tubing Pressure 1500 psi		Max. Allowed Ann. Pressure psi		Wellhead Connection 8 5/8" H&SM													
Service Instructions CEMENT 8 5/8" SURFACE CASING WITH: 10 BBL FRESH WATER 575 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				Depth, ft	Size, In	Weight, lb/ft											
				Grade	Thread												
				Tubing/Drill Pipe													
				Depth, ft	Size, In	Weight, lb/ft	Grade	Thread									
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>		Casing Tools		Squeeze Job											
Lift Pressure: 440 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type:											
No. Centralizers:		Top Plugs: 1		Bottom Plugs: 0		Shoe Depth: 1705 ft											
Cement Head Type: Single		Job Scheduled For: 2006-Feb-12 15:30		Arrived on Location: 2006-Feb-12 15:30		Leave Location:											
Date		Time		Treating Pressure		Flow Rate		Density		Volume		Flowmeter Rate		Flowmeter Tot		Message	
		24 hr clock		psi		bbl/min		lb/gal		bbl		bbl/min		bbl			
2006-Feb-12		16:30												0		Start Job	
2006-Feb-12		16:30		5		0.0		8.36		0.0		0.0		0.0			
2006-Feb-12		16:31		14		0.0		8.36		0.0		1.1		0.0			
2006-Feb-12		16:31		174		0.8		8.33		0.0		0.4		0.5			
2006-Feb-12		16:32														Pressure Test Lines	
2006-Feb-12		16:32		2065		0.0		8.35		0.1		0.0		0.6			
2006-Feb-12		16:32		1973		0.0		8.35		0.1		0.0		0.6			
2006-Feb-12		16:32		1923		0.0		8.36		0.1		0.0		0.6			
2006-Feb-12		16:33		60		0.0		8.25		0.1		2.2		0.8			
2006-Feb-12		16:33		60		0.0		8.22		0.1		2.1		1.9			
2006-Feb-12		16:34		82		3.7		8.25		0.4		3.6		3.1			
2006-Feb-12		16:34		142		6.1		8.23		2.7		6.3		5.4			
2006-Feb-12		16:34														Start Pumping Spacer	
2006-Feb-12		16:34		142		6.1		8.21		3.2		6.3		5.8			
2006-Feb-12		16:35		151		6.3		8.25		6.2		6.5		9.0			
2006-Feb-12		16:35														End Spacer	
2006-Feb-12		16:35		165		6.4		8.78		9.4		6.7		12.3			
2006-Feb-12		16:35														Reset Total, Vol = 10.06 bbl	
2006-Feb-12		16:35		160		6.4		9.02		10.1		6.6		12.9			
2006-Feb-12		16:35														Start Mixing Lead Slurry	
2006-Feb-12		16:35		174		6.4		9.16		0.3		6.7		0.3			
2006-Feb-12		16:36		192		6.5		10.10		2.6		6.9		2.7			

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Well			Field		Service Date		Customer		Job Number
HANNER A #1			HUGOTON		0643-Feb-12		OXY USA, INC.		2205549243
Date	Time	Treating Pressure	Flow Rate	Density	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl/min	bbl	0	
2006-Feb-12	16:36	243	6.6	11.66	5.8	7.1	6.2	0	
2006-Feb-12	16:37	270	6.7	12.59	9.2	7.2	9.7	0	
2006-Feb-12	16:37	256	6.7	12.50	12.5	7.0	13.1	0	
2006-Feb-12	16:38	243	6.9	12.27	15.9	7.2	16.6	0	
2006-Feb-12	16:38	224	7.0	12.14	19.4	6.9	20.1	0	
2006-Feb-12	16:39	243	7.1	12.42	22.9	6.3	23.6	0	
2006-Feb-12	16:39	243	7.2	12.48	26.5	7.2	27.4	0	
2006-Feb-12	16:40	224	7.2	12.38	30.1	7.4	31.1	0	
2006-Feb-12	16:40	224	7.2	12.35	33.7	7.2	34.9	0	
2006-Feb-12	16:41	220	7.4	12.25	37.3	7.4	38.6	0	
2006-Feb-12	16:41	215	7.4	12.26	41.0	7.9	42.4	0	
2006-Feb-12	16:42	220	7.4	12.18	44.7	7.1	46.3	0	
2006-Feb-12	16:42	211	7.2	12.16	48.5	7.6	50.1	0	
2006-Feb-12	16:43	201	7.2	12.22	52.1	7.8	53.9	0	
2006-Feb-12	16:43	206	7.2	12.23	55.7	7.8	57.5	0	
2006-Feb-12	16:44	215	7.3	12.26	59.3	7.7	61.3	0	
2006-Feb-12	16:44	224	7.3	12.31	63.0	7.7	64.8	0	
2006-Feb-12	16:45	224	7.3	12.28	66.6	7.0	68.4	0	
2006-Feb-12	16:45	201	7.4	12.08	70.3	8.7	72.1	0	
2006-Feb-12	16:46	215	7.4	12.24	74.0	7.5	76.2	0	
2006-Feb-12	16:46	179	6.6	12.23	77.5	7.1	79.8	0	
2006-Feb-12	16:47	183	6.5	12.30	80.8	6.9	83.3	0	
2006-Feb-12	16:47	179	6.5	12.25	84.1	6.7	86.7	0	
2006-Feb-12	16:48	188	6.6	12.48	87.3	6.6	90.1	0	
2006-Feb-12	16:48	183	6.5	12.46	90.6	6.8	93.5	0	
2006-Feb-12	16:49	169	6.5	12.33	93.8	6.8	96.9	0	
2006-Feb-12	16:49	179	6.5	12.34	97.1	6.8	100.3	0	
2006-Feb-12	16:50	183	6.5	12.34	100.4	6.8	103.7	0	
2006-Feb-12	16:50	197	6.9	12.33	103.7	7.2	107.2	0	
2006-Feb-12	16:51	197	6.8	12.34	107.1	7.1	110.7	0	
2006-Feb-12	16:51	197	6.8	12.33	110.6	7.1	114.3	0	
2006-Feb-12	16:52	197	6.8	12.37	113.9	7.1	117.8	0	
2006-Feb-12	16:52	201	7.0	12.39	117.3	7.1	121.3	0	
2006-Feb-12	16:53	206	7.0	12.38	120.8	7.3	124.9	0	
2006-Feb-12	16:53	211	7.1	12.32	124.3	7.3	128.5	0	
2006-Feb-12	16:54	188	6.6	12.23	127.7	6.8	132.0	0	
2006-Feb-12	16:54	169	6.7	11.99	131.0	7.0	135.5	0	
2006-Feb-12	16:55	160	6.7	11.76	134.4	7.1	139.0	0	
2006-Feb-12	16:55	110	5.3	11.66	137.4	5.8	142.2	0	
2006-Feb-12	16:56	110	5.3	11.85	140.0	5.7	145.1	0	
2006-Feb-12	16:56	133	5.3	12.76	142.7	5.8	147.9	0	
2006-Feb-12	16:57	142	5.3	13.04	145.4	5.5	150.7	0	
2006-Feb-12	16:57	142	5.2	13.03	148.0	5.5	153.5	0	
2006-Feb-12	16:58	160	5.9	12.69	150.7	6.1	156.3	0	
2006-Feb-12	16:58	151	5.8	12.39	153.6	6.0	159.3	0	
2006-Feb-12	16:59	151	5.8	12.34	156.5	6.1	162.4	0	
2006-Feb-12	16:59	146	5.8	12.27	159.4	6.0	165.4	0	
2006-Feb-12	17:00	151	5.8	12.30	162.3	6.0	168.4	0	
2006-Feb-12	17:00	151	5.8	12.43	165.2	6.1	171.4	0	
2006-Feb-12	17:01	156	5.8	12.50	168.1	6.1	174.4	0	
2006-Feb-12	17:01	151	5.8	12.43	171.0	6.0	177.4	0	
2006-Feb-12	17:02	183	6.4	12.38	174.1	6.6	180.6	0	
2006-Feb-12	17:02	179	6.4	12.35	177.3	6.7	183.9	0	
2006-Feb-12	17:03	183	6.5	12.35	180.5	6.7	187.3	0	

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Well			Field		Service Date		Customer		Job Number
HANNER A #1			HUGOTON		0643-Feb-12		OXY USA, INC.		2205549243
Date	Time	Treating Pressure	Flow Rate	Density	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl/min	bbl	0	
2006-Feb-12	17:03	188	6.8	12.31	183.8	7.1	190.7	0	
2006-Feb-12	17:04	179	6.7	12.27	187.2	7.0	194.3	0	
2006-Feb-12	17:04	174	6.4	12.23	190.5	6.8	197.7	0	
2006-Feb-12	17:05	183	6.5	12.32	193.7	6.7	201.1	0	
2006-Feb-12	17:05	183	6.4	12.33	197.0	6.7	204.4	0	
2006-Feb-12	17:06	183	6.4	12.39	200.2	6.7	207.8	0	
2006-Feb-12	17:06	183	6.4	12.39	203.4	6.9	211.1	0	
2006-Feb-12	17:07	169	6.4	11.92	206.6	6.8	214.4	0	
2006-Feb-12	17:07	128	5.3	12.42	209.5	5.8	217.6	0	
2006-Feb-12	17:08	142	5.3	13.05	212.1	5.6	220.4	0	
2006-Feb-12	17:08	146	5.3	13.30	213.5	5.7	221.7	0	
2006-Feb-12	17:08								End Lead Slurry
2006-Feb-12	17:08								Reset Total, Vol = 213.72 bbl
2006-Feb-12	17:08	142	5.3	13.35	213.7	5.7	222.0	0	
2006-Feb-12	17:08	151	5.3	13.42	0.2	5.6	0.2	0	
2006-Feb-12	17:08								Start Mixing Tail Slurry
2006-Feb-12	17:08	156	5.3	13.78	1.1	5.3	1.1	0	
2006-Feb-12	17:09	201	5.8	14.86	3.7	5.7	3.9	0	
2006-Feb-12	17:09	233	6.1	15.15	6.7	6.4	7.0	0	
2006-Feb-12	17:10	224	6.1	15.05	9.8	6.2	10.1	0	
2006-Feb-12	17:10	229	6.1	14.99	12.8	6.2	13.2	0	
2006-Feb-12	17:11	224	6.1	14.94	15.8	6.4	16.4	0	
2006-Feb-12	17:11	229	6.1	14.95	18.8	6.3	19.5	0	
2006-Feb-12	17:12	238	6.2	14.91	22.0	6.5	22.8	0	
2006-Feb-12	17:12	243	6.3	14.96	25.1	6.5	26.0	0	
2006-Feb-12	17:13	247	6.4	14.97	28.3	6.6	29.3	0	
2006-Feb-12	17:13	247	6.4	14.91	31.5	6.6	32.6	0	
2006-Feb-12	17:14	238	6.4	14.85	34.7	6.7	35.9	0	
2006-Feb-12	17:14	142	4.5	15.40	37.4	4.8	38.8	0	
2006-Feb-12	17:15	146	4.5	15.19	39.6	4.8	41.2	0	
2006-Feb-12	17:15	-5	0.0	15.03	41.6	4.0	43.5	0	
2006-Feb-12	17:15	9	0.0	14.92	41.6	0.7	43.7	0	
2006-Feb-12	17:15								End Tail Slurry
2006-Feb-12	17:15								Reset Total, Vol = 41.64 bbl
2006-Feb-12	17:15	0	0.0	14.91	41.6	0.2	43.7	0	
2006-Feb-12	17:16	0	0.0	14.92	0.0	0.0	0.0	0	
2006-Feb-12	17:16	0	0.0	12.21	0.0	0.0	0.0	0	
2006-Feb-12	17:17	0	0.0	10.73	0.0	0.0	0.0	0	
2006-Feb-12	17:17	0	0.0	10.27	0.0	0.0	0.0	0	
2006-Feb-12	17:18	0	0.0	10.05	0.0	0.0	0.0	0	
2006-Feb-12	17:18	87	0.0	9.34	0.0	2.1	0.1	0	
2006-Feb-12	17:19	78	4.5	9.01	1.9	5.3	2.4	0	
2006-Feb-12	17:19	78	4.5	8.94	4.1	5.3	5.1	0	
2006-Feb-12	17:20	64	5.3	8.38	6.5	5.7	7.8	0	
2006-Feb-12	17:20	78	6.0	8.47	9.3	6.0	10.6	0	
2006-Feb-12	17:21	64	6.1	8.51	12.3	6.4	13.8	0	
2006-Feb-12	17:21	60	6.1	8.37	15.3	6.3	16.9	0	
2006-Feb-12	17:22	64	6.1	8.37	18.4	6.4	20.1	0	
2006-Feb-12	17:22								Drop Top Plug
2006-Feb-12	17:22	64	6.2	8.40	19.7	6.4	21.5	0	
2006-Feb-12	17:22								Start Displacement
2006-Feb-12	17:22	69	6.2	8.40	19.8	6.4	21.6	0	
2006-Feb-12	17:22	73	6.2	8.40	21.5	6.4	23.3	0	
2006-Feb-12	17:23	73	6.2	8.37	24.6	6.4	26.5	0	

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Well		Field			Service Date		Customer		Job Number	
HANNER A #1		HUGOTON			0643-Feb-12		OXY USA, INC.		2205549243	
Date	Time	Treating Pressure	Flow Rate	Density	Volume	Flowmeter Rate	Flowmeter Tot	0	Message	
	24 hr clock	psi	bbl/mln	lb/gal	bbl	bbl/min	bbl	0		
2006-Feb-12	17:23	87	6.2	8.37	27.7	6.4	29.7	0		
2006-Feb-12	17:24	105	6.2	8.38	30.8	6.4	32.9	0		
2006-Feb-12	17:24	119	6.3	8.37	33.9	6.4	36.1	0		
2006-Feb-12	17:25	133	6.3	8.37	37.1	6.4	39.3	0		
2006-Feb-12	17:25	146	6.3	8.37	40.2	6.4	42.5	0		
2006-Feb-12	17:26	169	6.3	8.39	43.3	6.4	45.7	0		
2006-Feb-12	17:26	174	6.3	8.37	46.5	6.4	48.9	0		
2006-Feb-12	17:27	188	6.4	8.37	49.7	6.5	52.2	0		
2006-Feb-12	17:27	87	2.7	8.38	51.4	2.9	54.1	0		
2006-Feb-12	17:28	105	2.7	8.28	52.7	2.9	55.5	0		
2006-Feb-12	17:28	114	2.7	8.38	54.1	2.8	56.9	0		
2006-Feb-12	17:29	110	2.7	8.37	55.4	2.8	58.3	0		
2006-Feb-12	17:29	146	2.7	8.37	56.7	2.8	59.7	0		
2006-Feb-12	17:30	110	2.7	8.37	58.1	2.8	61.1	0		
2006-Feb-12	17:30	137	2.7	8.37	59.4	2.8	62.5	0		
2006-Feb-12	17:31	169	2.7	8.37	60.7	2.8	63.9	0		
2006-Feb-12	17:31	165	2.7	8.37	62.1	2.8	65.2	0		
2006-Feb-12	17:32	179	2.7	8.28	63.4	2.8	66.6	0		
2006-Feb-12	17:32	165	2.7	8.24	64.8	2.9	68.1	0		
2006-Feb-12	17:33	183	2.7	8.37	66.1	2.7	69.5	0		
2006-Feb-12	17:33	201	2.7	8.37	67.4	2.7	70.8	0		
2006-Feb-12	17:34	215	2.7	8.37	68.8	2.7	72.2	0		
2006-Feb-12	17:34	215	2.7	8.37	70.1	2.8	73.6	0		
2006-Feb-12	17:35	229	2.7	8.37	71.4	2.7	75.0	0		
2006-Feb-12	17:35	243	2.7	8.37	72.8	2.7	76.3	0		
2006-Feb-12	17:36	256	2.7	8.37	74.1	2.7	77.7	0		
2006-Feb-12	17:36	256	2.7	8.37	75.4	2.7	79.1	0		
2006-Feb-12	17:37	256	2.7	8.37	76.8	2.7	80.4	0		
2006-Feb-12	17:37	284	2.7	8.37	78.1	2.7	81.8	0		
2006-Feb-12	17:38	311	2.7	8.37	79.4	2.7	83.2	0		
2006-Feb-12	17:38	288	2.7	8.37	80.8	2.7	84.5	0		
2006-Feb-12	17:39	330	2.7	8.37	82.1	2.7	85.9	0		
2006-Feb-12	17:39	302	2.7	8.36	83.4	2.7	87.2	0		
2006-Feb-12	17:40	352	2.7	8.37	84.7	2.7	88.6	0		
2006-Feb-12	17:40	339	2.7	8.36	86.1	2.7	90.1	0		
2006-Feb-12	17:41	352	2.7	8.37	87.4	2.7	91.4	0		
2006-Feb-12	17:41	380	2.7	8.36	88.7	2.7	92.8	0		
2006-Feb-12	17:42	366	2.7	8.36	90.1	2.7	94.2	0		
2006-Feb-12	17:42	362	2.7	8.36	91.4	2.7	95.5	0		
2006-Feb-12	17:43	394	2.7	8.36	92.7	2.7	96.9	0		
2006-Feb-12	17:43	421	2.7	8.36	94.0	2.7	98.2	0		
2006-Feb-12	17:44	430	2.6	8.36	95.4	2.7	99.6	0		
2006-Feb-12	17:44	439	2.6	8.36	96.7	2.7	100.9	0		
2006-Feb-12	17:45	453	2.6	8.36	98.0	2.7	102.3	0		
2006-Feb-12	17:45	444	2.6	8.36	99.3	2.7	103.6	0		
2006-Feb-12	17:46	426	2.1	8.36	100.6	2.2	105.0	0		
2006-Feb-12	17:46	430	2.0	8.36	101.6	2.0	106.0	0		
2006-Feb-12	17:47	439	2.0	8.36	102.6	2.0	107.0	0		
2006-Feb-12	17:47	943	0.0	8.36	103.2	0.0	107.7	0		
2006-Feb-12	17:48	938	0.0	8.36	103.2	0.0	107.7	0		
2006-Feb-12	17:48								Bump Top Plug	
2006-Feb-12	17:48								End Displacement	
2006-Feb-12	17:48								Reset Total, Vol = 103.19 bbl	
2006-Feb-12	17:48	938	0.0	8.36	0.0	0.0	0.0	0		

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Well			Field		Service Date		Customer		Job Number
HANNER A #1			HUGOTON		0643-Feb-12		OXY USA, INC.		2205549243
Date	Time	Treating Pressure	Flow Rate	Density	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl/min	bbl	0	
2006-Feb-12	17:49	5	0.0	8.36	0.0	0.0	0.0	0	
2006-Feb-12	17:49	9	0.0	8.36	0.0	0.0	0.0	0	
2006-Feb-12	17:50								No cement to surface
2006-Feb-12	17:50								End Job
2006-Feb-12	17:50								Stopped Acquisition
2006-Feb-13	4:02								Started Acquisition
2006-Feb-13	4:51								Reset Total, Vol = 10.17 bbl
2006-Feb-13	4:53	0	0.0	8.36	0.0	0.0	0.0	0	
2006-Feb-13	4:53								Start topout
2006-Feb-13	4:53	46	0.0	8.36	0.0	0.0	0.0	0	
2006-Feb-13	4:53	60	0.0	8.25	0.0	3.1	0.7	0	
2006-Feb-13	4:54	64	0.0	8.25	0.0	2.0	1.9	0	
2006-Feb-13	4:54	69	2.4	8.22	0.8	2.3	2.9	0	
2006-Feb-13	4:55	174	2.6	8.18	2.1	2.8	4.2	0	
2006-Feb-13	4:55								Reset Total, Vol = 3.32 bbl
2006-Feb-13	4:55	151	2.6	9.05	3.3	2.8	5.5	0	
2006-Feb-13	4:55	146	2.6	9.12	0.1	2.8	0.1	0	
2006-Feb-13	4:55	160	2.6	9.15	0.1	2.8	0.1	0	
2006-Feb-13	4:55								Start Cement Slurry
2006-Feb-13	4:56	146	2.6	9.96	1.4	2.8	1.5	0	
2006-Feb-13	4:56	169	2.7	11.80	2.7	3.0	2.9	0	
2006-Feb-13	4:57	146	2.6	13.80	4.0	2.8	4.4	0	
2006-Feb-13	4:57	146	2.6	15.21	5.3	2.7	5.7	0	
2006-Feb-13	4:58	142	2.6	15.41	6.6	2.8	7.1	0	
2006-Feb-13	4:58	146	2.7	15.04	8.0	2.8	8.5	0	
2006-Feb-13	4:59	156	2.7	14.88	9.3	2.7	9.9	0	
2006-Feb-13	4:59	105	2.7	14.73	10.7	2.8	11.2	0	
2006-Feb-13	5:00	105	2.8	14.97	12.0	2.8	12.6	0	
2006-Feb-13	5:00	124	2.8	15.14	13.4	2.9	14.1	0	
2006-Feb-13	5:01	101	2.8	15.34	14.8	2.8	15.5	0	
2006-Feb-13	5:01	105	2.8	15.32	16.2	2.8	16.9	0	
2006-Feb-13	5:02	114	2.8	15.01	17.6	2.8	18.3	0	
2006-Feb-13	5:02	110	2.8	14.94	19.1	2.7	19.7	0	
2006-Feb-13	5:03	160	2.8	14.89	20.5	2.6	21.0	0	
2006-Feb-13	5:03	229	2.8	14.91	21.9	3.0	22.4	0	
2006-Feb-13	5:04	215	2.8	14.96	23.3	2.9	23.9	0	
2006-Feb-13	5:04	233	2.8	14.99	24.7	2.9	25.3	0	
2006-Feb-13	5:05	247	2.8	14.97	26.1	2.9	26.8	0	
2006-Feb-13	5:05	238	2.8	14.97	27.5	2.9	28.3	0	
2006-Feb-13	5:06	279	2.8	14.94	29.0	3.0	29.8	0	
2006-Feb-13	5:06	298	2.9	14.81	30.4	3.0	31.2	0	
2006-Feb-13	5:07	288	2.8	14.93	31.8	3.0	32.7	0	
2006-Feb-13	5:07	311	2.9	15.19	33.3	3.0	34.3	0	
2006-Feb-13	5:08	302	2.9	15.24	34.7	3.1	35.8	0	
2006-Feb-13	5:08	316	2.9	15.13	36.2	3.0	37.3	0	
2006-Feb-13	5:09	316	3.0	15.38	37.7	3.1	38.8	0	
2006-Feb-13	5:09	298	2.9	14.90	39.1	3.0	40.3	0	
2006-Feb-13	5:10	307	2.9	15.20	40.6	3.0	41.8	0	
2006-Feb-13	5:10	320	3.0	15.25	42.0	3.0	43.3	0	
2006-Feb-13	5:11	302	3.0	15.15	43.5	3.0	44.9	0	
2006-Feb-13	5:11	307	2.9	15.06	45.0	3.1	46.4	0	
2006-Feb-13	5:12	302	2.9	14.97	46.4	3.0	47.9	0	
2006-Feb-13	5:12	311	3.0	14.94	47.9	3.0	49.4	0	
2006-Feb-13	5:13	316	3.0	14.91	49.4	3.1	51.0	0	

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Well		Field			Service Date		Customer		Job Number
HANNER A #1		HUGOTON			0643-Feb-12		OXY USA, INC.		2205549243
Date	Time	Treating Pressure	Flow Rate	Density	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl/min	bbl	0	
2006-Feb-13	5:13	307	2.9	14.96	50.9	3.1	52.5	0	
2006-Feb-13	5:14	330	3.0	15.00	52.4	3.1	54.1	0	
2006-Feb-13	5:14	320	2.9	15.03	53.8	3.1	55.6	0	
2006-Feb-13	5:15	320	2.9	15.04	55.3	3.0	57.1	0	
2006-Feb-13	5:15	325	2.9	15.03	56.8	3.1	58.7	0	
2006-Feb-13	5:16	302	3.0	15.05	58.2	3.1	60.2	0	
2006-Feb-13	5:16	316	2.9	14.93	59.7	3.1	61.7	0	
2006-Feb-13	5:17	302	2.9	14.87	61.2	3.0	63.2	0	
2006-Feb-13	5:17	316	2.9	14.76	62.7	3.0	64.8	0	
2006-Feb-13	5:18	316	3.0	14.72	64.1	3.1	66.3	0	
2006-Feb-13	5:18	320	2.9	14.72	65.6	3.1	67.8	0	
2006-Feb-13	5:19	334	3.0	14.87	67.1	3.1	69.4	0	
2006-Feb-13	5:19	334	3.0	14.96	68.6	3.1	71.0	0	
2006-Feb-13	5:20	334	3.0	15.00	70.1	3.2	72.5	0	
2006-Feb-13	5:20	334	3.0	15.11	71.6	3.1	74.1	0	
2006-Feb-13	5:21	330	3.0	15.19	73.1	3.1	75.7	0	
2006-Feb-13	5:21	339	3.1	15.12	74.6	3.1	77.2	0	
2006-Feb-13	5:22	334	3.1	15.23	76.2	3.1	78.8	0	
2006-Feb-13	5:22	330	3.0	15.03	77.7	3.2	80.4	0	
2006-Feb-13	5:23	330	3.0	15.06	79.2	3.2	82.0	0	
2006-Feb-13	5:23	316	3.0	15.07	80.7	3.2	83.6	0	
2006-Feb-13	5:23	0	0.0	14.34	81.2	0.7	84.2	0	
2006-Feb-13	5:23								End Cement Slurry
2006-Feb-13	5:23								Reset Total, Vol = 81.18 bbl
2006-Feb-13	5:23	0	0.0	13.49	81.2	0.3	84.2	0	
2006-Feb-13	5:24	-5	0.0	1.71	0.0	0.0	0.2	0	
2006-Feb-13	5:24	-9	0.0	13.86	0.0	0.0	0.2	0	
2006-Feb-13	5:24								Start Displacement
2006-Feb-13	5:24	69	0.0	12.38	0.0	0.0	0.2	0	
2006-Feb-13	5:25	311	3.3	8.77	0.8	3.2	1.1	0	
2006-Feb-13	5:25	243	2.9	8.79	2.3	3.0	2.6	0	
2006-Feb-13	5:26	256	2.9	8.79	3.7	3.0	4.1	0	
2006-Feb-13	5:26	261	2.9	8.74	5.1	3.0	5.6	0	
2006-Feb-13	5:27	293	2.9	8.45	6.6	3.0	7.1	0	
2006-Feb-13	5:27	302	2.9	8.42	8.0	2.9	8.6	0	
2006-Feb-13	5:28	311	2.9	8.43	9.5	3.0	10.1	0	
2006-Feb-13	5:28	320	2.9	8.37	10.9	3.0	11.6	0	
2006-Feb-13	5:29	343	2.9	8.39	12.4	2.9	13.1	0	
2006-Feb-13	5:29	334	2.9	8.39	13.8	3.0	14.6	0	
2006-Feb-13	5:29	60	0.0	8.39	14.0	0.0	14.9	0	
2006-Feb-13	5:29								End Displacement
2006-Feb-13	5:29								Reset Total, Vol = 14.03 bbl
2006-Feb-13	5:29	60	0.0	8.39	0.0	0.0	0.0	0	
2006-Feb-13	5:30	55	0.0	8.39	0.0	0.0	0.0	0	
2006-Feb-13	5:31	-5	0.0	8.39	0.0	0.0	0.0	0	
2006-Feb-13	5:32	-9	0.0	8.39	0.0	0.0	0.0	0	
2006-Feb-13	5:35								End Job
2006-Feb-13	5:35	-9	0.0	8.39	0.0	0.0	0.0	0	

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Well HANNER A #1		Field HUGOTON		Service Date 0643-Feb-12		Customer OXY USA, INC.		Job Number 2205549243	
Date	Time 24 hr clock	Treating Pressure psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	Flowmeter Rate bbl/min	Flowmeter Tot bbl	0	Message
								0	
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
5			6.5	353	0	10			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
			940				bbl	lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 270 bbl	Displacement 105.7 bbl	Mix Water Temp °F	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume 15 bbl				
				<input type="checkbox"/> Washed Thru Perfs	To ft				
Customer or Authorized Representative Burnham, Matt			Schlumberger Supervisor Ahrends, Timothy			<input type="checkbox"/> CirculationLost <input checked="" type="checkbox"/> Job Completed			

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CONSERVATION DIVISION
WICHITA, KS

Date	02/12/06
Company	OXY
Job Number	2205549243
Well Name	Hanner
Well Number	A 1
County	Stevens
State	KS

Pipe Size	8 5/8	
Pipe Weight	24	24
Pipe Depth	1705	
Shoe Length	45	
Insert Depth	1660	
Hole Size	12 1/4	
Hole Depth	1703	

1st System	
575 sacks	C
2.18 yield	D132,D20,S1,D29
12.2 weight	
12.4 water	170
cubic ft.	1254
height	3037
bbls	223

234	Pipe Volume	109
	Annular Volume	125
	Total Cement	270
	Total Water	305

Pipe Factor	0.0637	0.0637
Annular Factor	0.0735	
Height Factor	2.4231	

2nd System	
195 sacks	C
1.34 yield	S1,D29
14.8 weight	
6.3 water	29
cubic ft.	261
height	633
bbls	46.5

Casing lift 700
Cement lift 405

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

Test 2000

0 Mud

10 Spacer

223 Lead **12.2**

47 Tail **14.8**

105.7 Displacement

1000 Maximum Pressure

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

Pump time @ 6 BPM

63 MIN

KCC - Anything below 200ft
perf/circulate
Above 200ft. top off