

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

Form ACO-1

September 1999

Form Must Be Typed

CONFIDENTIAL

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: P&A
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200

API No. 15 - 081-21496-0000
County: Haskell
C - NW - SW Sec 19 Twp. 27 S. R. 34W
2038 feet from (S) N (circle one) Line of Section
660 feet from E (W) (circle one) Line of Section

Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: Tom Heflin

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

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Ab.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl, Cathodic, etc)

Lease Name: Goff A Well #: 2
Field Name: _____
Producing Formation: Dry Hole

If Workover/Re-entry: Old Well Info as follows:
Operator: OXY USA, Inc.

Elevation: Ground: 3052 Kelly Bushing: 3063
Total Depth: 5660 Plug Back Total Depth: _____

Well Name: _____

Amount of Surface Pipe Set and Cemented at 1900 feet
Multiple Stage Cementing Collar Used? Yes No

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. _____
09/25/03 10/03/03 10/04/03

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

Spud Date or Recompletion Date _____ Date Reached TD _____ Completion Date or Recompletion Date _____

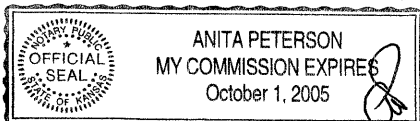
Drilling Fluid Management ALT I WITHM 12-28-06 Plan
(Data must be collected from the Reserve Pit)
Chloride content 1000 ppm Fluid volume 1500 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ 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 January 12, 2004
Subscribed and sworn to before me this 12th day of Jan
20 04
Notary Public: Anita Peterson
Date Commission Expires: Oct. 1, 2005

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



X

Operator Name: OXY USA Inc. Lease Name: Goff A Well #: 2
 Sec. 19 Twp. 27 S. R. 34W 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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	3990	-927
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	4035	-972
List All E. Logs Run:	Sonic Microlog	Marmaton	4677	-1614
Neutron Induction Geological Report		Cherokee	4809	-1746
		Atoka	5060	-1997
		Morrow	5125	-2062
		Chester	5372	-2309
		St. Genevieve	5475	-2412
		St. Louis	5554	-2491

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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	1900	C	600	Panhandle Lite + Additive See Attached for Additive
Production					C		

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
	3100' w/100 sxs cmt		
	1930' w/50 sxs cmt		
	850' w/40 sxs cmt		
	40' w/10 sxs cmt		

TUBING RECORD	Size NA	Set At NA	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. NA	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) <i>Dry Hole</i>
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Estimated Production Per 24 Hours	Oil BBLs NA	Gas Mcf NA	Water Bbls NA	Gas-Oil Ratio	Gravity
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Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) P&A

Production Interval _____

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ORIGINAL



FIELD ORDER

7139

INVOICE NO.
Date 10-4-03
Customer ID

Subject to Correction		Well # B-2	Legal 18-22-34
Lease BERGER	County GRANT	State KS.	Station PRATT, KS.
Depth	Formation	Shoe Joint	
Casing	Casing Depth	TD 5654	Job Type PTA-NW
Customer Representative R. FARR		Treater K. GORDLEY	

CHARGE

OXY USA

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Materials Received by x Kelly Wilson

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D203	225 SK.	60/40 POZ CEMENT ✓				
E320	776 lb.	CEMENT GEL ✓				
				KCC		
				JAN 17		
				KCC		
				JAN 12 2004		
				CONFIDENTIAL		
				CONFIDENTIAL		
				KCC		
				JAN 12 2004		
				CONFIDENTIAL		
E107	225 SK.	CEMENT SERV. CHARGE				
E100	65 mile	UNITS MILES				
E104	631 TM	TONS MILES				
R307	1 EA.	EA. PUMP CHARGE				
		DISC. PRICE =		3668.55		

10244 NE Hiway 61 - P.O. Box 8613 - Pratt, KS 67124-8613 - Phone (620) 672-1201 - Fax (620) 672-5383 TOTAL

TREATMENT REPORT



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Customer ID	Date
Customer OXY USA	10-4-03
Lease BERGER	Lease No. Well # B-2
Field Order # 2139	Station PRATT KS.
Type Job PTA-NW	Casing Depth TD-5654'
Formation TD-5654'	County GRANT
Legal Description 18-22-34	State KS.

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	13.2 ppq	Acid	225 SL 6% GEL	RATE	PRESS	ISIP
Depth	Depth	From	To 1.6343	Pre-Pad	6% GEL	Max		5 Min.
Volume	Volume	From	To 8.3420	Pad	KCC	Min		10 Min.
Max Press	Max Press	From	To	Frac	JAN 12 2004	Avg		15 Min.
Well Connection	Annulus Vol.	From	To	Flush	CONFIDENTIAL	HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To			Gas Volume		Total Load

Customer Representative R. FARR	Station Manager D. HENRY	Treater K. GORDLEY		
Service Units	107	26	38	20

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0930					ON LOCATION
1045					1 st PLUG AT 3100' w/100 SL CEMENT BREAK CORE.
			10	5	PUMP 10 bbl H ₂ O
			29	5	PUMP 100 SL CEMENT
			3	5	PUMP 3 bbl H ₂ O
			33	5	PUMP 33 bbl MUD
1145					2 nd PLUG AT 1930' w/50 SL CEMENT BREAK CORE
			10	5	PUMP 10 bbl H ₂ O
			14 1/2	5	PUMP 50 SL CEMENT
			3	5	PUMP 3 bbl H ₂ O
			20	5	PUMP 20 bbl MUD
1230					3 rd PLUG AT 850' w/40 SL CEMENT BREAK CORE
			10	5	PUMP 10 bbl H ₂ O
			11 1/2	5	PUMP 40 SL CEMENT
			3	5	PUMP 3 bbl H ₂ O

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TREATMENT REPORT



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Field Order # 7139	Station PRATT, KS	Casing	Depth	County GRANT	State KS
Type Job PTA-NW	Formation TD-5654	Legal Description 18-22-34			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	KCC	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	JAN 12 2004	Max		5 Min.
Volume	Volume	From	To	Pad		Min		10 Min.
Max Press	Max Press	From	To	Frac	CONFIDENTIAL	Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative R. FARR Station Manager D. ADIRY Treater K. GORDLEY

Service Units	107	26	38	20				
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Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
			6	5	PUMP 6 bbl MUD
					4 th PLUG AT 40' w/ 10 SK. CEMENT
					BREAK CELL
1330			3	2	PUMP 10 SK. CEMENT
					CELL. CEMENT IN CELLAR
			4 1/2	2	PLUG RAT HOLE - 15 SK. CEMENT
			3	2	PLUG MOUSE HOLE - 10 SK. CEMENT
					USED 275 SK. 6 3/4 POZ 6% GE
					TO PLUG WELL
1400					JOB COMPLETE
					THANKS - KEVIN

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Schlumberger

Cementing Service Report

ORIGINAL

Customer OXY USA, INC.	KCC	Job Number 2205543695
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Well GOFF A-2		Location (legal) Perryton, TX		Schlumberger Location Perryton, TX		Job Start 2003-Sep-26			
Field		Formation Name/Type		Well MD 1,900 ft		Well TVD 1,900 ft			
County Haskell		State/Province KS		BHP psi		BHST °F			
Well Master: 0630484354		API / UWI:		Casing/Liner					
Rig Name		Drilled For Oil & Gas		Service Via Land		Depth, ft 1900			
Offshore Zone		Well Class New		Well Type Development		Size, in 8.63			
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cp		Weight, lb/ft 24			
Service Line Cementing		Job Type Cem Surface Casing		Perforations/Open Hole					
Max. Allowed Tubing Pressure 1000 psi		Max. Allowed Ann. Pressure psi		Wellhead Connection 8 5/8 HS&M		Top, ft			
Service Instructions CEMENT 8 5/8 IN SURFACE CASING WITH: LEAD: 450 SKS PANHANDLE LITE + 0.2% D46 + 0.25 PPS D29 TAIL: 150 SKS CLASS C+2%S1+0.25 PPS D29		Bottom, ft		spf		No. of Shots			
		Total Interval ft		Diameter in		Treat Down Casing			
		Packer Depth ft		Displacement 118.3 bbl		Packer Type		Open Hole Vol bbl	
		Annular Vol. 140 bbl		Casing Vol. 121 bbl		Tubing Vol. bbl		Total Interval ft	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>		Casing Tools		Squeeze Job			
Lift Pressure: 500 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Guide			
No. Centralizers:		Top Plugs: 1		Bottom Plugs:		Shoe Depth: 1900 ft			
Cement Head Type: Single		Job Scheduled For: 9/26/2003 17:30		Arrived on Location: 2003-Sep-26 18:10		Leave Location: 2003-Sep-26			
Stage Tool Type:		Stage Tool Depth: ft		Collar Type: Auto-Fill		Tail Pipe Size: in			
Collar Depth: 1857 ft		Squeeze Type:		Tail Pipe Depth: ft		Sqz Total Vol: bbl			
Date	Time	Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	
2003-Sep-26	19:08	0	-0.02	0.0	0.0	0	0	0	
2003-Sep-26	19:08	0	-0.02	0.0	0.0	0	0	0	
2003-Sep-26	19:09	0	-0.02	0.0	0.0	0	0	0	
2003-Sep-26	19:09								Pressure Test Lines
2003-Sep-26	19:09	0	-0.02	0.0	0.0	0	0	0	
2003-Sep-26	19:09	-5	-0.02	0.0	0.0	0	0	0	
2003-Sep-26	19:10	0	-0.02	0.0	0.0	0	0	0	
2003-Sep-26	19:10	5	-0.02	1.6	0.1	0	0	0	
2003-Sep-26	19:11	2129	-0.02	0.0	0.4	0	0	0	
2003-Sep-26	19:11	1936	1.47	0.0	0.4	0	0	0	
2003-Sep-26	19:12	1895	-0.02	0.0	0.4	0	0	0	
2003-Sep-26	19:12	5	-0.02	0.0	0.4	0	0	0	
2003-Sep-26	19:13	5	-0.02	0.0	0.4	0	0	0	
2003-Sep-26	19:13	5	-0.02	0.0	0.4	0	0	0	
2003-Sep-26	19:14	5	-0.02	0.0	0.4	0	0	0	
2003-Sep-26	19:14	5	0.06	0.0	0.4	0	0	0	
2003-Sep-26	19:15	14	1.06	0.9	0.4	0	0	0	
2003-Sep-26	19:15	41	7.88	2.5	1.8	0	0	0	
2003-Sep-26	19:16	133	8.38	5.7	4.1	0	0	0	
2003-Sep-26	19:16	142	8.38	5.7	7.0	0	0	0	
2003-Sep-26	19:17	151	8.38	5.7	9.8	0	0	0	
2003-Sep-26	19:17								Reset Total, Vol = 11.74 bbl

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Well		Field			Service Date		Customer			Job Number
GOFF #A-2					03269-Sep-26		OXY USA, INC.			2205543683
Date	Time	Pressure	Density	Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0		
2003-Sep-26	19:17	151	8.38	5.7	11.7	0	0	0		
2003-Sep-26	19:17								Start Mixing Lead Slurry	
2003-Sep-26	19:17	156	8.38	5.7	0.3	0	0	0		
2003-Sep-26	19:17	151	8.40	5.7	1.0	0	0	0		
2003-Sep-26	19:18	165	9.28	5.7	3.9	0	0	0		
2003-Sep-26	19:18	188	10.26	5.7	6.8	0	0	0		
2003-Sep-26	19:19	201	10.67	5.7	9.6	0	0	0		
2003-Sep-26	19:19	220	11.67	5.8	12.5	0	0	0		
2003-Sep-26	19:20	188	10.76	5.7	15.3	0	0	0		
2003-Sep-26	19:20	174	11.06	5.7	18.2	0	0	0		
2003-Sep-26	19:21	192	11.18	5.7	21.1	0	0	0		
2003-Sep-26	19:21	220	11.64	5.7	23.9	0	0	0		
2003-Sep-26	19:22	183	11.14	5.7	26.8	0	0	0		
2003-Sep-26	19:22	211	12.39	5.7	29.6	0	0	0		
2003-Sep-26	19:23	179	11.62	5.7	32.5	0	0	0		
2003-Sep-26	19:23	201	11.98	5.7	35.3	0	0	0		
2003-Sep-26	19:24	188	12.17	5.7	38.2	0	0	0		
2003-Sep-26	19:24	179	12.35	5.7	41.1	0	0	0		
2003-Sep-26	19:25	174	11.73	5.7	43.9	0	0	0		
2003-Sep-26	19:25	160	11.46	5.7	46.8	0	0	0		
2003-Sep-26	19:26	165	12.03	5.7	49.6	0	0	0		
2003-Sep-26	19:26	160	11.85	5.7	52.5	0	0	0		
2003-Sep-26	19:27	146	11.42	5.7	55.3	0	0	0		
2003-Sep-26	19:27	156	11.76	5.7	58.2	0	0	0		
2003-Sep-26	19:28	160	11.66	5.7	61.1	0	0	0		
2003-Sep-26	19:28	146	11.53	5.7	64.0	0	0	0		
2003-Sep-26	19:29	142	11.55	5.7	66.9	0	0	0		
2003-Sep-26	19:29	156	11.91	5.7	69.7	0	0	0		
2003-Sep-26	19:30	156	11.72	5.7	72.6	0	0	0		
2003-Sep-26	19:30	156	11.79	5.7	75.4	0	0	0		
2003-Sep-26	19:31	146	11.49	5.7	78.3	0	0	0		
2003-Sep-26	19:31	151	11.55	5.7	81.2	0	0	0		
2003-Sep-26	19:32	151	11.58	5.7	84.0	0	0	0		
2003-Sep-26	19:32	156	11.58	5.7	86.9	0	0	0		
2003-Sep-26	19:33	146	11.43	5.7	89.7	0	0	0		
2003-Sep-26	19:33	146	11.50	5.7	92.6	0	0	0		
2003-Sep-26	19:34	137	10.91	5.7	95.5	0	0	0		
2003-Sep-26	19:34	160	12.14	5.7	98.3	0	0	0		
2003-Sep-26	19:35	160	11.76	5.7	101.2	0	0	0		
2003-Sep-26	19:35	160	11.92	5.7	104.0	0	0	0		
2003-Sep-26	19:36	151	11.92	5.7	106.9	0	0	0		
2003-Sep-26	19:36	133	10.78	5.7	109.7	0	0	0		
2003-Sep-26	19:37	146	11.33	5.7	112.6	0	0	0		
2003-Sep-26	19:37	151	11.72	5.7	115.5	0	0	0		
2003-Sep-26	19:38	146	11.47	5.7	118.3	0	0	0		
2003-Sep-26	19:38	146	11.64	5.7	121.2	0	0	0		
2003-Sep-26	19:39	160	11.77	5.7	124.0	0	0	0		
2003-Sep-26	19:39	146	11.46	5.7	127.0	0	0	0		
2003-Sep-26	19:40	156	11.82	5.7	129.8	0	0	0		
2003-Sep-26	19:40	151	11.55	5.7	132.7	0	0	0		
2003-Sep-26	19:41	146	11.35	5.7	135.5	0	0	0		
2003-Sep-26	19:41	146	11.47	5.7	138.4	0	0	0		
2003-Sep-26	19:42	146	11.50	5.7	141.3	0	0	0		
2003-Sep-26	19:42	142	11.38	5.7	144.1	0	0	0		

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Well		Field				Service Date		Customer			Job Number
GOFF #A-2						03269-Sep-26		OXY USA, INC.			2205543693
Date	Time	Pressure	Density	Rate	Volume	0	0	0	Message		
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0			
2003-Sep-26	19:43	142	11.31	5.7	147.0	0	0	0	KCC		
2003-Sep-26	19:43	146	11.31	5.7	149.8	0	0	0			
2003-Sep-26	19:44	151	11.43	5.7	152.7	0	0	0	JAN 12 2004		
2003-Sep-26	19:44	142	11.37	5.7	155.5	0	0	0			
2003-Sep-26	19:45	160	11.89	5.7	158.4	0	0	0	CONFIDENTIAL		
2003-Sep-26	19:45	156	11.68	5.7	161.3	0	0	0			
2003-Sep-26	19:46	156	11.82	5.7	164.1	0	0	0			
2003-Sep-26	19:46	151	11.53	5.7	167.0	0	0	0			
2003-Sep-26	19:47	146	11.57	5.7	169.8	0	0	0			
2003-Sep-26	19:47	142	11.35	5.7	172.7	0	0	0			
2003-Sep-26	19:48	156	11.52	5.7	175.6	0	0	0			
2003-Sep-26	19:48	151	11.47	5.7	178.4	0	0	0			
2003-Sep-26	19:49	146	11.51	5.8	181.3	0	0	0			
2003-Sep-26	19:49	156	11.92	5.7	184.1	0	0	0			
2003-Sep-26	19:50	146	11.21	5.7	187.1	0	0	0			
2003-Sep-26	19:50	146	11.33	5.7	189.9	0	0	0			
2003-Sep-26	19:51	142	11.38	5.7	192.8	0	0	0			
2003-Sep-26	19:51	146	11.43	5.7	195.7	0	0	0			
2003-Sep-26	19:52	156	11.45	5.7	198.5	0	0	0			
2003-Sep-26	19:52	146	11.43	5.7	201.4	0	0	0			
2003-Sep-26	19:53	156	11.45	5.7	204.2	0	0	0			
2003-Sep-26	19:53	151	11.50	5.7	207.1	0	0	0			
2003-Sep-26	19:54	151	11.44	5.7	209.9	0	0	0			
2003-Sep-26	19:54	146	11.39	5.7	212.8	0	0	0			
2003-Sep-26	19:55	142	11.09	5.7	215.7	0	0	0			
2003-Sep-26	19:55	142	11.70	5.7	218.5	0	0	0			
2003-Sep-26	19:56	142	11.82	5.7	221.4	0	0	0			
2003-Sep-26	19:56	146	11.39	5.7	224.2	0	0	0			
2003-Sep-26	19:57	137	11.47	5.7	227.1	0	0	0			
2003-Sep-26	19:57	133	11.36	5.7	229.9	0	0	0			
2003-Sep-26	19:58	142	11.64	5.7	232.8	0	0	0			
2003-Sep-26	19:58	156	12.02	5.7	235.7	0	0	0			
2003-Sep-26	19:59	192	13.88	5.7	238.5	0	0	0			
2003-Sep-26	19:59								Reset Total, Vol = 239.37 bbl		
2003-Sep-26	19:59	211	14.17	5.7	239.4	0	0	0			
2003-Sep-26	19:59	211	14.23	5.7	0.2	0	0	0			
2003-Sep-26	19:59								Start Mixing Tail Slurry		
2003-Sep-26	19:59	220	14.36	5.7	2.0	0	0	0			
2003-Sep-26	20:00	247	14.70	5.7	4.9	0	0	0			
2003-Sep-26	20:00	266	14.89	5.7	7.8	0	0	0	RECEIVED		
2003-Sep-26	20:01	266	15.01	5.7	10.7	0	0	0			
2003-Sep-26	20:01	243	15.08	5.7	13.5	0	0	0	JAN 13 2004		
2003-Sep-26	20:02	247	14.96	5.7	16.4	0	0	0			
2003-Sep-26	20:02	233	14.73	5.7	19.2	0	0	0	KCC WICHITA		
2003-Sep-26	20:03	229	14.67	5.7	22.1	0	0	0			
2003-Sep-26	20:03	233	14.73	5.7	25.0	0	0	0			
2003-Sep-26	20:04	229	14.91	5.7	27.8	0	0	0			
2003-Sep-26	20:04	233	14.85	5.7	30.7	0	0	0			
2003-Sep-26	20:05	238	14.87	5.7	33.5	0	0	0			
2003-Sep-26	20:05	233	14.69	5.7	36.4	0	0	0			
2003-Sep-26	20:06								Reset Total, Vol = 38.61 bbl		
2003-Sep-26	20:06	14	8.95	0.0	38.6	0	0	0			
2003-Sep-26	20:06	14	8.66	0.0	0.0	0	0	0			
2003-Sep-26	20:06	14	8.67	0.0	0.0	0	0	0			

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Well		Field		Service Date		Customer			Job Number
CCIF #A-2				03269-Sep-26		OXY USA, INC.			2205543693
Date	Time	Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbf/min	bbf	0	0	0	
2003-Sep-26	20:06								Drop Top Plug
2003-Sep-26	20:06	14	8.72	0.0	0.0	0	0	0	
2003-Sep-26	20:06								Start Displacement
2003-Sep-26	20:06	5	0.25	0.0	0.0	0	0	0	
2003-Sep-26	20:07	5	0.19	0.0	0.0	0	0	0	
2003-Sep-26	20:07	5	0.18	0.0	0.0	0	0	0	
2003-Sep-26	20:08	23	10.24	2.0	0.3	0	0	0	
2003-Sep-26	20:08	114	8.55	6.6	3.1	0	0	0	
2003-Sep-26	20:09	119	8.37	6.6	6.4	0	0	0	
2003-Sep-26	20:09	110	8.35	6.6	9.7	0	0	0	
2003-Sep-26	20:10	105	8.35	6.6	13.0	0	0	0	
2003-Sep-26	20:10	119	8.36	6.6	16.3	0	0	0	
2003-Sep-26	20:11	124	8.36	6.6	19.6	0	0	0	
2003-Sep-26	20:11	128	8.37	6.6	23.0	0	0	0	
2003-Sep-26	20:12	133	8.37	6.6	26.3	0	0	0	
2003-Sep-26	20:12	151	8.38	6.6	29.6	0	0	0	
2003-Sep-26	20:13	156	8.38	6.6	32.9	0	0	0	
2003-Sep-26	20:13	169	8.39	6.6	36.2	0	0	0	
2003-Sep-26	20:14	169	8.38	6.6	39.5	0	0	0	
2003-Sep-26	20:14	174	8.38	6.6	42.8	0	0	0	
2003-Sep-26	20:15	179	8.40	6.6	46.1	0	0	0	
2003-Sep-26	20:15	188	8.40	6.6	49.5	0	0	0	
2003-Sep-26	20:16	201	8.40	6.6	52.8	0	0	0	
2003-Sep-26	20:16	211	8.40	6.6	56.1	0	0	0	
2003-Sep-26	20:17	238	8.40	6.6	59.4	0	0	0	
2003-Sep-26	20:17	229	8.40	6.6	62.7	0	0	0	
2003-Sep-26	20:18	252	8.40	6.6	66.0	0	0	0	
2003-Sep-26	20:18	247	8.41	6.6	69.3	0	0	0	
2003-Sep-26	20:19	256	8.40	6.6	72.6	0	0	0	
2003-Sep-26	20:19	252	8.40	6.6	75.9	0	0	0	
2003-Sep-26	20:20	270	8.40	6.6	79.2	0	0	0	
2003-Sep-26	20:20	288	8.40	6.6	82.5	0	0	0	
2003-Sep-26	20:21	325	8.40	6.6	85.8	0	0	0	
2003-Sep-26	20:21	352	8.41	6.6	89.1	0	0	0	
2003-Sep-26	20:22	366	8.41	6.6	92.5	0	0	0	
2003-Sep-26	20:22	394	8.40	6.6	95.8	0	0	0	
2003-Sep-26	20:23	398	8.40	6.6	99.1	0	0	0	
2003-Sep-26	20:23	439	8.41	6.6	102.4	0	0	0	
2003-Sep-26	20:24	467	8.41	6.6	105.7	0	0	0	
2003-Sep-26	20:24	504	8.40	6.6	109.0	0	0	0	
2003-Sep-26	20:25	385	8.40	2.5	111.1	0	0	0	
2003-Sep-26	20:25	421	8.40	2.5	112.4	0	0	0	
2003-Sep-26	20:26	449	8.40	2.5	113.6	0	0	0	
2003-Sep-26	20:26	444	8.41	2.5	114.8	0	0	0	
2003-Sep-26	20:27	380	8.40	2.5	116.1	0	0	0	
2003-Sep-26	20:27	375	8.40	2.5	117.3	0	0	0	
2003-Sep-26	20:28	412	8.40	2.5	118.5	0	0	0	
2003-Sep-26	20:28	394	8.40	2.5	119.8	0	0	0	
2003-Sep-26	20:29	421	8.41	2.5	121.0	0	0	0	
2003-Sep-26	20:29	1030	8.41	0.0	121.3	0	0	0	
2003-Sep-26	20:30	1039	8.41	0.0	121.3	0	0	0	
2003-Sep-26	20:30	998	8.41	0.0	121.3	0	0	0	
2003-Sep-26	20:31	5	8.41	0.0	121.3	0	0	0	
2003-Sep-26	20:31	5	8.41	0.0	121.3	0	0	0	

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Well		Field		Service Date		Customer		Job Number	
GOFF #A-2				03269-Sep-26		OXY USA, INC.			
Date	Time	Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbbl/min	bbbl	0	0	0	KCC JAN 12 2004
2003-Sep-26	20:32	5	8.41	0.0	121.3	0	0	0	
2003-Sep-26	20:32	5	8.41	0.0	121.3	0	0	0	CONFIDENTIAL
2003-Sep-26	20:33								Reset Total, Vol = 117.5 bbl
2003-Sep-26	20:33	5	8.41	0.0	121.3	0	0	0	
2003-Sep-26	20:33	5	8.41	0.0	0.0	0	0	0	
2003-Sep-26	20:33	5	8.41	0.0	0.0	0	0	0	
2003-Sep-26	20:33								Float Holding
2003-Sep-26	20:33								Bumped Plug
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
5.7			6.6	278		10			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
500		200	1100		bbbl	8.34 lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?		Volume	60 bbl		
%	181 bbl	117.5 bbl	°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	
Fillpot, Greg			Ousley, John						

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Customer: Oxy USA Job #: 2205543693
 Well name: Goff Job Type: Surface
 Well #: A2 Bit Size: 12 1/4
 County: Haskell Well Depth: 1900
 State: Kansas Stage: Primary

System 1
 450 sks C+2%D53+2%D79+3%S1+1%D30+.2%D46+.25LB D29+6LB D44
 3.07 :yield 246 bbl cmt
 18.23 :H2O 195 bbl H2O
 11.4 wt. 1382 cu. ft.
 1984 ann Psi 3347 ann. ft

System 2
 150 sks Class C+2%e1+.25 lb/sk D29
 1.32 :yield 35 bbl cmt
 6.3 :H2O 23 bbl H2O
 14.8 wt. 198 cu. ft.
 340 ann. Psi 480 ann. ft

Nitrogen
 0 bbl of 9.3 lb/gal mud
 0 scf/bbl 0 cooldown nitrogen
 0 scf downhole 0 height ann.
 0 scf total used 0 psi ann.hyd.

Mud Removal/Spacer
 10 bbl of FreshWater 8.33 lb/gal
 136 ft ann. Height 59 psi ann. hyd.

Pipe Data

8.625 O.D.	DV Tool	feet	
8.097 I.D.			
Csg Wt.	Feet	cap.	volume
24	1900	0.0637	121.03 bbl
24	0	0.0637	0.00 bbl
24	0	0.0637	0.00 bbl

TD	1900 feet	0.00 ft off bottom
TP	1900 feet	121.03 bbl
SJ	43.34 feet	2.76 bbl
Float @	1856.66 feet	118.3 bbl

Annular Data

12.250 OH	cap.	0.1458 bbl/ft
0.0735 bbl/ft		0.4127 cuft/ft
13.6035 ft/bbl		2.4229 ft/cuft

Csg Wt. Air 45600 lb.
 CrossSect. Area 6.9345 sq. in.
 Bouyancy 8198 lb.
 Csg Wt. Fluid 37402 lb.
 Csg Inside Area 51.4919 sq. in.
 Csg Lift Pressure 726 psi
 Ann Hydrostatic 1182 psi
 Differential 377 psi

D53 Gypsum Plug down @ 2030 hrs
 D44 Salt Lift Pressure 500 psi
 D112 Fluid Loss Bumped to 1100 psi
 D46 AntiFoam
 D65 Dispersant Thickening Time hrs
 D13 Retarder

Totals

Nitrified Mud	0 bbl with	0 scf/bbl
FreshWater	10 bbl @	8.33 lb/gal
System 1	246 bbl @	11.4 lb/gal
System 2	35 bbl @	14.8 lb/gal
Displacement	118.3 bbl with	0 % flush
OpenHole Volume	277 bbl	
Annular Volume	140 bbl	
Total Cement	279 bbl	
Total Water	417 bbl needed	
Differential	377 psi	
Casing Lift	726 psi	
Top of Scav/Lead	0 ft	
Top of Tail	1458 ft	
Total Excess	99 %	

Rig Water

Chlorides	ok	PH	ok
Sulfates	ok	Tanin/Lignin	n/a
Iron	ok	usable?	yes

Displacement Chemicals

	0 % Treated Displacement	
L055	0 gal/1000	0 gal total
L064	0 gal/1000	0 gal total
F103	0 gal/1000	0 gal total
Sugar	0 lbs.	0 lbs total

Chemical Wash

none	0 gal needed
none	0 gal needed

Time

Stage	Vol	Rate	Minutes
N2/Mud	0	4	0
Spacer	10	4	3
Scavenger	246	5.7	43
Tail	35	5.7	6
Displace	108.3	7	15
Slowdown	10	2	5
Total Pump Time			92

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