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ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: Pending
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: Marvin T. Harvey, JR.

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. _____
11/28/04 12/06/04 12/29/04
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 081-21556-00 00
County: Haskell
- NW - SW - SW Sec 3 Twp. 27 S. R. 33W
1270 feet from (S) N (circle one) Line of Section
330 feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Atkins N Well #: 4
Field Name: Atkins
Producing Formation: NA/TA'd
Elevation: Ground: 2944 Kelly Bushing: 2955
Total Depth: 5350 Plug Back Total Depth: 5288
Amount of Surface Pipe Set and Cemented at 1934 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 3148
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

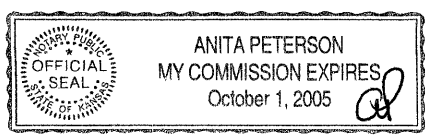
Drilling Fluid Management Plan ALT I W H W
(Data must be collected from the Reserve Pit) 4-6-07
Chloride content 1100 mg/l ppm Fluid volume 1600 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp, _____ S. R. East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 6702, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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

Signature: Vicki Carder
Title: Capital Project Date March 2, 2005
Subscribed and sworn to before me this 2nd day of March
20 05
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
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Side Two

Operator Name: OXY USA Inc. Lease Name: Atkins N Well #: 4
 Sec. 3 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 <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	2633	322
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Winfield	2692	263
List All E. Logs Run:	Induction Sonic	Council Grove	2903	52
Neutron	Geological Report	Wabaunsee	3284	-329
		Shawnee	3606	-651
		Heebner Shale	3989	-1034
		Toronto	4005	-1050
		(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					C		
Surface	12 1/4	8 5/8	24	1934	C	600	65/35 Poz + Additives
					C	200	Class C + Additives
Production	7 7/8	5 1/2	15.5	5350	H	175	50/50 Poz + Additives (See Attached Cmt Tkts)

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	1000-3148	H	255	50/50 Poz + Additives (Port Collar)
<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	5130-5136		
	CIBP @ 5110 w/ 2 sxs cmt		
4	5072-5076		
	CIBP @ 5068		
4	5044-5060	38 bbls 7.5% HCL	

TUBING RECORD	Size NA	Set At	Packer At	Liner Run
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method			
NA	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) <i>Well TA'd</i>			
Estimated Production Per 24 Hours	Oil BBLS	Gas Mcf	Water Bbls	Gas-Oil Ratio Gravity
	NA	NA	NA	

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) TA'd

Production Interval _____

Side Three

Operator Name: OXY USA Inc. Lease Name: Atkins N Well #: 4

Sec. 3 Twp. 27 S. R. 33W East West County: Haskell

<u>Name</u>	<u>Top</u>	<u>Datum</u>
Lansing	4080	-1125
Marmaton	4615	-1660
Cherokee	4744	-1789
Atoka	4953	-1998
Morrow	5006	-2051
Chester	5135	-2180
St. Genevieve	5171	-2216

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CEMENT JOB REPORT



CUSTOMER OXY USA Inc		DATE 29-NOV-04	F.R. # 395410170	SERV. SUPV. Jack Roberts										
LEASE & WELL NAME Atkins N-4		LOCATION Sec.3-27S-33W		COUNTY-PARISH-BLOCK Haskell Kansas										
DISTRICT Perryton		DRILLING CONTRACTOR RIG # Murfin Rig #20		TYPE OF JOB Surface										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES										
Cement Plug, Rubber, Top 8-5/8 in		Guide Shoe, Cement Nose, 8-5/8 in		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER				
MATERIALS FURNISHED BY BJ														
H2O					8.34				10					
65/35POZC+6%GEL+.5#/SXCELLOFLAKE+2%CACL2				600	12.2	2.18			233					
C+2%CACL2+.25#/SXCELLOFLAKE				200	14.8	1.33			47					
H2O					8.34				120					
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL				410						
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE				
12.25		1935	8.625	24	CSG	1934	J-55	1934	1891	0				
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID				
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.		
									8.625	8RD	WATER BASED MU	9		
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator			
120	BBLs	H2O		8.34	1100	0	0	0	0	2360	2000	TANK		

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL					EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>
	PIPE	ANNULUS				
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
12:32	3000				H2O	TEST LINES
12:35	231		5.4	10	H2O	SPACER
12:37	230		5.5	233	CEMENT	LEAD SLURRY
13:14	361		5.5	361	CEMENT	TAIL SLURRY
13:23						SHUT DOWN/ DROP PLUG
13:26	171		7.1	110	H2O	ST. DISPL.
13:46	507		2	10	H2O	DEC. RATE
13:49	1134					BUMP PLUG
13:50						BLEED PSI
13:51						ENDE JOB

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1134	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	50	410	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

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Customer OXY USA, INC.	Number 2205547352
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Well Atkins 'N' 4		Location (legal) Sec 3 T27S R33W			Schlumberger Location Perryton, TX		Job Start 2004-Dec-07		
Field		Formation Name/Type		Deviation		Bit Size	Well MD	Well TVD	
County Haskell		State/Province Kansas		BHP psi		BHST 134 °F	BHCT 110 °F	Pore Press. Gradient psi/ft	
Well Master: 0630646229		API / UW:		Casing/Liner					
Rig Name MURFIN 20		Drilled For Oil & Gas		Service Via		Depth, ft	Size, in	Weight, lb/ft	
Offshore Zone		Well Class New		Well Type Development		5350	5.5	15.5	
Drilling Fluid Type		Max. Density lb/gal		Plastic V: cp		Depth,	Size, in	Weight, lb/ft	
Service Line Cementing		Job Type Cem Prod Casing		Tubing/Drill Pipe					
Max. Allowed Tubing Pressure 3000 psi		Max. Allowed Ann. Pressure psi		WellHead Connection 5½"H&SM		Depth,	Size, in	Weight, lb/ft	
Service Instructions		1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>		Perforations/Open Hole					
CEMENT PROD 5½" CASING : 25 SKS 50/50 Poz H FOR RAT/MOUSE HOLE 20 BBLs CW100 175 SKS 50/50 POZ/CLASS H + 2%D20 + 3%M117 + 5 PPSD42 + 5 PPS D53 + 0.25 %D112 + 0.25 %D65 + 0.25%D46 DISPLACE WITH FRESH WATER		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft			
		Diameter in	Treat Down Casing	Displacement 126 bbl	Packer Type	Packer Depth ft			
		Tubing Vol. bbl	Casing Vol. 127 bbl	Annular Vol. 165.3 bbl	OpenHole Vol 322 bbl				
		Casing Tools		Squeeze Job					
Lift Pressure: psi		Shoe Type:		Squeeze Type					
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth: ft		Tool Type:			
No. Centralizers: Top Plugs: 1 Bottom Plugs: 1		Stage Tool Type:		Tool Depth: ft					
Cement Head Type: Single		Stage Tool Depth: ft		Tail Pipe Size: in		Tail Pipe Depth: ft			
Job Scheduled For:		Arrived on Location: 2004-Dec-07 3:45		Leave Location: 2004-Dec-07 10:15		Collar Depth: ft			
Collar Depth: ft		Sqz Total Vol: bbl							
Date	Time	Treating PSI	Annulus PSI	CMT DENS	CMT STG VOL	CMT AVG RATE	0	0	Message
	24 hr clock	psi	psi	lb/gal	bbl	bbl/min	0	0	
2004-Dec-07	7:46	0.00	0.00	8.57	0.0	0.0	0	0	
2004-Dec-07	7:46								Start Job
2004-Dec-07	7:46	0.00	0.00	8.57	0.0	0.1	0	0	
2004-Dec-07	7:46								Pressure Test Lines
2004-Dec-07	7:46	0.00	0.00	8.57	0.0	0.1	0	0	
2004-Dec-07	7:47	0.00	0.00	8.57	0.0	0.1	0	0	
2004-Dec-07	7:47	0.00	0.00	8.57	0.0	0.1	0	0	
2004-Dec-07	7:47								Drop Bottom Plug
2004-Dec-07	7:47	0.00	0.00	8.57	0.1	0.1	0	0	
2004-Dec-07	7:48	0.00	0.00	8.57	0.1	0.1	0	0	
2004-Dec-07	7:48	0.00	0.00	8.57	0.1	0.1	0	0	
2004-Dec-07	7:49	4.58	0.00	8.57	0.1	0.1	0	0	
2004-Dec-07	7:49	13.73	0.00	8.57	0.2	0.1	0	0	
2004-Dec-07	7:50	18.31	0.00	8.56	0.2	0.1	0	0	
2004-Dec-07	7:50	3465.26	0.00	8.56	0.4	0.1	0	0	
2004-Dec-07	7:51	3039.54	0.00	8.54	0.4	0.1	0	0	
2004-Dec-07	7:51	32.04	0.00	8.54	0.4	0.1	0	0	
2004-Dec-07	7:52	27.47	0.00	8.54	0.4	0.1	0	0	
2004-Dec-07	7:52	18.31	0.00	8.54	0.4	0.1	0	0	
2004-Dec-07	7:53	96.13	0.00	8.58	0.9	0.2	0	0	
2004-Dec-07	7:53	141.91	0.00	8.58	2.1	0.4	0	0	
2004-Dec-07	7:53	141.91	0.00	8.57	3.0	0.6	0	0	

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Well		Field			Service Date		Customer		Job Number
Atkins 'N' #4					04342-Dec-07		OXY USA, INC.		2205547352
Date	Time	Treating PSI	Annulus PSI	CMT DENS	CMT STG VOL	CMT AVG RATE	0	0	Message
	24 hr clock	psi	psi	lb/gal	bbbl	bbbl/min	0	0	
2004-Dec-07	7:53								Start Pumping Wash
2004-Dec-07	7:54	169.37	0.00	8.57	3.7	0.7	0	0	
2004-Dec-07	7:54	210.57	0.00	8.57	5.6	1.0	0	0	
2004-Dec-07	7:55	265.50	0.00	8.57	7.5	1.2	0	0	
2004-Dec-07	7:55	270.08	0.00	8.57	9.5	1.4	0	0	
2004-Dec-07	7:56	251.77	0.00	8.57	11.4	1.6	0	0	
2004-Dec-07	7:56	260.92	0.00	8.57	13.4	1.7	0	0	
2004-Dec-07	7:57	260.92	0.00	8.57	15.4	1.8	0	0	
2004-Dec-07	7:57	251.77	0.00	8.57	17.3	2.0	0	0	
2004-Dec-07	7:58	247.19	0.00	8.56	19.3	2.1	0	0	
2004-Dec-07	7:58	238.04	0.00	8.56	21.2	2.2	0	0	
2004-Dec-07	7:58	265.50	0.00	8.56	21.7	2.2	0	0	
2004-Dec-07	7:58								Start Pumping Spacer
2004-Dec-07	7:58	228.88	0.00	8.56	21.8	2.2	0	0	
2004-Dec-07	7:58								End Wash
2004-Dec-07	7:59	242.61	0.00	8.56	23.2	2.2	0	0	
2004-Dec-07	7:59	224.30	0.00	8.56	23.9	2.3	0	0	
2004-Dec-07	7:59								Reset Total, Vol = 23.88 bbl
2004-Dec-07	7:59	242.61	0.00	8.56	1.2	2.3	0	0	
2004-Dec-07	8:00	233.46	0.00	8.56	3.2	2.4	0	0	
2004-Dec-07	8:00	205.99	0.00	8.56	5.1	2.5	0	0	
2004-Dec-07	8:00	201.42	0.00	8.56	6.8	2.5	0	0	
2004-Dec-07	8:00								End Spacer
2004-Dec-07	8:01	164.79	0.00	8.56	7.0	2.5	0	0	
2004-Dec-07	8:01	73.24	0.00	8.56	7.0	2.5	0	0	
2004-Dec-07	8:02	59.51	0.00	7.91	7.0	2.5	0	0	
2004-Dec-07	8:02	27.47	0.00	7.67	7.0	2.5	0	0	
2004-Dec-07	8:03	13.73	0.00	8.44	7.0	2.5	0	0	
2004-Dec-07	8:03	13.73	0.00	8.43	7.0	2.5	0	0	
2004-Dec-07	8:04	9.16	0.00	8.83	7.0	2.5	0	0	
2004-Dec-07	8:04	96.13	0.00	15.39	7.0	2.5	0	0	
2004-Dec-07	8:05	114.44	0.00	15.39	7.1	2.4	0	0	
2004-Dec-07	8:05	4.58	0.00	15.38	7.1	2.4	0	0	
2004-Dec-07	8:06	-4.58	0.00	9.28	7.1	2.4	0	0	
2004-Dec-07	8:06	36.62	0.00	12.40	7.1	2.4	0	0	
2004-Dec-07	8:07	0.00	0.00	9.41	7.1	2.4	0	0	
2004-Dec-07	8:07	0.00	0.00	3.94	7.1	2.4	0	0	
2004-Dec-07	8:08	-4.58	0.00	7.73	7.1	2.4	0	0	
2004-Dec-07	8:08	-4.58	0.00	8.22	7.1	2.4	0	0	
2004-Dec-07	8:09	-4.58	0.00	8.20	7.1	2.4	0	0	
2004-Dec-07	8:09	-4.58	0.00	8.38	7.1	2.4	0	0	
2004-Dec-07	8:10	13.73	0.00	15.53	7.1	2.4	0	0	
2004-Dec-07	8:10	-4.58	0.00	15.55	7.1	2.4	0	0	
2004-Dec-07	8:11	4.58	0.00	15.55	7.1	2.4	0	0	
2004-Dec-07	8:11	59.51	0.00	15.52	7.1	2.4	0	0	
2004-Dec-07	8:12	-4.58	0.00	15.52	7.1	2.4	0	0	
2004-Dec-07	8:12	-4.58	0.00	9.76	7.1	2.4	0	0	
2004-Dec-07	8:13	36.62	0.00	9.28	7.1	2.4	0	0	
2004-Dec-07	8:13	41.20	0.00	9.34	7.1	2.4	0	0	
2004-Dec-07	8:14	41.20	0.00	9.33	7.1	2.4	0	0	
2004-Dec-07	8:14								Start Cement Slurry
2004-Dec-07	8:14	54.93	0.00	15.28	7.4	2.4	0	0	
2004-Dec-07	8:14	260.92	0.00	15.33	7.9	2.4	0	0	
2004-Dec-07	8:15	297.55	0.00	13.39	9.5	2.4	0	0	

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Well		Field			Service Date		Customer		Job Number
Atkins 'N' #4					04342-Dec-07		OXY USA, INC.		2205547352
Date	Time	Treating PSI	Annulus PSI	CMT DENS	CMT STG VOL	CMT AVG RATE	0	0	Message
	24 hr clock	psi	psi	lb/gal	bbl	bbl/min	0	0	
2004-Dec-07	8:15	192.26	0.00	8.36	11.3	2.5	0	0	
2004-Dec-07	8:16	68.66	0.00	12.24	12.1	2.5	0	0	
2004-Dec-07	8:16	59.51	0.00	0.10	12.1	2.5	0	0	
2004-Dec-07	8:17	50.35	0.00	0.16	12.1	2.5	0	0	
2004-Dec-07	8:17	54.93	0.00	0.12	12.1	2.5	0	0	
2004-Dec-07	8:18	-9.16	0.00	0.11	12.1	2.5	0	0	
2004-Dec-07	8:18	-9.16	0.00	0.11	12.1	2.5	0	0	
2004-Dec-07	8:19	22.89	0.00	0.83	12.4	2.4	0	0	
2004-Dec-07	8:19	109.86	0.00	9.15	13.5	2.4	0	0	
2004-Dec-07	8:20	132.75	0.00	12.04	15.1	2.5	0	0	
2004-Dec-07	8:20	132.75	0.00	8.47	17.1	2.5	0	0	
2004-Dec-07	8:21	114.44	0.00	8.16	19.0	2.5	0	0	
2004-Dec-07	8:21	265.50	0.00	12.40	21.0	2.6	0	0	
2004-Dec-07	8:22	270.08	0.00	15.77	22.9	2.6	0	0	
2004-Dec-07	8:22	325.01	0.00	15.39	24.9	2.7	0	0	
2004-Dec-07	8:23	233.46	0.00	15.10	26.8	2.7	0	0	
2004-Dec-07	8:23	128.17	0.00	14.08	28.8	2.7	0	0	
2004-Dec-07	8:24	119.02	0.00	15.03	30.8	2.8	0	0	
2004-Dec-07	8:24	100.71	0.00	14.16	32.7	2.8	0	0	
2004-Dec-07	8:25	77.82	0.00	14.70	34.7	2.8	0	0	
2004-Dec-07	8:25	73.24	0.00	14.33	36.6	2.8	0	0	
2004-Dec-07	8:26	86.97	0.00	13.82	38.6	2.9	0	0	
2004-Dec-07	8:26	86.97	0.00	13.33	40.6	2.9	0	0	
2004-Dec-07	8:27	59.51	0.00	12.61	41.8	2.9	0	0	
2004-Dec-07	8:27	59.51	0.00	13.62	42.6	2.8	0	0	
2004-Dec-07	8:28	64.09	4.58	14.90	43.2	2.8	0	0	
2004-Dec-07	8:28	96.13	0.00	14.50	44.9	2.8	0	0	
2004-Dec-07	8:29	238.04	0.00	16.17	46.9	2.8	0	0	
2004-Dec-07	8:29	155.64	0.00	14.65	48.8	2.9	0	0	
2004-Dec-07	8:30	128.17	0.00	15.52	50.8	2.9	0	0	
2004-Dec-07	8:30	164.79	0.00	14.97	52.7	2.9	0	0	
2004-Dec-07	8:31	123.60	0.00	14.37	54.7	2.9	0	0	
2004-Dec-07	8:31	132.75	0.00	14.62	56.6	2.9	0	0	
2004-Dec-07	8:32	137.33	0.00	14.42	58.6	3.0	0	0	
2004-Dec-07	8:32	155.64	0.00	14.56	60.5	3.0	0	0	
2004-Dec-07	8:33	132.75	0.00	14.27	62.5	3.0	0	0	
2004-Dec-07	8:33	151.06	0.00	14.24	64.5	3.0	0	0	
2004-Dec-07	8:34	146.48	0.00	15.20	66.4	3.0	0	0	
2004-Dec-07	8:34	128.17	0.00	14.13	68.4	3.0	0	0	
2004-Dec-07	8:34	-9.16	0.00	9.62	68.8	3.0	0	0	
2004-Dec-07	8:34								End Cement Slurry
2004-Dec-07	8:35	-9.16	0.00	9.23	68.8	3.0	0	0	
2004-Dec-07	8:35	54.93	0.00	9.11	68.8	3.0	0	0	
2004-Dec-07	8:36	-13.73	0.00	8.60	68.8	3.0	0	0	
2004-Dec-07	8:36	-13.73	0.00	8.59	68.8	3.0	0	0	
2004-Dec-07	8:37	-13.73	0.00	8.59	68.8	3.0	0	0	
2004-Dec-07	8:37	-13.73	0.00	6.74	68.8	3.0	0	0	
2004-Dec-07	8:38	-4.58	0.00	8.50	68.8	3.0	0	0	
2004-Dec-07	8:38	251.77	0.00	12.17	68.8	3.0	0	0	
2004-Dec-07	8:39	251.77	0.00	9.57	68.8	3.0	0	0	
2004-Dec-07	8:39	77.82	0.00	9.03	68.8	3.0	0	0	
2004-Dec-07	8:40	219.73	0.00	11.92	68.8	3.0	0	0	
2004-Dec-07	8:40	-4.58	0.00	8.35	68.8	3.0	0	0	
2004-Dec-07	8:41	36.62	0.00	5.49	68.8	3.0	0	0	

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Well		Field			Service Date		Customer		Job Number
Atkins 'N' #4					04342-Dec-07		OXY USA, INC.		2205547352
Date	Time	Treating PSI	Annulus PSI	CMT DENS	CMT STG VOL	CMT AVG RATE	0	0	Message
	24 hr clock	psi	psi	lb/gal	bbl	bbl/min	0	0	
2004-Dec-07	8:41	215.15	0.00	7.96	68.8	3.0	0	0	
2004-Dec-07	8:42	320.43	0.00	8.57	68.8	3.0	0	0	
2004-Dec-07	8:42	444.03	0.00	7.48	68.8	3.0	0	0	
2004-Dec-07	8:43	251.77	0.00	5.42	68.8	3.0	0	0	
2004-Dec-07	8:43	260.92	0.00	4.90	68.8	3.0	0	0	
2004-Dec-07	8:44	45.78	0.00	5.09	68.8	3.0	0	0	
2004-Dec-07	8:44	-13.73	0.00	4.26	68.8	3.0	0	0	
2004-Dec-07	8:45	224.30	0.00	1.64	68.8	3.0	0	0	
2004-Dec-07	8:45	-13.73	0.00	0.04	68.8	3.0	0	0	
2004-Dec-07	8:46	-13.73	0.00	0.03	68.8	3.0	0	0	
2004-Dec-07	8:46	-18.31	0.00	0.03	68.8	3.0	0	0	
2004-Dec-07	8:46								Start Displacement
2004-Dec-07	8:46	-18.31	0.00	0.03	68.8	3.0	0	0	
2004-Dec-07	8:47								Start Pumping Water
2004-Dec-07	8:47	-13.73	0.00	0.03	68.8	3.0	0	0	
2004-Dec-07	8:47	-13.73	0.00	0.03	68.8	3.0	0	0	
2004-Dec-07	8:47	-9.16	0.00	0.03	68.8	3.0	0	0	
2004-Dec-07	8:47								Reset Total, Vol = 68.85 bbl
2004-Dec-07	8:47	-9.16	0.00	0.21	0.0	3.0	0	0	
2004-Dec-07	8:48	105.29	0.00	0.26	1.0	3.0	0	0	
2004-Dec-07	8:48	123.60	0.00	0.43	3.9	3.1	0	0	
2004-Dec-07	8:49	96.13	0.00	0.19	6.7	3.1	0	0	
2004-Dec-07	8:49	18.31	0.00	0.31	9.5	3.2	0	0	
2004-Dec-07	8:50	105.29	0.00	0.40	11.6	3.2	0	0	
2004-Dec-07	8:50	96.13	0.00	0.27	14.4	3.2	0	0	
2004-Dec-07	8:51	96.13	0.00	0.15	17.3	3.2	0	0	
2004-Dec-07	8:51	105.29	0.00	0.08	20.1	3.3	0	0	
2004-Dec-07	8:52	96.13	0.00	0.34	23.0	3.3	0	0	
2004-Dec-07	8:52	77.82	0.00	0.25	25.8	3.4	0	0	
2004-Dec-07	8:53	91.55	0.00	0.15	28.7	3.4	0	0	
2004-Dec-07	8:53	86.97	0.00	0.42	31.5	3.4	0	0	
2004-Dec-07	8:54	91.55	0.00	0.29	34.4	3.4	0	0	
2004-Dec-07	8:54	114.44	0.00	0.14	37.2	3.5	0	0	
2004-Dec-07	8:55	96.13	0.00	0.06	40.1	3.5	0	0	
2004-Dec-07	8:55	91.55	0.00	0.34	42.9	3.5	0	0	
2004-Dec-07	8:56	96.13	0.00	0.25	45.8	3.6	0	0	
2004-Dec-07	8:56	86.97	0.00	0.14	48.7	3.6	0	0	
2004-Dec-07	8:57	82.40	0.00	0.43	51.5	3.6	0	0	
2004-Dec-07	8:57	91.55	0.00	0.32	54.4	3.6	0	0	
2004-Dec-07	8:58	91.55	0.00	0.17	57.2	3.7	0	0	
2004-Dec-07	8:58	96.13	0.00	0.07	60.1	3.7	0	0	
2004-Dec-07	8:59	91.55	0.00	0.43	62.9	3.7	0	0	
2004-Dec-07	8:59	91.55	0.00	0.30	65.8	3.7	0	0	
2004-Dec-07	9:00	86.97	0.00	0.19	68.6	3.8	0	0	
2004-Dec-07	9:00	82.40	0.00	0.51	71.6	3.8	0	0	
2004-Dec-07	9:01	82.40	0.00	0.43	74.4	3.8	0	0	
2004-Dec-07	9:01	82.40	0.00	0.22	77.3	3.8	0	0	
2004-Dec-07	9:02	96.13	0.00	0.09	80.1	3.9	0	0	
2004-Dec-07	9:02	100.71	0.00	0.43	83.0	3.9	0	0	
2004-Dec-07	9:03	86.97	0.00	0.30	85.8	3.9	0	0	
2004-Dec-07	9:03	82.40	0.00	0.18	88.7	3.9	0	0	
2004-Dec-07	9:04	82.40	0.00	0.70	91.6	3.9	0	0	
2004-Dec-07	9:04	91.55	0.00	0.41	94.4	4.0	0	0	
2004-Dec-07	9:05	205.99	0.00	0.22	97.3	4.0	0	0	

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Well		Field			Service Date		Customer		Job Number
Atkins 'N' #4					04342-Dec-07		OXY USA, INC.		2205547352
Date	Time	Treating PSI	Annulus PSI	CMT DENS	CMT STG VOL	CMT AVG RATE	0	0	Message
	24 hr clock	psi	psi	lb/gal	bbl	bbl/min	0	0	
2004-Dec-07	9:05	219.73	0.00	0.11	100.1	4.0	0	0	
2004-Dec-07	9:06	288.39	0.00	0.49	103.0	4.0	0	0	
2004-Dec-07	9:06	347.90	0.00	0.34	105.8	4.0	0	0	
2004-Dec-07	9:07	411.99	0.00	0.20	108.7	4.0	0	0	
2004-Dec-07	9:07	462.34	0.00	0.41	111.5	4.1	0	0	
2004-Dec-07	9:08	407.41	0.00	0.71	113.6	4.1	0	0	
2004-Dec-07	9:08	457.76	0.00	0.56	115.5	4.1	0	0	
2004-Dec-07	9:09	498.96	0.00	0.43	117.5	4.1	0	0	
2004-Dec-07	9:09	466.92	0.00	0.44	118.9	4.0	0	0	
2004-Dec-07	9:10	489.81	0.00	0.38	120.1	4.0	0	0	
2004-Dec-07	9:10	535.58	0.00	1.88	121.4	4.0	0	0	
2004-Dec-07	9:11	558.47	0.00	2.20	122.6	4.0	0	0	
2004-Dec-07	9:11	590.51	0.00	1.89	123.8	4.0	0	0	
2004-Dec-07	9:12	595.09	0.00	1.55	125.1	4.0	0	0	
2004-Dec-07	9:12	631.71	0.00	1.23	126.3	4.0	0	0	
2004-Dec-07	9:13	668.33	0.00	0.91	127.5	3.9	0	0	
2004-Dec-07	9:13	535.58	0.00	1.11	128.2	3.9	0	0	
2004-Dec-07	9:14	521.85	0.00	1.20	128.2	3.9	0	0	
2004-Dec-07	9:14	627.13	0.00	1.24	128.3	3.9	0	0	
2004-Dec-07	9:15	599.67	0.00	1.15	128.7	3.9	0	0	
2004-Dec-07	9:15	576.78	0.00	1.07	128.7	3.9	0	0	
2004-Dec-07	9:16	563.05	0.00	1.08	128.7	3.9	0	0	
2004-Dec-07	9:16	544.74	0.00	1.14	128.7	3.9	0	0	
2004-Dec-07	9:17	535.58	0.00	1.18	128.7	3.9	0	0	
2004-Dec-07	9:17	535.58	0.00	1.48	128.8	3.9	0	0	
2004-Dec-07	9:18	604.25	0.00	1.59	129.0	3.9	0	0	
2004-Dec-07	9:18	993.34	0.00	1.56	129.2	3.9	0	0	
2004-Dec-07	9:19								End Displacement
2004-Dec-07	9:19	1272.58	0.00	1.40	129.3	3.9	0	0	
2004-Dec-07	9:19								End Water
2004-Dec-07	9:19	1272.58	0.00	1.39	129.3	3.9	0	0	
2004-Dec-07	9:19	938.41	0.00	1.38	129.3	3.9	0	0	
2004-Dec-07	9:20	-18.31	0.00	1.36	129.3	3.9	0	0	
2004-Dec-07	9:20	-18.31	0.00	1.57	129.3	3.9	0	0	
2004-Dec-07	9:21	-13.73	0.00	1.66	129.3	3.9	0	0	
2004-Dec-07	9:21	-13.73	0.00	1.75	129.3	3.9	0	0	
2004-Dec-07	9:22	-13.73	0.00	1.81	129.3	3.9	0	0	
2004-Dec-07	9:22	-13.73	0.00	1.88	129.3	3.9	0	0	
2004-Dec-07	9:22								End Job
2004-Dec-07	9:22	-13.73	0.00	1.88	129.3	3.9	0	0	

Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
6	0	0	6	55	0	30	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to Breakdown	Volume	Density		
					bbl	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input type="checkbox"/> Cement Circulated to Surface? Volume bbl <input type="checkbox"/> Washed Thru Perfs To ft			
%	48 bbl	126 bbl	°F				
Customer or Authorized Representative			Schlumberger Supervisor				
FILLPOT, GREGG			Gonzales, Paul		<input type="checkbox"/> CirculationLost		<input checked="" type="checkbox"/> Job Completed

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Date	12/7/2004
Company	OXY USA
Job Number	2205547352
Well Name	ATKINS
Well Number	N 4
County	HASKELL
State	KS

Schlumberger

Pipe Size	5 1/2	
Pipe Weight	15.5	11.6
Pipe Depth	5336	0
Shoe Length	43.3	
Insert Depth	5292.7	
Hole Size	7 7/8	
Hole Depth	5350	

50:50 POZ	
25 sacks	D909 D132 D20 M117
1.55 yield	D42 D53 D112 D65
13.8 weight	D46
7.1 water	4.23
cubic ft.	38.8
height	224
bbls	6.9

292	Pipe Volume	127
	Annular Volume	165
	Total Cement	55
	Total Water	160

Pipe Factor	0.0238	0.0155
Annular Factor	0.0309	
Height Factor	5.7718	

50:50 POZ	
175 sacks	D909 D132 D20 M117
1.55 yield	D42 D53 D112 D65
13.8 weight	D46
7.1 water	30
cubic ft.	271
height	1566
bbls	48.3

Casing lift	3481
Cement lift	691

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

Test 3000

20 CW100

10 Spacer

7 Lead 13.8

48 Tail 13.8

126.0 Displacement

2000 Maximum Pressure

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

Pump time @ 4 BPM

45 MIN

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Customer OXY USA, INC.	Job Number 2205547476
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Well ATKINS N 4		Location (legal) Sec 3-T27S-R33W		Schlumberger Location Perryton, TX		Job Start 2004-Dec-14			
Field ATKINS		Formation Name/Type		Deviation		Bit Size 7.88 in	Well MD 3,200 ft	Well TVD 3,200 ft	
County HASKELL		State/Province KANSAS		BHP psi	BHST 112 °F	BHCT °F	Pore Press. Gradient psi/ft		
Well Master: 0630646229		API / UWI:		Casing/Liner					
Rig Name	Drilled For Oil & Gas	Service Via		Depth, ft 3200	Size, in 5.5	Weight, lb/ft 15.5	Grade	Thread	
Offshore Zone	Well Class New	Well Type Development		Tubing/Drill Pipe					
Drilling Fluid Type		Max. Density lb/gal	Plastic Vt: cp	Depth, 3200	Size, in 2.875	Weight, lb/ft 6.4	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 2 3/8" & 2" REG.		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft	
Service Instructions CEMENT PROD 5 1/2" CASING THRU PORT COLLAR:				Treat Down Tubing	Displacement 18 bbl	Packer Type	Packer Depth ft		
20 BBLs CW100 255 sks 50/50 Poz:H + 2%D20 +3%M117 (BWOW)+5 pps D42+5 pps D53+ 0.25% D112 + 0.25%D65 +0.25%D46				Tubing Vol. 18.2 bbl	Casing Vol. bbl	Annular Vol. bbl	OpenHole Vol bbl		
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Casing Tools			Squeeze Job		
Lift Pressure: 475 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type:		Squeeze Type	
No. Centralizers:		Top Plugs:	Bottom Plugs:		Shoe Depth: ft		Tool Type:		
Cement Head Type:				Stage Tool Type:		Tool Depth: ft		Tail Pipe Size: in	
Job Scheduled For:		Arrived on Location: 2004-Dec-14 16:00		Leave Location: 2004-Dec-14 20:30		Collar Type:		Tail Pipe Depth: ft	
						Collar Depth: ft		Sqz Total Vol: bbl	

Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl/min	bbl	0	
2004-Dec-14	16:40	0	0.0	8.36	0.0	0.0	0.0	0	
2004-Dec-14	16:41								Start Job
2004-Dec-14	16:41	5	0.0	8.36	0.0	0.0	0.0	0	
2004-Dec-14	16:42	5	0.0	8.36	0.0	1.1	0.1	0	
2004-Dec-14	16:43	2467	0.0	8.28	0.1	0.0	0.4	0	
2004-Dec-14	16:44	23	0.0	8.35	0.1	0.0	0.4	0	
2004-Dec-14	16:45	50	0.5	8.26	0.2	0.5	0.5	0	
2004-Dec-14	16:46	146	0.0	8.28	0.4	0.0	0.6	0	
2004-Dec-14	16:47	14	0.0	8.25	0.4	0.0	0.6	0	
2004-Dec-14	16:48	18	0.0	8.29	0.4	0.0	0.6	0	
2004-Dec-14	16:49	18	0.0	8.33	0.4	0.0	0.6	0	
2004-Dec-14	16:50	14	0.0	8.35	0.4	0.0	0.6	0	
2004-Dec-14	16:51	119	0.3	8.35	0.5	0.3	0.9	0	
2004-Dec-14	16:52	293	0.0	8.35	0.6	0.0	1.0	0	
2004-Dec-14	16:53	5	0.0	8.32	0.6	0.0	1.0	0	
2004-Dec-14	16:54	0	0.0	8.35	0.6	0.0	1.0	0	
2004-Dec-14	16:58	5	0.0	8.35	0.6	0.0	1.0	0	
2004-Dec-14	16:59	156	0.0	8.35	0.7	0.0	1.4	0	
2004-Dec-14	17:00	5	0.0	8.35	0.7	0.0	1.4	0	
2004-Dec-14	17:01	0	0.0	8.35	0.7	0.0	1.4	0	
2004-Dec-14	17:04	5	0.0	8.35	0.7	0.0	1.4	0	
2004-Dec-14	17:05	0	0.0	8.35	0.7	0.0	1.4	0	

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Well		Field			Service Date		Customer		Job Number
ATKINS N #4		ATKINS			04349-Dec-14		OXY USA, INC.		2205547476
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	bbbl/min	bbbl	0	
2004-Dec-14	17:15	5	0.0	8.35	0.7	0.0	1.4	0	
2004-Dec-14	17:16	0	0.0	8.35	0.7	0.0	1.4	0	
2004-Dec-14	17:23	5	0.0	8.35	0.7	0.0	1.4	0	
2004-Dec-14	17:24	0	0.0	8.35	0.7	0.0	1.4	0	
2004-Dec-14	17:54	5	0.0	8.30	0.7	0.0	1.4	0	
2004-Dec-14	17:55	55	0.4	8.31	0.7	0.3	1.9	0	
2004-Dec-14	17:56	668	0.0	8.30	1.0	0.0	2.2	0	
2004-Dec-14	17:57	1442	0.5	8.35	1.4	0.5	2.6	0	
2004-Dec-14	17:58	1804	0.0	8.35	1.6	0.0	2.7	0	
2004-Dec-14	17:59	60	0.0	8.35	1.6	0.0	2.7	0	
2004-Dec-14	18:00	9	0.0	8.35	1.6	0.0	2.7	0	
2004-Dec-14	18:01	5	0.0	8.35	1.6	0.0	2.7	0	
2004-Dec-14	18:04	0	0.0	8.38	0.0	0.0	0.0	0	
2004-Dec-14	18:04	5	0.0	8.37	0.0	0.0	0.0	0	
2004-Dec-14	18:04								Start Pumping Wash
2004-Dec-14	18:05	1483	0.0	8.36	0.7	0.0	0.8	0	
2004-Dec-14	18:06	1456	0.0	8.35	0.7	0.0	0.8	0	
2004-Dec-14	18:08	5	0.0	8.35	0.7	0.0	0.8	0	
2004-Dec-14	18:09	-5	0.0	8.35	0.7	0.0	0.8	0	
2004-Dec-14	18:10	27	0.0	8.35	0.7	3.6	3.7	0	
2004-Dec-14	18:11	23	0.0	8.35	0.7	2.7	6.5	0	
2004-Dec-14	18:12	23	0.0	8.35	0.7	2.5	9.1	0	
2004-Dec-14	18:13	293	4.1	8.35	2.9	4.0	12.1	0	
2004-Dec-14	18:14	320	4.1	8.37	7.0	4.1	16.3	0	
2004-Dec-14	18:15	339	4.1	8.37	11.2	4.1	20.4	0	
2004-Dec-14	18:15								End Wash
2004-Dec-14	18:15	339	4.1	8.37	11.8	4.2	21.1	0	
2004-Dec-14	18:15								Reset Total, Vol = 11.91 bbl
2004-Dec-14	18:15	339	4.2	8.37	11.9	4.2	21.2	0	
2004-Dec-14	18:15								Start Pumping Spacer
2004-Dec-14	18:15	343	4.1	8.37	0.1	4.2	0.1	0	
2004-Dec-14	18:16	389	4.2	8.36	3.4	4.2	3.4	0	
2004-Dec-14	18:17	426	4.2	8.36	7.6	4.3	7.7	0	
2004-Dec-14	18:18	462	4.3	8.35	11.9	4.4	11.9	0	
2004-Dec-14	18:19	485	4.3	11.89	15.9	3.9	15.6	0	
2004-Dec-14	18:19								End Spacer
2004-Dec-14	18:19	467	4.3	12.01	16.0	3.9	15.8	0	
2004-Dec-14	18:19								Start Cement Slurry
2004-Dec-14	18:19	476	4.3	12.13	16.2	3.9	15.9	0	
2004-Dec-14	18:20	407	4.3	14.37	20.6	4.1	19.9	0	
2004-Dec-14	18:21	307	4.3	14.39	11.1	4.0	11.1	0	
2004-Dec-14	18:22	87	4.4	13.65	15.4	3.8	15.0	0	
2004-Dec-14	18:23	87	4.4	14.04	19.8	3.7	18.7	0	
2004-Dec-14	18:24	87	4.4	13.98	24.2	3.7	22.4	0	
2004-Dec-14	18:25	82	4.4	14.02	28.6	3.7	26.0	0	
2004-Dec-14	18:26	82	4.4	13.93	33.1	3.7	29.7	0	
2004-Dec-14	18:27	82	4.4	14.26	37.5	3.7	33.4	0	
2004-Dec-14	18:28	128	4.7	14.32	42.4	4.3	37.7	0	
2004-Dec-14	18:29	114	4.7	13.95	47.1	4.3	41.9	0	
2004-Dec-14	18:30	266	4.7	13.75	51.8	4.4	46.3	0	
2004-Dec-14	18:31	311	4.7	14.37	56.5	4.4	50.6	0	
2004-Dec-14	18:32	357	4.8	13.99	61.3	4.5	55.1	0	
2004-Dec-14	18:33	87	3.7	13.65	65.6	3.6	59.1	0	
2004-Dec-14	18:34	82	3.0	14.32	69.0	3.4	62.5	0	

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Well		Field			Service Date		Customer		Job Number
ATKINS N #4		ATKINS			04349-Dec-14		OXY USA, INC.		2205547476
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl/min	bbl	0	
2004-Dec-14	18:35	82	3.1	15.04	72.0	3.3	65.9	0	
2004-Dec-14	18:36	101	3.0	14.79	75.1	3.3	69.2	0	
2004-Dec-14	18:36								End Cement Slurry
2004-Dec-14	18:36	-9	0.0	14.77	75.4	0.8	69.7	0	
2004-Dec-14	18:36								Reset Total, Vol = 75.36 bbl
2004-Dec-14	18:36	-5	0.0	14.76	75.4	0.4	69.8	0	
2004-Dec-14	18:37	-5	0.0	14.73	0.0	0.0	0.0	0	
2004-Dec-14	18:38								Start Displacement
2004-Dec-14	18:38	46	0.0	9.81	0.0	2.1	0.1	0	
2004-Dec-14	18:38	41	2.2	8.88	0.9	3.9	1.7	0	
2004-Dec-14	18:39	37	2.2	8.51	3.1	2.7	5.6	0	
2004-Dec-14	18:40	37	2.2	8.37	5.3	1.8	7.8	0	
2004-Dec-14	18:41	37	3.6	8.37	10.3	0.7	9.0	0	
2004-Dec-14	18:42	279	3.4	8.44	13.4	2.0	10.3	0	
2004-Dec-14	18:43	426	3.7	8.47	17.0	2.6	12.8	0	
2004-Dec-14	18:44	504	2.2	8.38	20.2	2.3	15.5	0	
2004-Dec-14	18:45	618	2.1	8.37	22.4	2.1	17.6	0	
2004-Dec-14	18:45								End Displacement
2004-Dec-14	18:45	494	0.0	8.37	22.7	0.1	18.0	0	
2004-Dec-14	18:45								Reset Total, Vol = 22.68 bbl
2004-Dec-14	18:45	476	0.0	8.37	22.7	0.0	18.0	0	
2004-Dec-14	18:46	462	0.0	8.37	0.0	0.0	0.0	0	
2004-Dec-14	18:49	458	0.0	8.37	0.0	0.0	0.0	0	
2004-Dec-14	18:50	549	0.5	8.37	0.1	0.4	0.0	0	
2004-Dec-14	18:51	1341	0.0	8.37	0.4	0.0	0.4	0	
2004-Dec-14	18:52	1506	0.0	8.37	0.5	0.0	0.5	0	
2004-Dec-14	18:53	787	0.0	8.37	0.5	0.0	0.5	0	
2004-Dec-14	18:54	-5	0.0	8.37	0.5	0.0	0.5	0	
2004-Dec-14	18:55	5	0.0	8.37	0.5	0.0	0.5	0	
2004-Dec-14	18:56	0	0.0	8.37	0.5	0.0	0.5	0	
2004-Dec-14	18:59	0	0.0	8.36	0.5	0.0	0.5	0	
2004-Dec-14	19:00	5	0.0	8.36	0.5	0.0	0.5	0	
2004-Dec-14	19:03	0	0.0	8.36	0.5	0.0	0.5	0	
2004-Dec-14	19:04	5	0.0	8.36	0.5	0.0	0.5	0	
2004-Dec-14	19:06	0	0.0	8.36	0.5	0.0	0.5	0	
2004-Dec-14	19:07	5	0.0	8.36	0.5	0.0	0.5	0	
2004-Dec-14	19:11	0	0.0	8.36	0.5	0.0	0.5	0	
2004-Dec-14	19:12	5	0.0	8.36	0.5	0.0	0.5	0	
2004-Dec-14	19:12								start reverse out
2004-Dec-14	19:12	27	0.0	8.36	0.5	1.5	0.5	0	
2004-Dec-14	19:13	32	1.8	8.36	0.8	1.9	2.5	0	
2004-Dec-14	19:14	32	1.8	8.36	2.7	1.9	4.5	0	
2004-Dec-14	19:15	27	1.8	8.36	4.5	2.0	6.4	0	
2004-Dec-14	19:16	137	1.8	8.36	5.4	1.8	7.6	0	
2004-Dec-14	19:17	247	2.2	8.36	7.6	2.2	9.8	0	
2004-Dec-14	19:18	348	2.9	8.36	10.3	3.0	12.5	0	
2004-Dec-14	19:19	343	2.9	8.36	13.3	2.9	15.4	0	
2004-Dec-14	19:20	339	2.9	8.36	11.6	3.0	11.5	0	
2004-Dec-14	19:21	348	3.5	8.36	14.6	3.4	14.5	0	
2004-Dec-14	19:22	412	3.8	8.36	18.4	3.8	18.3	0	
2004-Dec-14	19:23	348	3.9	8.36	22.2	3.9	22.1	0	
2004-Dec-14	19:24	320	3.9	8.36	26.1	3.9	26.1	0	
2004-Dec-14	19:25	339	3.9	8.36	30.0	4.0	30.0	0	
2004-Dec-14	19:26	334	3.9	8.36	33.9	4.0	33.9	0	

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Well		Field			Service Date		Customer		Job Number
ATKINS N #4		ATKINS			04349-Dec-14		OXY USA, INC.		2205547476
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr-clock	psi	bbbl/min	lb/gal	bbbl	bbbl/min	bbbl	0	
2004-Dec-14	19:27	330	3.9	8.36	37.8	4.0	37.9	0	
2004-Dec-14	19:28	-5	0.0	8.36	39.9	0.0	40.1	0	
2004-Dec-14	19:29								End reverse out
2004-Dec-14	19:29	46	0.0	8.36	39.9	0.5	40.2	0	
2004-Dec-14	19:29								Reset Total, Vol = 39.85 bbl
2004-Dec-14	19:29	64	0.0	8.36	39.9	0.4	40.2	0	
2004-Dec-14	19:29	46	0.0	8.36	0.0	0.0	0.0	0	
2004-Dec-14	19:30	774	0.3	8.36	0.4	0.3	0.4	0	
2004-Dec-14	19:31	1717	0.5	8.36	0.8	0.4	0.8	0	
2004-Dec-14	19:32	1772	0.0	8.36	0.8	0.0	0.8	0	
2004-Dec-14	19:33	1726	0.0	8.36	0.8	0.0	0.8	0	
2004-Dec-14	19:34	5	0.0	8.36	0.8	0.0	0.8	0	
2004-Dec-14	19:34								End Job
2004-Dec-14	19:34	0	0.0	8.36	0.8	0.0	0.8	0	
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2	
3			4		70		30		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
					bbbl	lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp		<input type="checkbox"/> Cement Circulated to Surface?	Volume	bbbl		
%	bbbl	18 bbbl	°F		<input type="checkbox"/> Washed Thru Perfs	To	ft		
Customer or Authorized Representative			Schlumberger Supervisor						
Fillpot, Gregg			Ahrends, Timothy			<input type="checkbox"/> CirculationLost		<input checked="" type="checkbox"/> Job Completed	

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