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APR 23 2004
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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

September 1999

Form Must Be Typed

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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: ONEOK
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200
Contractor: Name: Cheyenne Drilling Co., Inc.
License: 5382
Wellsite Geologist: NA

API No. 15 - 093-21741-0000
County: Kearny
SE - SE - NW - SW Sec 22 Twp. 24 S. R. 35W
1425 feet from (S) N (circle one) Line of Section
1250 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Whitman Brennaman A Well #: 3
Field Name: Panoma Council Grove

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)

Producing Formation: Council Grove
Elevation: Ground: 2956 Kelly Bushing: 2961
Total Depth: 3125 Plug Back Total Depth: 3083
Amount of Surface Pipe Set and Cemented at 893 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.

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. _____
12/29/03 12/31/03 01/13/04
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

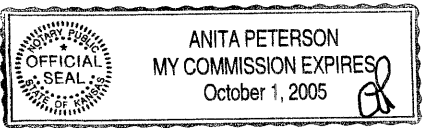
ALT I WITH 12-28-06
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 17000 mg/l ppm Fluid volume 825 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ 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 April 21, 2004
Subscribed and sworn to before me this 21st day of April
20 04
Notary Public: Anita Peterson
Date Commission Expires: Oct. 1, 2005

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



X

Side Two

Operator Name: OXY USA Inc. Lease Name: Whitman Brenneman A Well #: 3
 Sec. 22 Twp. 24 S. R. 35W East West County: Kearny

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	Hollenberg	2396 565
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Chase Group	2408 553
List All E. Logs Run: Neutron Cement Bond		Paddock	2431 530
		Krider	2435 526
		Odell	2451 510
		Winfield	2472 489
		Gage	2498 463
		(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	893	C	265	35/65 Poz + Additives
					C	150	Class C + Additives
Production	7 7/8	4 1/2	11.6	3123	C	185	Class C + Additives
					H	260	50/50 Poz H + Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ 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
4	2695-2730	Acidize - 2000 gls 15% HCL	
		Divert Frac-10000 gls 20# linear gel,	
		15000# 100 mesh sand, 49000 gls 75Q N2 w/	
		30# linear gel, 56000# 12/20 Brady Sand	

TUBING RECORD	Size 2 3/8	Set At 2763	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 02/09/04		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil BBLs	Gas Mcf 32	Water Bbls 0	Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____

(If vented, Submit ACO-18) Other (Specify) _____

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Side Three

Operator Name: OXY USA Inc. Lease Name: Whitman Brennaman A Well #: 3

Sec. 22 Twp. 24 S. R. 35W East West County: Kearny

Name	Top	Datum
Fort Riley	2593	368
Matfield	2652	309
Wreford	2672	289
Council Grove Group	2694	267

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Cementing Service Report

Schlumberger

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Customer OXY USA, INC.		Location (legal) SEC 22-T24S-R35W		Schlumberger Location Perryton, TX		Job Start 2004-Jan-01	
Well WHITMAN BRENNAMAN A-3		Formation Name/Type KCC		Deviation		Well TVD 3,100 ft	
Field		State/Province KANSAS		Bit Size 7.88 in		Well MD 3,100 ft	
County KEARNY CO		API / UWI: 0630539382		BHP 120 °F		BHT 98 °F	
Well Master: 0630539382		API / UWI: CONFIDENTIAL		Casing/Liner			
Rig Name		Drilled For Oil & Gas		Depth, ft 3100		Weight, lb/ft 11.6	
Offshore Zone		Well Class New		Well Type Development		Grade	
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cp		Thread	
Service Line Cementing		Job Type Cem Prod Casing		Perforations/Open Hole			
Max. Allowed Tubing Pressure 2000 psi		Max. Allowed Ann. Pressure psi		Wellhead Connection 4 1/2 HS&M		Total Interval ft	
Service Instructions CEMENT 4 1/2 PRODUCTION CASING WITH: 20 BBL CW100. 185 SKS CLASS C + 3%D79 + 0.2%D46 + 0.25 PPS D29 260 SKS 50/50 POZ CLASS H + 2%D20 + 3%M117 + 5 PPS D42 + 5 PPS D53 + 0.25% D112 + 0.25% D65 + 0.25% D46 DISPLACE WITH 4 GAL L64 + 1 LB OF B69				Top, ft		Bottom, ft	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>		Treat Down Casing		Displacement 47.8 bbl	
Lift Pressure: 340 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Packer Type	
No. Centralizers:		Top Plugs: 1		Bottom Plugs: 1		Packer Depth ft	
Cement Head Type:		Job Scheduled For: 1/1/2004 4:30		Arrived on Location: 2004-Jan-01 4:15		Leave Location: 2004-Jan-01 12:00	
Casing Tools		Squeeze Job		Shoe Type:		Squeeze Type	
Shoe Depth: 3100 ft		Stage Tool Type:		Stage Tool Depth: ft		Tool Type:	
Collar Type:		Collar Depth: ft		Tail Pipe Size: in		Tail Pipe Depth: ft	
Sqz Total Vol: bbl		Tubing Vol. bbl		Casing Vol. 48 bbl		Annular Vol. 127 bbl	
Open Hole Vol. 175 bbl		Message					

Date	Time	Treating Pressure	Flow Rate	Volume	CMT DENS	0	0	0	Message
	24 hr clock	psi	bbl/min	bbl	lb/gal	0	0	0	
2004-Jan-01	10:02	5	0.0	0.0	8.47	0	0	0	
2004-Jan-01	10:03	0	0.0	0.0	8.47	0	0	0	
2004-Jan-01	10:03	0	0.0	0.0	8.47	0	0	0	
2004-Jan-01	10:03								Start Job
2004-Jan-01	10:03								Pressure Test Lines
2004-Jan-01	10:03	0	0.0	0.0	8.47	0	0	0	
2004-Jan-01	10:03	0	0.0	0.0	8.47	0	0	0	
2004-Jan-01	10:03								Start Pumping Wash
2004-Jan-01	10:04	0	0.0	0.0	8.47	0	0	0	
2004-Jan-01	10:05	0	0.0	0.0	8.49	0	0	0	
2004-Jan-01	10:06	0	0.0	0.1	8.49	0	0	0	
2004-Jan-01	10:07	0	0.0	0.1	8.48	0	0	0	
2004-Jan-01	10:07	46	0.0	0.1	8.48	0	0	0	
2004-Jan-01	10:08	41	0.0	0.1	8.47	0	0	0	
2004-Jan-01	10:09	27	0.0	0.1	8.47	0	0	0	
2004-Jan-01	10:10	192	3.0	0.9	8.46	0	0	0	
2004-Jan-01	10:11	146	3.6	3.5	8.47	0	0	0	
2004-Jan-01	10:12	192	3.9	6.7	8.48	0	0	0	
2004-Jan-01	10:12	238	4.6	10.2	8.82	0	0	0	
2004-Jan-01	10:13	252	4.9	14.2	8.49	0	0	0	
2004-Jan-01	10:14	220	5.0	18.3	9.44	0	0	0	
2004-Jan-01	10:15	252	5.0	22.5	8.85	0	0	0	

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Well		Field				Service Date		Customer		Job Number
WHITMAN BRENNAMAN #A-3						041-Jan-01		OXY USA, INC.		2205544527
Date	Time	Treating Pressure	Flow Rate	Volume	CMT DENS	0	0	0	Message	
	24 hr clock	psi	bbl/min	bbl	lb/gal	0	0	0		
2004-Jan-01	10:15								End Wash	
2004-Jan-01	10:15	275	5.0	24.1	8.73	0	0	0		
2004-Jan-01	10:16								Start Mixing Lead Slurry	
2004-Jan-01	10:16	270	5.1	25.7	9.44	0	0	0		
2004-Jan-01	10:16	275	5.1	25.9	9.60	0	0	0		
2004-Jan-01	10:16								Reset Total, Vol = 25.91 bbl	
2004-Jan-01	10:16	288	5.1	0.8	10.37	0	0	0	KCC APR 21 2004 CONFIDENTIAL	
2004-Jan-01	10:17	288	5.1	5.0	10.09	0	0	0		
2004-Jan-01	10:17	215	3.7	9.0	11.53	0	0	0		
2004-Jan-01	10:18	183	3.7	12.1	11.95	0	0	0		
2004-Jan-01	10:19	215	4.9	15.9	11.70	0	0	0		
2004-Jan-01	10:20	201	4.9	20.0	12.92	0	0	0		
2004-Jan-01	10:21	256	4.9	24.1	12.10	0	0	0		
2004-Jan-01	10:22	128	5.0	28.2	11.70	0	0	0		
2004-Jan-01	10:23	110	4.9	32.4	12.37	0	0	0		
2004-Jan-01	10:23	105	4.9	36.5	12.11	0	0	0		
2004-Jan-01	10:24	110	4.9	40.6	11.96	0	0	0		
2004-Jan-01	10:25	110	5.0	44.7	12.26	0	0	0		
2004-Jan-01	10:26	110	5.0	48.9	12.19	0	0	0		
2004-Jan-01	10:27	110	5.0	53.0	11.95	0	0	0		
2004-Jan-01	10:28	110	5.0	57.1	11.99	0	0	0		
2004-Jan-01	10:28	105	5.0	61.3	12.00	0	0	0		
2004-Jan-01	10:29	101	5.0	65.5	12.20	0	0	0		
2004-Jan-01	10:30	78	4.3	69.2	12.42	0	0	0		
2004-Jan-01	10:31	101	4.8	73.0	12.40	0	0	0		
2004-Jan-01	10:32	133	5.3	77.5	12.12	0	0	0		
2004-Jan-01	10:33	133	5.3	82.2	12.11	0	0	0		
2004-Jan-01	10:33	101	5.0	86.3	12.66	0	0	0		
2004-Jan-01	10:34								End Lead Slurry	
2004-Jan-01	10:34	46	3.3	89.1	11.56	0	0	0		
2004-Jan-01	10:34								Start Mixing Tail Slurry	
2004-Jan-01	10:34	46	3.3	89.1	11.60	0	0	0		
2004-Jan-01	10:34	46	3.3	89.4	11.81	0	0	0		
2004-Jan-01	10:34								Reset Total, Vol = 89.35 bbl	
2004-Jan-01	10:35	206	5.7	3.4	14.29	0	0	0		
2004-Jan-01	10:36	256	5.8	8.2	14.52	0	0	0		
2004-Jan-01	10:37	160	5.2	12.9	13.33	0	0	0		
2004-Jan-01	10:38	174	5.1	17.2	13.98	0	0	0		
2004-Jan-01	10:38	188	5.1	21.5	14.22	0	0	0		
2004-Jan-01	10:39	183	5.1	25.8	14.06	0	0	0		
2004-Jan-01	10:40	179	5.1	30.1	13.96	0	0	0		
2004-Jan-01	10:41	146	5.1	34.4	13.37	0	0	0		
2004-Jan-01	10:42	192	5.1	38.6	14.27	0	0	0		
2004-Jan-01	10:43	183	5.5	43.0	14.02	0	0	0		
2004-Jan-01	10:43	165	5.3	47.4	13.80	0	0	0		
2004-Jan-01	10:44	169	5.2	51.8	13.80	0	0	0		
2004-Jan-01	10:45	188	5.2	56.2	14.10	0	0	0		
2004-Jan-01	10:46	179	5.2	60.5	14.27	0	0	0		
2004-Jan-01	10:47	174	5.2	64.9	14.05	0	0	0		
2004-Jan-01	10:48	160	5.2	69.3	13.85	0	0	0		
2004-Jan-01	10:48								End Tail Slurry	
2004-Jan-01	10:48	110	3.0	72.1	13.78	0	0	0		
2004-Jan-01	10:48	82	3.0	72.9	13.77	0	0	0		
2004-Jan-01	10:49	-14	0.0	73.7	9.76	0	0	0		

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Well		Field		Service Date		Customer		Job Number	
WHITMAN BRENNAMAN #A-3				041-Jan-01		OXY USA, INC.		22154527	
Date	Time	Treating Pressure	Flow Rate	Volume	CMT DENS	0	0	0	Message
	24 hr clock	psi	bbt/min	bbt	lb/gal	0	0	0	
2004-Jan-01	10:50	-14	0.0	73.7	12.50	0	0	0	
2004-Jan-01	10:51	46	0.0	73.7	9.15	0	0	0	KCC
2004-Jan-01	10:52	46	3.3	75.0	9.01	0	0	0	APR 21 2004
2004-Jan-01	10:53	69	4.2	78.4	8.70	0	0	0	CONFIDENTIAL
2004-Jan-01	10:53	-5	0.0	79.5	8.60	0	0	0	
2004-Jan-01	10:54	-5	0.0	79.5	8.59	0	0	0	
2004-Jan-01	10:55	64	3.0	79.9	8.56	0	0	0	
2004-Jan-01	10:55	69	3.9	80.6	8.55	0	0	0	
2004-Jan-01	10:55								Drop Top Plug
2004-Jan-01	10:55	64	3.9	80.7	8.55	0	0	0	
2004-Jan-01	10:55								Start Displacement
2004-Jan-01	10:55								Reset Total, Vol = 80.85 bbl
2004-Jan-01	10:55	46	3.8	80.8	8.55	0	0	0	
2004-Jan-01	10:56	46	3.8	4.2	8.57	0	0	0	
2004-Jan-01	10:57	46	3.8	7.4	8.48	0	0	0	
2004-Jan-01	10:58	46	3.8	10.6	8.48	0	0	0	
2004-Jan-01	10:58	142	4.5	14.0	8.49	0	0	0	
2004-Jan-01	10:59	224	4.5	17.7	8.48	0	0	0	
2004-Jan-01	11:00	279	4.1	21.3	8.48	0	0	0	
2004-Jan-01	11:01	371	4.1	25.9	8.48	0	0	0	
2004-Jan-01	11:02	444	4.1	29.3	8.48	0	0	0	
2004-Jan-01	11:03	471	3.0	32.4	8.48	0	0	0	
2004-Jan-01	11:03	531	2.9	34.9	8.48	0	0	0	
2004-Jan-01	11:04	554	1.8	37.0	8.48	0	0	0	
2004-Jan-01	11:05	595	1.8	38.5	8.48	0	0	0	
2004-Jan-01	11:06	604	1.8	40.0	8.48	0	0	0	
2004-Jan-01	11:07	650	1.8	41.5	8.48	0	0	0	
2004-Jan-01	11:08	696	1.8	43.0	8.46	0	0	0	
2004-Jan-01	11:08	691	1.8	44.5	8.46	0	0	0	
2004-Jan-01	11:09	728	1.8	46.0	8.46	0	0	0	
2004-Jan-01	11:10	737	1.7	47.5	8.46	0	0	0	
2004-Jan-01	11:11	650	0.0	48.3	8.46	0	0	0	
2004-Jan-01	11:12								Bump Top Plug
2004-Jan-01	11:12	1135	0.0	48.4	8.47	0	0	0	
2004-Jan-01	11:12								End Displacement
2004-Jan-01	11:12	1140	0.0	48.4	8.47	0	0	0	
2004-Jan-01	11:12	1135	0.0	48.4	8.47	0	0	0	
2004-Jan-01	11:13	1135	0.0	49.0	8.47	0	0	0	
2004-Jan-01	11:13	-14	0.0	49.0	8.47	0	0	0	
2004-Jan-01	11:14								End Job
2004-Jan-01	11:14	-9	0.0	49.0	8.47	0	0	0	

Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
5	0	0	6	158	0	20	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density	
1500		150	1150				
Avg. N2 Percent		Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume		
		185 bbl	47.8 bbl	°F	<input type="checkbox"/> Washed Thru Perfs To ft		
Customer or Authorized Representative			Schlumberger Supervisor		<input type="checkbox"/> Circulation Lost		
FILLPOT, GREGG			Gonzales, Paul		<input checked="" type="checkbox"/> Job Completed		

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Date	12/30/2003
Company	OXY USA, INC
Job Number	2205544526
Well Name	WHITMAN
Well Number	A-3
County	KEARNY
State	KS

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Pipe Size	8 5/8	
Pipe Weight	24	32
Pipe Depth	895	0
Shoe Length	44.24	
Insert Depth		
Hole Size	12 1/4	
Hole Depth	895	

35:65 POZ		
265 sacks	Class C	D132
2.17 yield	D20	S01 D29
12.2 weight		
17.7 water	112	
cubic ft.	575	
height	1394	
bbls	102	

Pipe Volume	57
Annular Volume	0
Total Cement	138
Total Water	188

Pipe Factor	0.0637	0.0609
Annular Factor	0.0735	
Height Factor	2.4234	

CLASS C+2%S1+ 1/4#D29		
150 sacks	Class C	
1.34 yield	S1	D29
14.8 weight		
6.3 water	23	
cubic ft.	201	
height	487	
bbls	35.8	

Casing lift	0
Cement lift	231

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

Test 2000 psi

Mud

10 Spacer

102 Lead 12.2

36 Tail 14.8

54.2 Displacement

2000 Maximum Pressure

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

Pump time @ 4 BPM 48 MIN

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KCC WICHITA

Customer OXY USA, INC.						Job Number 2205544526					
Well WHITMAN BRENNAMAN A-3			Location (legal) SEC 22-T24S-R35W			Schlumberger Location Perryton, TX			Job Start 2003-Dec-30		
Field KCC		Formation Name/Type			Deviation °		Bit Size 12.3 in	Well MD 895 ft	Well TVD 895 ft		
County KEARNY CO		State/Province KANSAS			BHP 1000 psi	BHST 90 °F	BHCT 90 °F	Pore Press. Gradient psi/ft			
Well Master 0630539382		API / UWI:			Casing/Liner						
Rig Name		Drilled For Oil & Gas		Service Via Land		Depth, ft 895	Size, in 8.625	Weight, lb/ft 24	Grade K55	Thread 8RD	
Offshore Zone		Well Class New		Well Type Development		Tubing/Drill Pipe					
Drilling Fluid Type		Max. Density lb/gal	Plastic Vi: cp	Depth,	Size, in	Weight, lb/ft	Grade	Thread			
Service Line Cementing		Job Type Cem Surface Casing				Perforations/Open Hole					
Max. Allowed Tubing Pressure 1000 psi		Max. Allowed Ann. Pressure psi		Well/Head Connection 8 5/8 HS&M		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft	
Service Instructions CEMENT 8 5/8 IN SURFACE CASING WITH: 265 SKS 35/65 POZ C + 6% D20 + 2% S1 + 0.5PPS D29 150 SKS CLASS C + 2% S001 + 0.25 PPS D29						Diameter in	Treat Down Casing	Displacement bbl	Packer Type None	Packer Depth 0 ft	
						Tubing Vol. bbl	Casing Vol. bbl	Annular Vol. bbl	Open Hole Vol 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: psi		Pipe Rotated <input type="checkbox"/>				Pipe Reciprocated <input type="checkbox"/>		Shoe Type: None		Squeeze Type	
No. Centralizers:		Top Plugs: 1		Bottom Plugs: 0		Shoe Depth: 895 ft		Tool Type:			
Cement Head Type: Single		Stage Tool Type:		Tool Depth: ft		Stage Tool Depth: ft		Tail Pipe Size: in			
Job Scheduled For: 2003-Dec-30 2:13		Arrived on Location:		Leave Location: 2003-Dec-30 9:00		Collar Type: None		Tail Pipe Depth: ft			
						Collar Depth: ft		Sqz Total Vol: bbl			
Date	Time	Treating Pressure 24 hr clock psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	0	0	0	Message		
2003-Dec-30	5:39					0	0	0	Start Job		
2003-Dec-30	5:39	0	0.0	8.46	0.0	0	0	0			
2003-Dec-30	5:40	5	1.3	8.46	0.1	0	0	0			
2003-Dec-30	5:40								Pressure Test Lines		
2003-Dec-30	5:40	5	0.0	8.46	0.2	0	0	0			
2003-Dec-30	5:40	5	0.1	8.46	0.2	0	0	0			
2003-Dec-30	5:40	5	0.0	8.46	0.2	0	0	0			
2003-Dec-30	5:41	5	0.0	8.46	0.2	0	0	0			
2003-Dec-30	5:41	5	0.0	8.46	0.2	0	0	0			
2003-Dec-30	5:41	5	0.0	8.46	0.2	0	0	0			
2003-Dec-30	5:42	5	0.0	8.46	0.2	0	0	0			
2003-Dec-30	5:42	0	0.0	8.46	0.2	0	0	0			
2003-Dec-30	5:42	5	0.0	8.46	0.2	0	0	0			
2003-Dec-30	5:43	5	0.0	8.46	0.2	0	0	0			
2003-Dec-30	5:43	0	0.0	8.46	0.2	0	0	0			
2003-Dec-30	5:43	5	0.0	8.46	0.2	0	0	0			
2003-Dec-30	5:44	5	0.0	8.46	0.2	0	0	0			
2003-Dec-30	5:44	5	0.0	8.46	0.2	0	0	0			
2003-Dec-30	5:44	0	0.0	8.46	0.2	0	0	0			
2003-Dec-30	5:45	0	0.0	8.46	0.2	0	0	0			
2003-Dec-30	5:45								Reset Total, Vol = 0.20 bbl		
2003-Dec-30	5:45	5	0.0	8.46	0.2	0	0	0			

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Well		Field			Service Date		Customer		Job Number
WHITMAN BRENNAMAN #A-3					03364-Dec-30		OXY USA, INC.		2205644526
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2003-Dec-30	5:45	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:45								End Wash
2003-Dec-30	5:45	5	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:45								Start Pumping Spacer
2003-Dec-30	5:45								Start Pumping Spacer
2003-Dec-30	5:45	5	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:45	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:46	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:46	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:46	5	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:47	5	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:47	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:47	5	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:48	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:48	-1817	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:48	-1817	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:49	-1817	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:49	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:49	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:50	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:50	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:50	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:51	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:51	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:51	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:52	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:52	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:52	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:53	-5	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:53	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:53	-5	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:54	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:54	0	0.0	8.46	0.0	0	0	0	
2003-Dec-30	5:54								Stopped Acquisition
2003-Dec-30	5:56								Started Acquisition
2003-Dec-30	5:56	0	5.8	8.46	0.0	0	0	0	
2003-Dec-30	5:56	0	5.8	8.45	0.5	0	0	0	
2003-Dec-30	5:57	0	5.8	8.45	2.4	0	0	0	
2003-Dec-30	5:57	-5	5.9	8.45	4.4	0	0	0	
2003-Dec-30	5:57	0	6.0	8.81	6.3	0	0	0	
2003-Dec-30	5:57								Start Mixing Lead Slurry
2003-Dec-30	5:57	5	6.0	9.00	6.8	0	0	0	
2003-Dec-30	5:57								Reset Total, Vol = 6.83 bbl
2003-Dec-30	5:58	0	6.0	9.58	8.3	0	0	0	
2003-Dec-30	5:58	0	6.1	10.07	10.4	0	0	0	
2003-Dec-30	5:58								Reset Total, Vol = 3.92 bbl
2003-Dec-30	5:58	0	6.1	10.15	10.8	0	0	0	
2003-Dec-30	5:58	0	6.2	10.50	1.6	0	0	0	
2003-Dec-30	5:59	0	6.2	10.89	3.7	0	0	0	
2003-Dec-30	5:59	0	6.2	11.66	5.8	0	0	0	
2003-Dec-30	5:59	0	4.8	12.38	7.5	0	0	0	
2003-Dec-30	6:00	0	4.8	12.66	9.1	0	0	0	
2003-Dec-30	6:00	0	4.9	12.56	10.8	0	0	0	
2003-Dec-30	6:00	0	5.5	12.48	12.6	0	0	0	

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Well		Field			Service Date		Customer		Job Number	
WHITMAN BRENNAMAN #A-3					03364-Dec-30		OXY USA, INC.		2205544526	
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message	
	24 hr clock	psi	bbf/min	lb/gal	bbf	0	0	0		
2003-Dec-30	6:01	0	5.5	12.34	14.4	0	0	0	KCC	
2003-Dec-30	6:01	0	5.5	12.27	16.2	0	0	0	APR 21 2004	
2003-Dec-30	6:01	0	5.5	12.42	18.1	0	0	0	CONFIDENTIAL	
2003-Dec-30	6:02	0	5.5	12.56	19.9	0	0	0		
2003-Dec-30	6:02	0	5.5	12.63	21.7	0	0	0		
2003-Dec-30	6:02	0	5.6	12.56	23.6	0	0	0		
2003-Dec-30	6:03	0	5.6	12.36	25.5	0	0	0		
2003-Dec-30	6:03	0	5.6	12.23	27.4	0	0	0		
2003-Dec-30	6:03	0	5.6	12.13	29.3	0	0	0		
2003-Dec-30	6:04	0	5.7	12.13	31.2	0	0	0		
2003-Dec-30	6:04	0	5.7	12.23	33.1	0	0	0		
2003-Dec-30	6:04	0	5.7	12.28	35.0	0	0	0		
2003-Dec-30	6:05	0	5.7	12.35	36.9	0	0	0		
2003-Dec-30	6:05	0	5.7	12.39	38.8	0	0	0		
2003-Dec-30	6:05	0	5.7	12.40	40.7	0	0	0		
2003-Dec-30	6:06	0	5.8	12.42	42.6	0	0	0		
2003-Dec-30	6:06	0	5.8	12.46	44.6	0	0	0		
2003-Dec-30	6:06	0	5.8	12.59	46.5	0	0	0		
2003-Dec-30	6:07	0	5.8	12.56	48.4	0	0	0		
2003-Dec-30	6:07	0	5.8	12.43	50.3	0	0	0		
2003-Dec-30	6:07	0	5.9	12.52	52.3	0	0	0		
2003-Dec-30	6:08	0	5.8	11.95	54.2	0	0	0		
2003-Dec-30	6:08	0	5.8	10.79	56.2	0	0	0		
2003-Dec-30	6:08	0	5.8	12.85	58.1	0	0	0		
2003-Dec-30	6:09	0	5.9	13.05	60.1	0	0	0		
2003-Dec-30	6:09	0	5.9	12.53	62.0	0	0	0		
2003-Dec-30	6:09	0	5.9	12.81	64.0	0	0	0		
2003-Dec-30	6:10	0	5.9	12.75	66.0	0	0	0		
2003-Dec-30	6:10	0	5.9	12.55	67.9	0	0	0		
2003-Dec-30	6:10	269	6.0	12.42	69.9	0	0	0		
2003-Dec-30	6:11	274	6.0	12.35	71.9	0	0	0		
2003-Dec-30	6:11	274	6.1	12.28	73.9	0	0	0		
2003-Dec-30	6:11	278	6.1	12.40	76.0	0	0	0		
2003-Dec-30	6:12	283	6.1	12.54	78.0	0	0	0		
2003-Dec-30	6:12	283	6.2	12.60	80.0	0	0	0		
2003-Dec-30	6:12	278	6.1	12.53	82.1	0	0	0		
2003-Dec-30	6:13	283	6.2	12.37	84.1	0	0	0		
2003-Dec-30	6:13	278	6.2	12.22	86.2	0	0	0		
2003-Dec-30	6:13	301	6.2	12.16	88.3	0	0	0		
2003-Dec-30	6:14	297	6.2	12.28	90.3	0	0	0		
2003-Dec-30	6:14	297	6.3	12.47	92.4	0	0	0		
2003-Dec-30	6:14	301	6.2	12.56	94.6	0	0	0		
2003-Dec-30	6:15	297	6.3	12.54	96.7	0	0	0		
2003-Dec-30	6:15	255	5.1	12.38	98.6	0	0	0		
2003-Dec-30	6:15	283	5.8	12.35	100.5	0	0	0		
2003-Dec-30	6:16	287	5.9	12.30	106.6	0	0	0		
2003-Dec-30	6:16	287	5.9	12.53	108.5	0	0	0		
2003-Dec-30	6:16	287	5.9	12.75	110.5	0	0	0		
2003-Dec-30	6:17	274	5.9	12.61	112.5	0	0	0		
2003-Dec-30	6:17	265	5.9	11.98	114.4	0	0	0		
2003-Dec-30	6:17								End Lead Slurry	
2003-Dec-30	6:17	269	5.9	12.11	114.8	0	0	0		
2003-Dec-30	6:17	269	5.9	12.22	115.0	0	0	0		
2003-Dec-30	6:17								Start Mixing Tail Slurry	

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Well		Field			Service Date		Customer		Job Number
WHITMAN BRENNAMAN #A-3					03364-Dec-30		OXY USA, INC.		2205544526
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2003-Dec-30	6:17	274	5.9	13.10	116.4	0	0	0	
2003-Dec-30	6:17								Reset Total, Vol = 113.10 bbl
2003-Dec-30	6:17	278	5.9	13.66	117.2	0	0	0	
2003-Dec-30	6:18	287	5.9	14.07	1.2	0	0	0	
2003-Dec-30	6:18	269	4.8	14.37	3.1	0	0	0	
2003-Dec-30	6:18	260	4.9	14.84	4.7	0	0	0	
2003-Dec-30	6:19	265	4.8	15.24	6.3	0	0	0	
2003-Dec-30	6:19	265	4.8	15.05	7.9	0	0	0	
2003-Dec-30	6:19	287	5.8	14.78	9.6	0	0	0	
2003-Dec-30	6:20	297	5.8	14.73	11.5	0	0	0	
2003-Dec-30	6:20	306	5.8	14.88	13.4	0	0	0	
2003-Dec-30	6:20	315	5.7	15.13	15.3	0	0	0	
2003-Dec-30	6:21	315	5.7	15.23	17.3	0	0	0	
2003-Dec-30	6:21	320	5.7	15.15	19.2	0	0	0	
2003-Dec-30	6:21	310	5.7	14.99	21.1	0	0	0	
2003-Dec-30	6:22	315	5.7	14.84	23.0	0	0	0	
2003-Dec-30	6:22	338	5.7	14.77	24.9	0	0	0	
2003-Dec-30	6:22	324	5.7	14.81	26.8	0	0	0	
2003-Dec-30	6:23	310	5.2	15.03	28.6	0	0	0	
2003-Dec-30	6:23	306	5.1	15.24	30.3	0	0	0	
2003-Dec-30	6:23	292	5.1	15.33	32.0	0	0	0	
2003-Dec-30	6:24	278	5.1	14.82	33.8	0	0	0	
2003-Dec-30	6:24	223	3.7	14.69	35.3	0	0	0	
2003-Dec-30	6:24	214	3.0	14.67	36.5	0	0	0	
2003-Dec-30	6:24								Reset Total, Vol = 36.79 bbl
2003-Dec-30	6:24	210	0.3	14.66	36.8	0	0	0	
2003-Dec-30	6:24	141	0.0	14.65	0.0	0	0	0	
2003-Dec-30	6:24								End Tail Slurry
2003-Dec-30	6:25	114	0.0	14.64	0.0	0	0	0	
2003-Dec-30	6:25	114	0.0	14.64	0.0	0	0	0	
2003-Dec-30	6:25	118	0.0	14.64	0.0	0	0	0	
2003-Dec-30	6:25	114	0.0	14.61	0.0	0	0	0	
2003-Dec-30	6:25								Start Mixing Tail Slurry
2003-Dec-30	6:25								Reset Total, Vol = 0.00 bbl
2003-Dec-30	6:25	114	0.0	14.51	0.0	0	0	0	
2003-Dec-30	6:25	114	0.0	13.75	0.0	0	0	0	
2003-Dec-30	6:25								Drop Top Plug
2003-Dec-30	6:26	114	0.0	13.27	0.0	0	0	0	
2003-Dec-30	6:26	114	0.0	12.53	0.0	0	0	0	
2003-Dec-30	6:26	118	0.0	11.90	0.0	0	0	0	
2003-Dec-30	6:27	123	0.0	11.38	0.0	0	0	0	
2003-Dec-30	6:27								End Tail Slurry
2003-Dec-30	6:27	123	0.0	11.09	0.0	0	0	0	
2003-Dec-30	6:27	123	0.0	10.95	0.0	0	0	0	
2003-Dec-30	6:27	127	0.0	10.64	0.0	0	0	0	
2003-Dec-30	6:28	141	0.0	10.44	0.0	0	0	0	
2003-Dec-30	6:28	146	0.0	10.24	0.0	0	0	0	
2003-Dec-30	6:28	146	0.0	9.36	0.0	0	0	0	
2003-Dec-30	6:29	146	0.0	9.34	0.0	0	0	0	
2003-Dec-30	6:29	146	0.0	9.33	0.0	0	0	0	
2003-Dec-30	6:29	146	0.0	9.33	0.0	0	0	0	
2003-Dec-30	6:30	146	0.0	9.32	0.0	0	0	0	
2003-Dec-30	6:30	141	0.0	9.20	0.0	0	0	0	
2003-Dec-30	6:30	141	0.0	9.20	0.0	0	0	0	

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	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2003-Dec-30	6:30								Start Displacement
2003-Dec-30	6:30	141	0.0	9.24	0.0	0	0	0	ORIGINAL
2003-Dec-30	6:31	191	0.0	9.28	0.0	0	0	0	
2003-Dec-30	6:31	196	3.0	9.08	0.3	0	0	0	
2003-Dec-30	6:31	196	3.3	9.08	1.4	0	0	0	
2003-Dec-30	6:32	196	3.2	9.08	2.5	0	0	0	KCC
2003-Dec-30	6:32	196	3.6	8.54	3.7	0	0	0	
2003-Dec-30	6:32	196	3.6	8.48	4.9	0	0	0	APR 2 2004
2003-Dec-30	6:33	196	3.6	8.47	6.0	0	0	0	
2003-Dec-30	6:33	191	3.6	8.59	7.2	0	0	0	CONFIDENTIAL
2003-Dec-30	6:33	200	3.6	8.60	8.4	0	0	0	
2003-Dec-30	6:34	200	3.6	8.60	9.6	0	0	0	
2003-Dec-30	6:34	191	3.5	8.52	10.8	0	0	0	
2003-Dec-30	6:34	191	3.6	8.47	12.0	0	0	0	
2003-Dec-30	6:35	191	4.1	8.47	13.2	0	0	0	
2003-Dec-30	6:35	214	4.4	8.47	14.7	0	0	0	
2003-Dec-30	6:35	251	4.7	8.46	16.2	0	0	0	
2003-Dec-30	6:36	260	4.7	8.49	17.8	0	0	0	
2003-Dec-30	6:36	269	4.7	8.49	19.3	0	0	0	
2003-Dec-30	6:36	278	4.7	8.47	20.9	0	0	0	
2003-Dec-30	6:37	283	4.7	8.47	22.5	0	0	0	
2003-Dec-30	6:37	292	4.7	8.47	24.0	0	0	0	
2003-Dec-30	6:37	306	4.7	8.47	25.6	0	0	0	
2003-Dec-30	6:38	310	4.7	8.47	27.2	0	0	0	
2003-Dec-30	6:38	320	4.7	8.47	28.8	0	0	0	
2003-Dec-30	6:38	333	4.7	8.47	30.3	0	0	0	
2003-Dec-30	6:39	342	4.7	8.47	31.9	0	0	0	
2003-Dec-30	6:39	329	4.7	8.47	33.5	0	0	0	
2003-Dec-30	6:39	352	4.3	8.47	35.0	0	0	0	
2003-Dec-30	6:40	361	4.3	8.46	36.4	0	0	0	
2003-Dec-30	6:40	338	3.0	8.46	37.7	0	0	0	
2003-Dec-30	6:40	320	2.3	8.46	38.5	0	0	0	
2003-Dec-30	6:41	320	2.2	8.46	39.2	0	0	0	
2003-Dec-30	6:41	324	2.2	8.46	40.0	0	0	0	
2003-Dec-30	6:41	347	2.2	8.46	40.7	0	0	0	
2003-Dec-30	6:42	356	2.2	8.46	48.3	0	0	0	
2003-Dec-30	6:42	361	2.2	8.46	49.0	0	0	0	
2003-Dec-30	6:42	388	2.2	8.46	49.8	0	0	0	
2003-Dec-30	6:43	406	2.2	8.46	50.5	0	0	0	
2003-Dec-30	6:43	416	2.2	8.46	51.3	0	0	0	
2003-Dec-30	6:43	397	2.2	8.46	52.0	0	0	0	
2003-Dec-30	6:44	384	2.3	8.46	52.8	0	0	0	
2003-Dec-30	6:44	365	2.2	8.46	53.5	0	0	0	
2003-Dec-30	6:44	448	2.2	8.46	54.3	0	0	0	
2003-Dec-30	6:45	475	1.8	8.46	54.9	0	0	0	
2003-Dec-30	6:45	590	0.0	8.46	55.3	0	0	0	
2003-Dec-30	6:45	585	0.0	8.46	55.3	0	0	0	
2003-Dec-30	6:46	608	0.0	8.46	55.3	0	0	0	
2003-Dec-30	6:46	269	0.0	8.46	55.3	0	0	0	
2003-Dec-30	6:46								End Displacement
2003-Dec-30	6:46	200	0.0	8.46	55.3	0	0	0	
2003-Dec-30	6:46	187	0.0	8.46	55.3	0	0	0	
2003-Dec-30	6:47	187	0.0	8.46	55.3	0	0	0	
2003-Dec-30	6:47	187	0.0	8.46	55.3	0	0	0	

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Well WHITMAN BRENNAMAN #A-3		Field		Service Date 03364-Dec-30		Customer OXY USA, INC.		Job Number 2205544526	
Date	Time 24 hr clock	Treating Pressure psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	0	0	0	Message
2003-Dec-30	6:47					0	0	0	Shutdown
2003-Dec-30	6:47	191	0.0	8.46	55.3	0	0	0	
2003-Dec-30	6:47	191	0.0	8.46	55.3	0	0	0	
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2	
			5		156		10		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
500		200	500			bbl	lb/gal		
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	60 bbl		
%	156 bbl		54.2 bbl	°F	<input type="checkbox"/> Washed Thru Perfs	To	ft		
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> Circulation Lost <input type="checkbox"/> Job Completed			
Rep, Company			Landeros, Feliverto						

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