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ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

Form ACO-1

September 1999

Form Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905

API No. 15 - 129-21741-0000
County: Morton
- S/2 - SE - NW Sec 13 Twp. 33 S. R. 43W
2218 feet from S (N) (circle one) Line of Section
1966 feet from E (W) (circle one) Line of Section

Purchaser: _____
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200

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

Contractor: Name: Murfin Drilling Co., Inc.
License: 30606

Lease Name: Winter Morrow Unit Well #: 105W
Field Name: Winter

Wellsite Geologist: NA

Producing Formation: Morrow/Osage

Designate Type of Completion:

Elevation: Ground: 3572 Kelly Bushing: 3583

New Well Re-Entry Workover

Total Depth: 5687 Plug Back Total Depth: 5680

Oil SWD SIOW Temp. Abd.

Amount of Surface Pipe Set and Cemented at 1393 feet

Gas ENHR SIGW

Did you use Cementing Collar Used? Yes No

Dry Other (Core, WSW, Expl, Cathodic, etc)

If yes, show depth set 3208

If Workover/Re-entry: Old Well Info as follows:

If Alternate II completion, cement circulated from _____

Operator: _____

Depth to _____ w/ _____ sx cmt.

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Drilling Fluid Management Plan ALT I WITHM 11-29-06

Deepening Re-perf. Conv. To Enhr./SWD

(Data must be collected from the Reserve Pit)

Plug Back Plug Back Total Depth

Chloride content 1400 mg/l ppm Fluid volume 1700 bbls

Commingled Docket No. DMP 100401

Dewatering method used Evaporation

Dual Completion Docket No. _____

Location of fluid disposal if hauled offsite: _____

Other (SWD or Enhr.?) Docket No. _____

Operator Name: _____

08/30/04 09/07/04 10/05/04

Lease Name: _____ License No.: _____

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

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 December 22, 2004

Subscribed and sworn to before me this 22nd day of Dec.

Notary Public: Anita Peterson

Date Commission Expires: Oct. 1, 2005

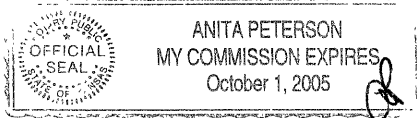
KCC Office Use Only

Letter of Confidentiality Attached
If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution



JAN 1980

Side Two

Operator Name: OXY USA Inc. Lease Name: Winter Morrow Unit Well #: 105W
 Sec. 13 Twp. 33 S. R. 43W East West County: Morton

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Morrow	4422	-839
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Keyes	4895	-1312
List All E. Logs Run:	Induction Neutron	Chester	4944	-1361
Microlog		St. Genevieve	5014	-1431
		St. Louis	5117	-1534
		Spergen	5252	-1669
		Warsaw	5293	-1710
		Osage	5502	-1919
		Kinderhook	5725	-2142

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	1393	C	515	35/65 POZ + Additives
					C	150	Class C + Additives
Production	7 7/8	5 1/2	15.5	5685	C	100	A-Serv Lite Common + Additives
					C	280	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	2500-3208	C	245	Port Collar @ 3208 - Class C + Additives (See attached cmt tkt)
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/type	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	5659-5671, 5658-5664, 5650-5654, 5610-5635	Acidize - 5100 gls 15% FE Acid	
4	4603-4614, 4585-4599, 4563-4581	Acidize - 4300 gls 7 1/2% FE Acid	

TUBING RECORD				Liner Run	
Size	Set At	Packer At	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
2 3/8	4525	4525			
Date of First, Resumed Production, SWD or Enhr. 10/14/04		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	Gas Mcf	Water Bbls	Gas-Oil Ratio	Gravity
			260		

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 5659-5635 Osage
(If vented, Submit ACO-18) Other (Specify) _____ 4603-4563 Morrow

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TREATMENT REPORT



Customer ID		Date	
Customer OXY USA		9-9-04	
Lease Winter Morrow Unit		Lease No.	Well # 105 W
Field Order # 7696	Station LIBERAL	Casing 5 1/2	Depth 5685
Type Job 5 1/2 L.S. (NW)		County MORTON	State KS
Formation		Legal Description 13-33-43W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid 100 SX A SERV 1.1c		RATE	PRESS	ISIP
Depth 5685	Depth	From	To	Pre Pad 280 SX 50/60 POZ	Max			5 Min.
Volume 134	Volume	From	To	Pad FREM	Min			KCC 10 Min.
Max Press 1500	Max Press	From	To	Frac 1000 gal MUD FLUSH	Avg			DEC 2 25 2004
Well Connection P.C.	Annulus Vol.	From	To		HHP Used			CONFIDENTIAL Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush WATER	Gas Volume			Total Load

Customer Representative Wes Williman	Station Manager JERRY BENNETT	Treater Shawn FREDERICK
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Service Units	108	28	38	44	70	75			
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Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
0310					ON LOCATION / CASING ON BOTTOM / RIG
					Cir
0320					PRE JOB SAFETY MEETING
0330					RIG up P.T.
0545					Hook lines to P.C.
0615	400		5	5	Pump 5 BBIs FRESH WATER
0617	400		24	5	Pump 1000 gal MUD FLUSH
0622	400		5	5	Pump 5 BBIs FRESH WATER
0624	400		38	5	Pump 100 SX A SERV 1.1c @ 12.2"
0631	200		71	5	Pump 280 SX 50/60 POZ Pcm @ 13.5"
0644					SHUT DOWN / Clear lines / Drop Plug
0653	100		134	6	Pump Disp
0626	1000		(124.0)	2	SLOW RATE
0730	1600			2	LAND Plug
0732					RELEASE FLOET - HELD
0740			6	2	Pump 25 SX 60/40 POZ RAT / MOUSE
0745					WASH lines to P.T
0830					JOB Complete
					LOST RETURNS with 51 BBIs TAIL CNT
					GAINED RETURNS with 28 BBIs Disp

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INVOICE NO.	Subject to Correction			FIELD ORDER	7696
Date 9-9-04	Lease Winter Morrow Unit	Well # 105W	Legal 13-33-43W		
Customer ID	County MORTON	State KS	Station LIBERAL		
CHARGE OXY USA	Depth 5685	Formation		Shoe Joint 44	
	Casing 5 1/2	Casing Depth 5685	TD 5688	Job Type 5 1/2 L.S. (NW)	
Customer Representative Wes Williams			Treater Shawn FREDERICK		

(MURKIN 20)

AFE Number	PO Number	Materials Received by	X Wes Williams
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D104	280 SX	50/50 POZ (Perm)				
D206	100 SX	A SERV LITE (Common)				
D203	25 SX	600/40 POZ (Common) R-M				
C310	174 lb	CALCIUM CHLORIDE				
C194	22 lb	CELLULANE				
C195	189 lb	FLA-32L				
C311	1180 lb	CAL-SET				
C243	402 lb	Defoamer				
C140	456 lb	KCL				
C321	1180 lb	G. Isomite				
F143	1 ea	TOP RUBBER Plug 5 1/2				
F151	1 ea	BOTTOM RUBBER Plug 5 1/2				
C302	1000 gal	MUD FLUSH				
E107	405 SX	Ant Service Charge				
E101	85 m.	P.U. Mileage				
E100	85 m.	UNITS 1 MILES 1 way				
E104	1475 Tm	TONS 17 MILES 85				
R212	1 ea	EA. 4 hrs PUMP CHARGE				
Discounted TOTAL						8,998.41
PLUS TAX						

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

TOTAL

As consideration, the Customer agrees:

- a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:
1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.
- The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES, LLC against any damages from the use of such information.
- d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.
- e) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.
- f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.

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Cementing Service Report

Customer OXY USA, INC.	Job Number 2205546974
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Well WMU 105W		Location (legal)		Schlumberger Location Perryton, TX		Job Start 2004-Sep-15	
Field		Formation Name/Type		Deviation		Well TVD	
County MORTON		State/Province KANSAS		Bit Size 7.88 in		Well MD 3,200 ft	
Well Master: 0630626838		API / UWI:		BHP psi		BHST 112 °F	
Rig Name		Service Via		BHCCT °F		Pore Press. Gradient psi/ft	
Drilled For Oil & Gas		Well Class New		Well Type Development		Casing/Liner	
Offshore Zone		Well Class New		Well Type Development		Casing/Liner	
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cp		Casing/Liner	
Service Line Cementing		Job Type Cem Prod Casing		Depth, ft		Size, in	
Max. Allowed Tubing Pressure psi		Max. Allowed Ann. Pressure psi		WellHead Connection 5 1/2" H&SM		Weight, lb/ft	
Service Instructions CEMENT PORT COLLAR PROD 5 1/2" CASING: 20 BBLs CW100 195 SKS CLASS C + 3% D079 + 0.2 % D046 + 0.25 PPS D029 50 SKS CLASS C + 2% S001		Max. Density lb/gal		Plastic Viscosity cp		Grade	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Depth, ft		Size, in	
Lift Pressure: psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Weight, lb/ft	
No. Centralizers: Top Plugs:		Bottom Plugs:		Depth, ft		Size, in	
Cement Head Type:		Arrived on Location: 2004-Sep-15 9:00		Leave Location: 2004-Sep-15 12:30		Grade	
Job Scheduled For:		Arrived on Location: 2004-Sep-15 9:00		Leave Location: 2004-Sep-15 12:30		Weight, lb/ft	
Date		Time		Treating Pressure psi		Flow Rate bbl/min	
2004-Sep-15		9:54		5		0.0	
2004-Sep-15		9:54		0		0.0	
2004-Sep-15		9:54		0		0.0	
2004-Sep-15		9:55		0		0.0	
2004-Sep-15		9:55		18		0.5	
2004-Sep-15		9:56		1360		0.1	
2004-Sep-15		9:56		2499		0.0	
2004-Sep-15		9:57		2357		0.0	
2004-Sep-15		9:57		14		0.0	
2004-Sep-15		9:58		14		0.0	
2004-Sep-15		9:58		14		0.0	
2004-Sep-15		9:59		23		0.5	
2004-Sep-15		9:59		330		0.9	
2004-Sep-15		10:00		1282		1.0	
2004-Sep-15		10:00		1753		0.0	
2004-Sep-15		10:01		1744		0.0	
2004-Sep-15		10:01		1744		0.0	
2004-Sep-15		10:01		1739		0.0	
2004-Sep-15		10:02		1739		0.0	
2004-Sep-15		10:02		1474		0.0	
2004-Sep-15		10:03		14		0.0	

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Well		Field			Service Date		Customer		Job Number
WMU #105W					04259-Sep-15		OXY USA, INC.		2205546974
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2004-Sep-15	10:03	5	0.0	8.37	0.0	0	0	0	
2004-Sep-15	10:04	5	0.0	8.37	0.0	0	0	0	
2004-Sep-15	10:04	0	0.0	8.37	0.0	0	0	0	
2004-Sep-15	10:05	0	0.0	8.37	0.0	0	0	0	
2004-Sep-15	10:05	9	0.0	8.40	0.0	0	0	0	
2004-Sep-15	10:05								Start Pumping Wash
2004-Sep-15	10:05	14	0.0	8.51	0.0	0	0	0	
2004-Sep-15	10:06	9	1.4	8.44	0.8	0	0	0	
2004-Sep-15	10:06	14	1.3	8.39	1.4	0	0	0	
2004-Sep-15	10:07	92	1.9	8.38	2.2	0	0	0	
2004-Sep-15	10:07	92	1.9	8.38	3.1	0	0	0	
2004-Sep-15	10:08	110	1.8	8.38	4.1	0	0	0	
2004-Sep-15	10:08	220	2.5	8.39	5.2	0	0	0	
2004-Sep-15	10:09	233	2.5	8.40	6.4	0	0	0	
2004-Sep-15	10:09	243	2.5	8.40	7.7	0	0	0	
2004-Sep-15	10:10	261	2.5	8.40	8.9	0	0	0	
2004-Sep-15	10:10	266	2.4	8.39	10.2	0	0	0	
2004-Sep-15	10:11	275	2.6	8.67	11.4	0	0	0	
2004-Sep-15	10:11	288	2.5	8.41	12.7	0	0	0	
2004-Sep-15	10:12	307	2.5	8.40	13.9	0	0	0	
2004-Sep-15	10:12	320	2.5	8.40	15.2	0	0	0	
2004-Sep-15	10:13	325	2.3	8.58	16.5	0	0	0	
2004-Sep-15	10:13	348	2.5	8.42	17.7	0	0	0	
2004-Sep-15	10:14	362	2.5	8.45	18.9	0	0	0	
2004-Sep-15	10:14	380	2.4	8.38	20.2	0	0	0	
2004-Sep-15	10:14								End Wash
2004-Sep-15	10:14	426	2.6	8.38	20.6	0	0	0	
2004-Sep-15	10:15								Reset Total, Vol = 20.66 bbl
2004-Sep-15	10:15	444	2.7	8.38	20.7	0	0	0	
2004-Sep-15	10:15	458	2.8	8.38	0.1	0	0	0	
2004-Sep-15	10:15								Start Pumping Spacer
2004-Sep-15	10:15	522	3.1	8.38	0.9	0	0	0	
2004-Sep-15	10:15	504	3.0	8.41	2.4	0	0	0	
2004-Sep-15	10:16	508	2.9	9.58	4.0	0	0	0	
2004-Sep-15	10:16								End Spacer
2004-Sep-15	10:16	490	2.9	10.99	5.1	0	0	0	
2004-Sep-15	10:16								Reset Total, Vol = 5.17 bbl
2004-Sep-15	10:16	490	2.9	11.02	5.2	0	0	0	
2004-Sep-15	10:16	490	2.9	11.06	0.1	0	0	0	
2004-Sep-15	10:16								Start Mixing Lead Slurry
2004-Sep-15	10:16	481	3.0	11.13	0.2	0	0	0	
2004-Sep-15	10:17	412	2.9	12.11	1.7	0	0	0	
2004-Sep-15	10:17	421	2.9	12.16	3.2	0	0	0	
2004-Sep-15	10:18	385	3.0	12.10	4.7	0	0	0	
2004-Sep-15	10:18	330	3.0	11.72	6.2	0	0	0	
2004-Sep-15	10:19	302	3.0	11.40	7.7	0	0	0	
2004-Sep-15	10:19	279	3.0	11.93	9.2	0	0	0	
2004-Sep-15	10:20	238	3.1	12.14	10.7	0	0	0	
2004-Sep-15	10:20	206	3.1	11.96	12.2	0	0	0	
2004-Sep-15	10:21	55	3.2	11.79	13.8	0	0	0	
2004-Sep-15	10:21	238	3.1	12.11	15.4	0	0	0	
2004-Sep-15	10:22	256	3.1	12.25	17.0	0	0	0	
2004-Sep-15	10:22	256	3.1	12.09	18.5	0	0	0	
2004-Sep-15	10:23	201	3.1	12.21	20.1	0	0	0	

Well		Field			Service Date		Customer		Job Number
WMU #105W					04259-Sep-15		OXY USA, INC.		2205546974
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2004-Sep-15	10:23	256	3.1	12.18	21.7	0	0	0	
2004-Sep-15	10:24	252	3.1	12.12	23.2	0	0	0	
2004-Sep-15	10:24	266	3.1	12.23	24.8	0	0	0	
2004-Sep-15	10:25	266	3.1	12.22	26.3	0	0	0	
2004-Sep-15	10:25	261	3.1	12.19	27.9	0	0	0	
2004-Sep-15	10:26	270	3.1	12.32	29.4	0	0	0	
2004-Sep-15	10:26	279	3.1	12.17	31.0	0	0	0	
2004-Sep-15	10:27	279	3.1	12.31	32.5	0	0	0	
2004-Sep-15	10:27	279	3.1	12.20	34.1	0	0	0	
2004-Sep-15	10:28	284	3.1	12.15	35.6	0	0	0	
2004-Sep-15	10:28	288	3.1	12.10	37.1	0	0	0	
2004-Sep-15	10:29	284	3.1	12.01	38.7	0	0	0	
2004-Sep-15	10:29	298	3.1	11.97	40.2	0	0	0	
2004-Sep-15	10:30	293	3.1	12.01	41.8	0	0	0	
2004-Sep-15	10:30	298	3.1	12.01	43.3	0	0	0	
2004-Sep-15	10:31	302	3.1	12.01	44.8	0	0	0	
2004-Sep-15	10:31	311	3.1	12.01	46.4	0	0	0	
2004-Sep-15	10:32	316	3.1	12.05	47.9	0	0	0	
2004-Sep-15	10:32	316	3.1	12.15	49.4	0	0	0	
2004-Sep-15	10:33	311	3.0	12.15	51.0	0	0	0	
2004-Sep-15	10:33	311	3.0	12.27	52.5	0	0	0	
2004-Sep-15	10:34	320	3.1	12.09	54.1	0	0	0	
2004-Sep-15	10:34	316	3.1	12.57	55.6	0	0	0	
2004-Sep-15	10:35	316	3.1	12.43	57.1	0	0	0	
2004-Sep-15	10:35	307	3.1	12.17	58.6	0	0	0	
2004-Sep-15	10:36	316	3.0	11.98	60.2	0	0	0	
2004-Sep-15	10:36	325	3.0	11.73	61.7	0	0	0	
2004-Sep-15	10:37	330	3.0	11.96	63.2	0	0	0	
2004-Sep-15	10:37	343	3.0	12.47	64.7	0	0	0	
2004-Sep-15	10:38	339	3.0	12.16	66.3	0	0	0	
2004-Sep-15	10:38	343	3.0	12.21	67.8	0	0	0	
2004-Sep-15	10:39	343	3.0	12.06	69.3	0	0	0	
2004-Sep-15	10:39	357	3.0	11.81	70.8	0	0	0	
2004-Sep-15	10:40	366	3.0	11.89	72.3	0	0	0	
2004-Sep-15	10:40	366	3.0	12.04	73.8	0	0	0	
2004-Sep-15	10:41	375	3.0	11.95	75.4	0	0	0	
2004-Sep-15	10:41	375	3.0	11.95	76.9	0	0	0	
2004-Sep-15	10:42	380	3.0	12.22	78.4	0	0	0	
2004-Sep-15	10:42	64	2.0	12.82	79.5	0	0	0	
2004-Sep-15	10:43	64	0.2	14.07	79.9	0	0	0	
2004-Sep-15	10:43								End Lead Slurry
2004-Sep-15	10:43								Reset Total, Vol = 79.92 bbl
2004-Sep-15	10:43	64	0.1	14.33	79.9	0	0	0	
2004-Sep-15	10:43								Start Mixing Tail Slurry
2004-Sep-15	10:43	64	0.8	14.49	0.0	0	0	0	
2004-Sep-15	10:43	64	1.4	14.55	0.0	0	0	0	
2004-Sep-15	10:43	435	3.2	14.66	1.4	0	0	0	
2004-Sep-15	10:44	458	3.2	14.85	3.0	0	0	0	
2004-Sep-15	10:44	435	3.2	14.43	4.7	0	0	0	
2004-Sep-15	10:45	417	3.2	14.75	6.3	0	0	0	
2004-Sep-15	10:45	398	3.2	14.62	7.9	0	0	0	
2004-Sep-15	10:46	389	3.2	14.61	9.5	0	0	0	
2004-Sep-15	10:46	380	3.2	14.94	11.1	0	0	0	
2004-Sep-15	10:47	366	3.2	14.36	12.7	0	0	0	

Well		Field			Service Date		Customer		Job Number
WMU #105W					04259-Sep-15		OXY USA, INC.		2205546974
Date	Time 24 hr clock	Treating Pressure psi	Flow Rate bbl/min	CMT DENS lb/gal	Volume bbl	0	0	0	Message
2004-Sep-15	10:47	101	2.9	14.36	14.2	0	0	0	
2004-Sep-15	10:48	-5	0.0	14.30	14.6	0	0	0	
2004-Sep-15	10:48								End Tail Slurry
2004-Sep-15	10:48	-5	0.0	14.24	14.6	0	0	0	
2004-Sep-15	10:48								Reset Total, Vol = 14.57 bbl
2004-Sep-15	10:48	-5	0.0	14.23	0.0	0	0	0	
2004-Sep-15	10:48	-5	0.0	9.41	0.0	0	0	0	
2004-Sep-15	10:49								Start Displacement
2004-Sep-15	10:49	55	0.0	8.92	0.0	0	0	0	
2004-Sep-15	10:49	50	0.0	8.85	0.0	0	0	0	
2004-Sep-15	10:49	50	1.6	8.81	0.1	0	0	0	
2004-Sep-15	10:50	417	2.9	8.84	1.4	0	0	0	
2004-Sep-15	10:50	508	3.0	8.84	5.1	0	0	0	
2004-Sep-15	10:51	572	3.0	8.39	6.6	0	0	0	
2004-Sep-15	10:51	650	3.0	8.38	8.1	0	0	0	
2004-Sep-15	10:52	764	3.1	8.38	9.6	0	0	0	
2004-Sep-15	10:52	842	3.1	8.38	11.1	0	0	0	
2004-Sep-15	10:53								End Displacement
2004-Sep-15	10:53	233	0.0	8.38	12.0	0	0	0	
2004-Sep-15	10:53	462	0.0	8.38	12.0	0	0	0	
2004-Sep-15	10:53								Reset Total, Vol = 11.97 bbl
2004-Sep-15	10:53	439	0.0	8.38	0.0	0	0	0	
2004-Sep-15	10:53	352	0.0	8.38	0.0	0	0	0	
2004-Sep-15	10:54	339	0.0	8.38	0.0	0	0	0	
2004-Sep-15	10:54	421	0.4	8.38	0.1	0	0	0	
2004-Sep-15	10:55	490	0.6	8.38	0.3	0	0	0	
2004-Sep-15	10:55	517	0.8	8.38	0.7	0	0	0	
2004-Sep-15	10:56	458	0.0	8.38	0.7	0	0	0	
2004-Sep-15	10:56	444	0.0	8.38	0.7	0	0	0	
2004-Sep-15	10:57	435	0.0	8.38	0.7	0	0	0	
2004-Sep-15	10:57	430	0.0	8.38	0.7	0	0	0	
2004-Sep-15	10:58	430	0.0	8.38	0.7	0	0	0	
2004-Sep-15	10:58	430	0.0	8.38	0.7	0	0	0	
2004-Sep-15	10:59	426	0.0	8.38	0.7	0	0	0	
2004-Sep-15	10:59	426	0.0	8.38	0.7	0	0	0	
2004-Sep-15	11:00	728	0.6	8.38	0.9	0	0	0	
2004-Sep-15	11:00	1135	0.0	8.38	1.1	0	0	0	
2004-Sep-15	11:01	1126	0.0	8.38	1.1	0	0	0	
2004-Sep-15	11:01	1492	1.0	8.38	1.2	0	0	0	
2004-Sep-15	11:02	1762	0.0	8.38	1.4	0	0	0	
2004-Sep-15	11:02	1781	0.0	8.38	1.4	0	0	0	
2004-Sep-15	11:02								Test tool
2004-Sep-15	11:02	1762	0.0	8.38	0.0	0	0	0	
2004-Sep-15	11:03	1451	0.0	8.38	0.0	0	0	0	
2004-Sep-15	11:03	27	0.0	8.38	0.0	0	0	0	
2004-Sep-15	11:04	55	0.0	8.38	0.0	0	0	0	
2004-Sep-15	11:04	92	0.0	8.39	0.0	0	0	0	
2004-Sep-15	11:05	92	0.0	8.39	0.0	0	0	0	
2004-Sep-15	11:05	27	0.0	8.39	0.0	0	0	0	
2004-Sep-15	11:06	-5	0.0	8.39	0.0	0	0	0	
2004-Sep-15	11:06	-5	0.0	8.39	0.0	0	0	0	
2004-Sep-15	11:07	0	0.0	8.39	0.0	0	0	0	
2004-Sep-15	11:07	0	0.0	8.39	0.0	0	0	0	
2004-Sep-15	11:08	-5	0.0	8.39	0.0	0	0	0	

Well		Field			Service Date		Customer		Job Number
WMU #105W					04259-Sep-15		OXY USA, INC.		2205546974
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2004-Sep-15	11:08	-5	0.0	8.38	0.0	0	0	0	
2004-Sep-15	11:09	27	0.0	8.38	0.0	0	0	0	
2004-Sep-15	11:09	50	4.0	8.38	1.7	0	0	0	
2004-Sep-15	11:10	50	4.1	8.37	3.7	0	0	0	
2004-Sep-15	11:10	50	4.1	8.34	5.8	0	0	0	
2004-Sep-15	11:11	46	4.0	8.30	7.8	0	0	0	
2004-Sep-15	11:20	87	0.5	8.36	0.0	0	0	0	
2004-Sep-15	11:20								Start Reverse out
2004-Sep-15	11:20	169	1.3	8.37	0.4	0	0	0	
2004-Sep-15	11:21	197	1.4	8.37	1.0	0	0	0	
2004-Sep-15	11:21	481	3.0	8.37	2.2	0	0	0	
2004-Sep-15	11:22	600	3.2	8.37	3.7	0	0	0	
2004-Sep-15	11:22	604	3.2	8.37	5.3	0	0	0	
2004-Sep-15	11:23	600	3.2	8.37	6.9	0	0	0	
2004-Sep-15	11:23	586	3.2	8.37	8.5	0	0	0	
2004-Sep-15	11:24	572	3.2	8.37	10.1	0	0	0	
2004-Sep-15	11:24	554	3.2	8.37	11.7	0	0	0	
2004-Sep-15	11:25	490	3.2	8.37	13.3	0	0	0	
2004-Sep-15	11:25	439	3.2	8.37	14.9	0	0	0	
2004-Sep-15	11:26	430	3.2	8.37	16.5	0	0	0	
2004-Sep-15	11:26	430	3.2	8.37	18.1	0	0	0	
2004-Sep-15	11:27	430	3.2	8.37	19.7	0	0	0	
2004-Sep-15	11:27	430	3.2	8.37	21.3	0	0	0	
2004-Sep-15	11:28	435	3.2	8.37	22.9	0	0	0	
2004-Sep-15	11:28	435	3.2	8.37	24.5	0	0	0	
2004-Sep-15	11:29	-9	0.0	8.37	25.0	0	0	0	
2004-Sep-15	11:29	-9	0.0	8.37	25.0	0	0	0	
2004-Sep-15	11:29								Reset Total, Vol = 25.01 bbl
2004-Sep-15	11:29	23	0.0	8.37	25.0	0	0	0	
2004-Sep-15	11:30	82	0.6	8.37	0.0	0	0	0	
2004-Sep-15	11:30	751	0.9	8.37	0.4	0	0	0	
2004-Sep-15	11:31	1726	0.6	8.37	0.9	0	0	0	
2004-Sep-15	11:31	1817	0.0	8.37	0.9	0	0	0	
2004-Sep-15	11:31								Final test collar
2004-Sep-15	11:31	1817	0.0	8.37	0.9	0	0	0	
2004-Sep-15	11:32	1817	0.0	8.37	0.9	0	0	0	
2004-Sep-15	11:32	1817	0.0	8.37	0.9	0	0	0	
2004-Sep-15	11:33	1813	0.0	8.37	0.9	0	0	0	
2004-Sep-15	11:33	1813	0.0	8.37	0.9	0	0	0	
2004-Sep-15	11:34	1808	0.0	8.37	0.9	0	0	0	
2004-Sep-15	11:34	1808	0.0	8.37	0.9	0	0	0	
2004-Sep-15	11:35	1808	0.0	8.37	0.9	0	0	0	
2004-Sep-15	11:35	1808	0.0	8.37	0.9	0	0	0	
2004-Sep-15	11:36	1804	0.0	8.37	0.9	0	0	0	
2004-Sep-15	11:36	1804	0.0	8.37	0.9	0	0	0	
2004-Sep-15	11:37	1804	0.0	8.37	0.9	0	0	0	
2004-Sep-15	11:37	1804	0.0	8.37	0.9	0	0	0	
2004-Sep-15	11:38	1378	0.0	8.37	0.9	0	0	0	
2004-Sep-15	11:38	-5	0.0	8.37	0.9	0	0	0	
2004-Sep-15	11:39								End Job
2004-Sep-15	11:39	-5	0.0	8.37	0.9	0	0	0	

Well		Field			Service Date		Customer			Job Number	
WMU #105W					04259-Sep-15		OXY USA, INC.			2205546974	
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message		
	24 hr clock	psi	bbl/min	lb/gal	bbl	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			
3	0	0	3		94	0	25				
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		<input type="checkbox"/> Washed Thru Perfs To ft			
%	96 bbl		12 bbl		°F						
Customer or Authorized Representative				Schlumberger Supervisor				<input type="checkbox"/> CirculationLost <input checked="" type="checkbox"/> Job Completed			
Fillpot, Gregg				Ahrends, Timothy							



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Cementing Service Report

Customer OXY USA, INC.	Job Number 2205546899
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Well KCC WMSU 105W	Location (legal) Perryton, TX	Schlumberger Location Perryton, TX	Job Start 2004-Aug-31
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Formation Name/Type	Deviation	Bit Size 12.3 in	Well MD 1,395 ft	Well TVD 1,395 ft
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State/Province KANSAS	BHP psi	BHST 94.5 °F	BHCT °F	Pore Press. Gradient psi/ft
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Well Master: 0630623363	API / UWI:	Casing/Liner
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Rig Name	Drilled For Oil & Gas	Service Via	Depth, ft 1406	Size, in 8.63	Weight, lb/ft 24	Grade	Thread
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Offshore Zone	Well Class New	Well Type Development	Tubing/Drill Pipe				
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Drilling Fluid Type	Max. Density lb/gal	Plastic Viscosity cp	Depth	Size, in	Weight, lb/ft	Grade	Thread
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Service Line Cementing	Job Type Cem Surface Casing	Perforations/Open Hole				
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Max. Allowed Tubing Pressure psi	Max. Allowed Ann. Pressure psi	Wellhead Connection 8 5/8" H&SM	Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft
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Service Instructions CEMENT SURFACE 8 5/8" CASING 10 BBLS FRESH WATER 515 SK 35:65 POZ:CLASS C+6% D020 + 2% S001 + 0.5 PPS D029 150 SK CLASS C + 2 % S001+ 0.25 PPS D029				Treat Down Casing	Displacement 86.8 bbl	Packer Type	Packer Depth ft
				Tubing Vol. bbl	Casing Vol. 89.6 bbl	Annular Vol. 102.5 bbl	OpenHole Vol 193 bbl

Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>	Casing Tools		Squeeze Job	
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Lift Pressure: 350 psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Type:	Shoe Depth: 1406 ft	Squeeze Type
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No. Centralizers:	Top Plugs: 1	Bottom Plugs:	Stage Tool Type	Stage Tool Depth: ft	Tool Depth: ft
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Cement Head Type: Single	Job Scheduled For:	Arrived on Location: 2004-Aug-31 17:00	Leave Location: 2004-Aug-31 19:30	Collar Type:	Collar Depth: 1362 ft	Tail Pipe Size: in	Tail Pipe Depth: ft
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Date	Time	Treating Pressure psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	0	0	0	0
2004-Aug-31	17:52	0	0.0	8.34	0.0	0	0	0	0
2004-Aug-31	17:52								
2004-Aug-31	17:52	5	0.0	8.34	0.0	0	0	0	0
2004-Aug-31	17:52	1776	1.4	8.33	0.1	0	0	0	0
2004-Aug-31	17:53	1918	0.0	8.33	0.1	0	0	0	0
2004-Aug-31	17:53	1826	0.0	8.33	0.1	0	0	0	0
2004-Aug-31	17:53								
2004-Aug-31	17:53	1813	0.0	8.33	0.1	0	0	0	0
2004-Aug-31	17:54	46	0.0	8.33	0.1	0	0	0	0
2004-Aug-31	17:54	41	0.0	8.34	0.1	0	0	0	0
2004-Aug-31	17:54								
2004-Aug-31	17:54	73	3.4	8.34	0.2	0	0	0	0
2004-Aug-31	17:55	64	4.9	8.34	2.6	0	0	0	0
2004-Aug-31	17:55	87	6.0	8.34	5.6	0	0	0	0
2004-Aug-31	17:56	92	6.0	8.34	8.6	0	0	0	0
2004-Aug-31	17:56								
2004-Aug-31	17:56	92	6.0	8.38	9.7	0	0	0	0
2004-Aug-31	17:56	96	6.0	8.61	10.2	0	0	0	0
2004-Aug-31	17:56								
2004-Aug-31	17:56								
2004-Aug-31	17:56	110	5.9	8.89	10.7	0	0	0	0
2004-Aug-31	17:56	110	6.0	9.42	0.9	0	0	0	0

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Well		Field			Service Date		Customer			Job Number
WMSU #105W					04244-Aug-31		OXY USA, INC.			2205546899
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message	
	24 hr clock	psi	bbt/min	lb/gal	bbt	0	0	0		
2004-Aug-31	17:57	137	5.8	10.80	3.8	0	0	0		
2004-Aug-31	17:57	165	6.1	11.62	6.9	0	0	0		
2004-Aug-31	17:58	174	6.1	12.05	9.9	0	0	0		
2004-Aug-31	17:58	174	6.1	12.06	13.0	0	0	0		
2004-Aug-31	17:59	174	6.1	12.12	16.0	0	0	0		
2004-Aug-31	17:59	160	6.2	12.08	19.1	0	0	0		
2004-Aug-31	18:00	165	6.2	12.08	22.2	0	0	0		
2004-Aug-31	18:00	165	6.2	12.09	25.3	0	0	0		
2004-Aug-31	18:01	160	6.2	12.11	28.4	0	0	0		
2004-Aug-31	18:01	156	6.2	12.11	31.5	0	0	0		
2004-Aug-31	18:02	156	6.2	12.12	34.5	0	0	0		
2004-Aug-31	18:02	156	6.2	12.13	37.7	0	0	0		
2004-Aug-31	18:03	142	6.2	12.10	40.8	0	0	0		
2004-Aug-31	18:03	142	6.2	12.05	43.9	0	0	0		
2004-Aug-31	18:04	142	6.2	12.01	47.0	0	0	0		
2004-Aug-31	18:04	137	6.2	11.99	50.1	0	0	0		
2004-Aug-31	18:05	137	6.2	11.98	53.2	0	0	0		
2004-Aug-31	18:05	137	6.2	12.05	56.3	0	0	0		
2004-Aug-31	18:06	146	6.2	12.11	59.4	0	0	0		
2004-Aug-31	18:06	142	6.2	12.14	62.5	0	0	0		
2004-Aug-31	18:07	142	6.2	12.18	65.6	0	0	0		
2004-Aug-31	18:07	137	6.2	11.83	68.7	0	0	0		
2004-Aug-31	18:08	137	6.2	11.95	71.8	0	0	0		
2004-Aug-31	18:08	151	6.2	12.69	74.9	0	0	0		
2004-Aug-31	18:09	151	6.2	12.39	78.0	0	0	0		
2004-Aug-31	18:09	142	6.2	12.03	81.1	0	0	0		
2004-Aug-31	18:10	137	6.2	11.93	84.2	0	0	0		
2004-Aug-31	18:10	137	6.2	11.96	87.3	0	0	0		
2004-Aug-31	18:11	137	6.2	11.96	90.4	0	0	0		
2004-Aug-31	18:11	142	6.2	11.95	93.5	0	0	0		
2004-Aug-31	18:12	137	6.2	12.05	96.6	0	0	0		
2004-Aug-31	18:12	146	6.2	12.33	99.7	0	0	0		
2004-Aug-31	18:13	151	6.2	12.45	102.8	0	0	0		
2004-Aug-31	18:13	146	6.2	12.34	105.9	0	0	0		
2004-Aug-31	18:14	174	6.7	12.43	109.2	0	0	0		
2004-Aug-31	18:14	174	6.7	12.41	112.6	0	0	0		
2004-Aug-31	18:15	174	6.7	12.43	116.0	0	0	0		
2004-Aug-31	18:15	169	6.7	12.21	119.3	0	0	0		
2004-Aug-31	18:16	165	6.7	12.10	122.7	0	0	0		
2004-Aug-31	18:16	169	6.7	12.21	126.1	0	0	0		
2004-Aug-31	18:17	165	6.7	12.23	129.4	0	0	0		
2004-Aug-31	18:17	169	6.7	12.08	132.8	0	0	0		
2004-Aug-31	18:18	165	6.7	11.98	136.1	0	0	0		
2004-Aug-31	18:18	160	6.7	12.01	139.5	0	0	0		
2004-Aug-31	18:19	169	6.7	12.31	142.8	0	0	0		
2004-Aug-31	18:19	169	6.7	12.26	146.2	0	0	0		
2004-Aug-31	18:20	169	6.7	12.14	149.5	0	0	0		
2004-Aug-31	18:20	165	6.7	12.05	152.9	0	0	0		
2004-Aug-31	18:21	165	6.7	12.11	156.2	0	0	0		
2004-Aug-31	18:21	169	6.7	12.11	159.6	0	0	0		
2004-Aug-31	18:22	165	6.7	12.05	162.9	0	0	0		
2004-Aug-31	18:22	174	6.7	12.30	166.3	0	0	0		
2004-Aug-31	18:23	179	6.7	12.37	169.6	0	0	0		
2004-Aug-31	18:23	179	6.7	12.29	173.0	0	0	0		

Well		Field			Service Date		Customer		Job Number
WMSU #105W					04244-Aug-31		OXY USA, INC.		2205546899
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2004-Aug-31	18:24	183	6.7	12.30	176.3	0	0	0	
2004-Aug-31	18:24	179	6.7	12.24	179.7	0	0	0	
2004-Aug-31	18:25	188	6.7	12.14	183.0	0	0	0	
2004-Aug-31	18:25	192	6.7	12.06	186.4	0	0	0	
2004-Aug-31	18:26	197	6.6	12.11	189.8	0	0	0	
2004-Aug-31	18:26	201	6.6	12.14	193.2	0	0	0	
2004-Aug-31	18:27	211	6.7	12.11	196.5	0	0	0	
2004-Aug-31	18:27	206	6.6	12.04	199.8	0	0	0	
2004-Aug-31	18:28	215	6.6	12.22	203.1	0	0	0	
2004-Aug-31	18:28	105	4.1	12.63	205.7	0	0	0	
2004-Aug-31	18:29	142	5.1	13.40	207.8	0	0	0	
2004-Aug-31	18:29								Reset Total, Vol = 208.23 bbl
2004-Aug-31	18:29	160	5.1	13.50	208.2	0	0	0	
2004-Aug-31	18:29								End Lead Slurry
2004-Aug-31	18:29	169	4.7	13.65	209.0	0	0	0	
2004-Aug-31	18:29								Start Mixing Tail Slurry
2004-Aug-31	18:29	160	4.2	13.66	209.1	0	0	0	
2004-Aug-31	18:29	137	4.5	13.88	210.2	0	0	0	
2004-Aug-31	18:30	151	4.5	14.65	212.5	0	0	0	
2004-Aug-31	18:30	284	6.6	14.83	215.7	0	0	0	
2004-Aug-31	18:31	275	6.6	14.59	219.0	0	0	0	
2004-Aug-31	18:31	266	6.6	14.68	222.3	0	0	0	
2004-Aug-31	18:32	266	6.7	14.71	225.7	0	0	0	
2004-Aug-31	18:32	238	6.2	14.74	229.0	0	0	0	
2004-Aug-31	18:33	220	6.2	14.70	232.1	0	0	0	
2004-Aug-31	18:33	215	6.2	14.67	235.2	0	0	0	
2004-Aug-31	18:34	201	6.2	14.69	238.3	0	0	0	
2004-Aug-31	18:34	169	5.5	14.78	241.2	0	0	0	
2004-Aug-31	18:35	55	0.0	14.75	243.6	0	0	0	
2004-Aug-31	18:35								End Tail Slurry
2004-Aug-31	18:35	0	0.0	14.70	243.6	0	0	0	
2004-Aug-31	18:35	5	0.0	9.53	243.6	0	0	0	
2004-Aug-31	18:36	5	0.0	8.85	243.6	0	0	0	
2004-Aug-31	18:36	0	0.0	8.84	243.6	0	0	0	
2004-Aug-31	18:37	5	0.0	9.23	243.6	0	0	0	
2004-Aug-31	18:37	73	0.0	9.07	243.6	0	0	0	
2004-Aug-31	18:37								Reset Total, Vol = 35.40 bbl
2004-Aug-31	18:37	73	0.0	9.07	243.6	0	0	0	
2004-Aug-31	18:38	87	6.1	9.06	245.7	0	0	0	
2004-Aug-31	18:38	73	6.2	8.73	248.8	0	0	0	
2004-Aug-31	18:39	96	6.1	8.66	251.8	0	0	0	
2004-Aug-31	18:39	96	6.1	8.49	254.9	0	0	0	
2004-Aug-31	18:40	96	6.1	8.45	257.9	0	0	0	
2004-Aug-31	18:40	110	6.1	8.38	260.9	0	0	0	
2004-Aug-31	18:41	119	6.0	8.38	264.0	0	0	0	
2004-Aug-31	18:41	124	6.1	8.39	267.0	0	0	0	
2004-Aug-31	18:42	137	6.0	8.38	270.0	0	0	0	
2004-Aug-31	18:42	142	6.0	8.38	273.1	0	0	0	
2004-Aug-31	18:43	151	6.0	8.38	276.1	0	0	0	
2004-Aug-31	18:43	160	6.0	8.38	279.1	0	0	0	
2004-Aug-31	18:44	174	6.0	8.38	282.1	0	0	0	
2004-Aug-31	18:44	183	5.9	8.38	285.0	0	0	0	
2004-Aug-31	18:45	192	5.9	8.38	288.0	0	0	0	
2004-Aug-31	18:45	206	6.0	8.38	291.0	0	0	0	

Well		Field			Service Date		Customer			Job Number
WMSU #105W					04244-Aug-31		OXY USA, INC.			2205546899
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message	
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0		
2004-Aug-31	18:46	238	6.0	8.38	294.0	0	0	0		
2004-Aug-31	18:46	247	6.0	8.38	296.9	0	0	0		
2004-Aug-31	18:47	266	6.0	8.38	299.9	0	0	0		
2004-Aug-31	18:47	284	5.9	8.38	302.9	0	0	0		
2004-Aug-31	18:48	302	6.0	8.38	305.9	0	0	0		
2004-Aug-31	18:48	316	6.0	8.38	308.9	0	0	0		
2004-Aug-31	18:49	339	6.0	8.38	311.9	0	0	0		
2004-Aug-31	18:49	352	5.9	8.38	315.0	0	0	0		
2004-Aug-31	18:50	375	5.9	8.38	317.9	0	0	0		
2004-Aug-31	18:50	293	2.1	8.38	320.2	0	0	0		
2004-Aug-31	18:51	311	2.1	8.37	321.2	0	0	0		
2004-Aug-31	18:51	325	2.1	8.37	322.3	0	0	0		
2004-Aug-31	18:52	325	2.1	8.37	323.3	0	0	0		
2004-Aug-31	18:52	339	2.1	8.37	324.4	0	0	0		
2004-Aug-31	18:53	348	1.9	8.36	325.5	0	0	0		
2004-Aug-31	18:53	343	1.9	8.36	326.4	0	0	0		
2004-Aug-31	18:54	343	1.8	8.36	327.3	0	0	0		
2004-Aug-31	18:54	352	1.9	8.36	328.3	0	0	0		
2004-Aug-31	18:55	545	0.1	8.36	329.1	0	0	0		
2004-Aug-31	18:55	865	0.0	8.36	329.2	0	0	0		
2004-Aug-31	18:55								End Displacement	
2004-Aug-31	18:55	865	0.0	8.36	329.2	0	0	0		
2004-Aug-31	18:55								End Job	
2004-Aug-31	18:55	865	0.0	8.36	329.2	0	0	0		
2004-Aug-31	18:56	865	0.0	8.36	329.2	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			6		236		10			
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Final	Average	Bump Plug to	Breakdown	Volume			Density		
			865		bbl			lb/gal		
Avg. N2 Percent	Designed Slurry Volume		Displacement		Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?		Volume 86 bbl		
%	236 bbl		86.8 bbl		°F	<input type="checkbox"/> Washed Thru Perfs		To ft		
Customer or Authorized Representative			Schlumberger Supervisor					<input type="checkbox"/> CirculationLost		
Willimon, Wes			Tan, Naveen					<input checked="" type="checkbox"/> Job Completed		