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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: NA
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: Tom Heflin
Designate Type of Completion:
[X] New Well Re-Entry Workover
Oil SWD SIOW Temp. Abd.
Gas ENHR SIGW
Dry [X] Other (Core, VSW, Expl, Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:

API No. 15 - 129-21725-0000
County: Morton
NE - SE - SE Sec 7 Twp. 33 S. R. 43W
760 feet from (S) N (circle one) Line of Section
360 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Turmorrow-Morrow Well #: 105S
Field Name: Turmorrow
Producing Formation: Osage
Elevation: Ground: 3659 Kelly Bushing: 3670
Total Depth: 6210 Plug Back Total Depth: 6167
Amount of Surface Pipe Set and Cemented at 1504 feet
Multiple Stage Cementing Collar Used? [X] Yes [] No
If yes, show depth set 3217
If Alternate II completion, cement circulated from
feet depth to w/ sx cmt.

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.
02/18/04 03/03/04 03/31/04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

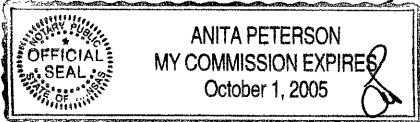
Drilling Fluid Management Plan ALT I W HM
(Data must be collected from the Reserve Pit) 2-21-07
Chloride content 400 mg/l ppm Fluid volume 1700 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License No.:
Quarter Sec. Twp, S. R. [] East [X] 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 May 7, 2004
Subscribed and sworn to before me this 7th day of May
20 04
Notary Public: Anita Peterson
Date Commission Expires: Oct 1, 2005

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



Operator Name: OXY USA Inc. Lease Name: Turnmrow-Morrow Well #: 105S

Sec. 7 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 <small>(Attach Additional Sheets)</small>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Electric Log Run <small>(Submit Copy)</small>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
List All E. Logs Run:	Induction	Sonic
	Microlog	Neutron Geological Report

Log Formation (Top), Depth and Datum Sample

Name Top Datum

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	1504	C	510	Panhandle Light + Additives
					C	150	Class C + Additives
Production	7 7/8	5 1/2	15.5	6210	C	175	Panhandle Lite + Additives
					H	300	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 type="checkbox"/> Protect Casing	-			
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	5780-5820, 5706-5732		

TUBING RECORD	Size 2 7/8	Set At 5612	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 04/17/04		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	Water Bbls 200	Gas-Oil Ratio Gravity

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

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

METHOD OF COMPLETION _____

Production Interval _____

Side Three

Operator Name: OXY USA Inc. Lease Name: Turnmrow-Morrow Well #: 105S
 Sec. 7 Twp. 33 S. R. 43W East West County: Morton

<u>Tops:</u>	<u>Depth</u>	<u>Subsea</u>
CHSE GRP	1959.67	1710.33
TOPK	2925.94	744.06
HBNR	3253.62	416.38
TRNT	3274.58	395.42
LNSG	3336.06	333.94
MRMNT GRP	3892.21	-222.21
CHRK GRP	4119.08	-449.08
ATOK	4215.71	-545.71
Morrow	4556.09	-886.09
S1(U. Morrow sand)	4587.71	-917.71
BASE S1	4602.47	-932.47
L2 (U. Morrow sand)	4707.17	-1037.2
BASE L2	4738	-1068
L3 (U. Morrow sand)	4764.87	-1094.9
BASE L3	4773.57	-1103.6
Indian Belly	4884.24	-1214.2
KEYS	4945.9	-1275.9
BASE KEYS	5002.02	-1332
Chester	5023.36	-1353.4
IB	5072.42	-1402.4
St. Gen	5378.36	-1708.4
St. Louis	5464.58	-1794.6
Spergen	5634.67	-1964.7
Warsaw	5733.86	-2063.9
Osage*	5820.1	-2150.1
Kinderhook*	6019.05	-2349.1

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Schlumberger

Date	03/02/04
Company	OXY
Job Number	2205544747
Well Name	Tumorrow-Morrow
Well Number	105-S
County	Morton
State	KS

Pipe Size	5 1/2	
Pipe Weight	15.5	6.5
Pipe Depth	6213	
Shoe Length	44	
Insert Depth	6169	
Hole Size	7 7/8	
Hole Depth	6210	

1st System	
175 sacks	Class C
2.61 yield	
12 weight	
15.2 water	63.2
cubic ft.	457
height	2636
bbis	81.3

Pipe Volume	148
Annular Volume	192
Total Cement	164
Total Water	261

340

Pipe Factor	0.0238	0.00579
Annular Factor	0.0309	
Height Factor	5.7718	

2nd System	
300 sacks	50/50 POZ/H
1.55 yield	
13.8 weight	
7.1 water	51
cubic ft.	465
height	2684
bbis	82.8

Casing lift 4053
Cement lift 1414

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

Test 3000

20 Chemical Wash

0 Spacer

81 Lead 12

83 Tail 13.8

146.8 Displacement

2000 Maximum Pressure

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

Pump Time @ 5 BPM 62 MIN



Cementing Service Report

Customer OXY USA, INC.	Job Number 220544747
---------------------------	-------------------------

Well TUMORROW-MORROW 105-S		Location (Region) SEC 7-T33S-R43W		Schlumberger Location Perryton, TX		Job Start 2004-Mar-02	
Field		Formation Name/Type		Deviation		Well TVD	
County MORTON CO		State/Province KANSAS		Bit Size 7.88 in		Well MD 6,210 ft	
Well Master: 0630567624		APLT UWI:		BHP psi		BHS7 140 °F	
Rig Name		Service Via		BHC7 112 °F		Pore Press. Gradient psi/ft	
Offshore Zone		Well Class New		Well Type Development		Casing/Liner	
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cp		Tubing/Drill Pipe	
Service Line Cementing		Job Type Cem Prod Casing		Depth, ft		Grade	
Max. Allowed Tubing Pressure 2000 psi		Max. Allowed Ann. Pressure psi		Wellhead Connection 5 1/2 HSSM		Thread	
Service Instructions CEMENT 5 1/2 PRODUCTION CASING WITH: 20 BBL CW100 LEAD: 200 SKS(PANHANDLE LITE CLAS C) + 0.2%D46 + 0.5PPS D29 TAIL: 300 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				Depth, ft		Thread	
Casing/Tubing Secured <input checked="" type="checkbox"/> Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>				Top, ft		Bottom, ft	
LMB Pressure: 1270 psi				No. of Shots		Total Interval ft	
Pipe Rotated <input type="checkbox"/> Pipe Reciprocated <input type="checkbox"/>				Treat Down Casing		Displacement 146.8 bbl	
No. Centralizers: Top Flugs: Bottom Flugs:				Packer Type		Packer Depth ft	
Cement Head Type: Single				Tubing Vol. bbf		Casing Vol. 148 bbf	
Job Scheduled For: 2004-Mar-02 18:00				Annular Vol. 192 bbf		Openhole Vol. 340 bbf	
Arrived on Location: 2004-Mar-02 18:00				Leaves Location: 2004-Mar-02 22:00		Casing Tools	
Date				Shoe Type:		Squeeze Job	
Time				Shoe Depth: 6213 ft		Squeeze Type	
Treating Pressure psi				Stage Tool Type:		Tool Type:	
Flow Rate bbf/min				Stage Tool Depth: ft		Tool Depth: ft	
GMT DENS lb/gal				Collar Type:		Tail Pipe Size: in	
Volume bbf				Collar Depth: 6169 ft		Tail Pipe Depth: ft	
ft				Sqr Total Vol: bbf		Message	
in							
2004-Mar-02 19:28						Start Job	
2004-Mar-02 19:28 0 0.0 8.45 0.0 0 0 0							
2004-Mar-02 19:29 0 0.0 8.45 0.0 0 0 0							
2004-Mar-02 19:29 64 0.0 8.47 0.0 0 0 0							
2004-Mar-02 19:30 2444 0.0 8.47 0.2 0 0 0							
2004-Mar-02 19:30						Pressure Test Lines	
2004-Mar-02 19:30 3209 0.0 8.47 0.2 0 0 0							
2004-Mar-02 19:30 3131 0.0 8.47 0.2 0 0 0							
2004-Mar-02 19:31 3040 0.0 8.47 0.2 0 0 0							
2004-Mar-02 19:31 3007 0.0 9.21 0.2 0 0 0							
2004-Mar-02 19:32 5 0.0 10.56 0.2 0 0 0							
2004-Mar-02 19:32 9 0.0 11.66 0.2 0 0 0							
2004-Mar-02 19:33 5 0.0 12.34 0.2 0 0 0							
2004-Mar-02 19:33 69 0.0 12.12 0.2 0 0 0							
2004-Mar-02 19:34 69 0.0 12.11 0.2 0 0 0							
2004-Mar-02 19:34 5 0.0 12.10 0.2 0 0 0							
2004-Mar-02 19:35 0 0.0 12.10 0.2 0 0 0							
2004-Mar-02 19:35 0 0.0 12.09 0.2 0 0 0							
2004-Mar-02 19:36 0 0.0 12.09 0.2 0 0 0							
2004-Mar-02 19:36 0 0.0 12.09 0.2 0 0 0							
2004-Mar-02 19:37 78 0.0 12.09 0.2 0 0 0							
2004-Mar-02 19:37 69 0.0 12.09 0.2 0 0 0							

Well		Field			Service Date		Customer		Job Number
TUMORROW-MORROW #105-S					0462-Mar-02		OXY USA, INC.		2205544747
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message
	24 hr clock	psi	bbf/min	lb/gal	bbf	0	0	0	
2004-Mar-02	19:38	-5	0.0	12.09	0.2	0	0	0	
2004-Mar-02	19:38	0	0.0	12.08	0.2	0	0	0	
2004-Mar-02	19:39	-5	0.0	12.08	0.2	0	0	0	
2004-Mar-02	19:39	0	0.0	12.08	0.2	0	0	0	
2004-Mar-02	19:40	0	0.0	12.08	0.2	0	0	0	
2004-Mar-02	19:40	0	0.0	9.28	0.2	0	0	0	
2004-Mar-02	19:41	0	0.0	9.25	0.2	0	0	0	
2004-Mar-02	19:41	0	0.0	9.25	0.2	0	0	0	
2004-Mar-02	19:42	60	0.0	8.73	0.2	0	0	0	
2004-Mar-02	19:42	32	0.0	8.47	0.2	0	0	0	
2004-Mar-02	19:43	0	0.0	8.47	0.2	0	0	0	
2004-Mar-02	19:43	0	0.0	8.46	0.2	0	0	0	
2004-Mar-02	19:44	0	0.0	8.46	0.2	0	0	0	
2004-Mar-02	19:44	101	3.0	8.53	0.4	0	0	0	
2004-Mar-02	19:44								Start Pumping Wash
2004-Mar-02	19:44	183	3.5	8.47	0.9	0	0	0	
2004-Mar-02	19:45	316	5.6	8.47	2.6	0	0	0	
2004-Mar-02	19:45	233	5.3	8.47	5.3	0	0	0	
2004-Mar-02	19:46	224	5.4	8.47	8.0	0	0	0	
2004-Mar-02	19:46	238	5.5	8.47	10.7	0	0	0	
2004-Mar-02	19:47	247	5.5	8.47	13.5	0	0	0	
2004-Mar-02	19:47	252	5.6	8.46	16.2	0	0	0	
2004-Mar-02	19:48	275	5.6	8.90	19.0	0	0	0	
2004-Mar-02	19:48	261	5.7	8.48	21.9	0	0	0	
2004-Mar-02	19:49	266	5.7	8.57	24.8	0	0	0	
2004-Mar-02	19:49								End Wash
2004-Mar-02	19:49	261	5.6	10.06	26.7	0	0	0	
2004-Mar-02	19:49								Reset Total, Vol = 26.91 bbl
2004-Mar-02	19:49	266	5.8	10.08	26.8	0	0	0	
2004-Mar-02	19:49	266	5.8	10.30	0.3	0	0	0	
2004-Mar-02	19:49								Start Mixing Lead Slurry
2004-Mar-02	19:49	243	5.7	10.83	0.9	0	0	0	
2004-Mar-02	19:50	293	5.8	12.72	3.7	0	0	0	
2004-Mar-02	19:50	206	3.8	12.39	5.7	0	0	0	
2004-Mar-02	19:51	266	6.2	12.08	7.9	0	0	0	
2004-Mar-02	19:51	165	4.9	11.86	10.9	0	0	0	
2004-Mar-02	19:52	192	5.6	11.72	13.4	0	0	0	
2004-Mar-02	19:52	192	5.7	11.81	16.2	0	0	0	
2004-Mar-02	19:53	137	5.0	11.46	18.8	0	0	0	
2004-Mar-02	19:53	183	5.0	12.09	21.3	0	0	0	
2004-Mar-02	19:54	179	5.3	13.08	23.9	0	0	0	
2004-Mar-02	19:54	137	5.3	12.75	26.5	0	0	0	
2004-Mar-02	19:55	124	5.3	12.21	29.2	0	0	0	
2004-Mar-02	19:55	124	5.3	12.09	31.9	0	0	0	
2004-Mar-02	19:56	105	5.3	12.01	34.5	0	0	0	
2004-Mar-02	19:56	124	5.3	11.94	37.2	0	0	0	
2004-Mar-02	19:57	105	5.4	12.10	39.9	0	0	0	
2004-Mar-02	19:57	114	5.4	12.19	42.6	0	0	0	
2004-Mar-02	19:58	114	5.4	12.11	45.3	0	0	0	
2004-Mar-02	19:58	105	5.4	12.02	48.0	0	0	0	
2004-Mar-02	19:59	114	5.4	11.90	50.7	0	0	0	
2004-Mar-02	19:59	119	5.4	11.96	53.4	0	0	0	
2004-Mar-02	20:00	92	4.1	11.71	56.1	0	0	0	
2004-Mar-02	20:00	46	3.0	11.53	57.8	0	0	0	

Well		Field			Service Date		Customer			Job Number
TUMORROW-MORROW #105-S					0462-Mar-02		OXY USA, INC.			2205544747
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message	
	24 hr clock	psf	bbbl/min	lb/gal	bbf	0	0	0		
2004-Mar-02	20:01	41	3.0	12.24	59.3	0	0	0		
2004-Mar-02	20:01	41	3.8	12.59	60.8	0	0	0		
2004-Mar-02	20:02	110	5.1	12.37	63.1	0	0	0		
2004-Mar-02	20:02	101	5.0	11.69	65.6	0	0	0		
2004-Mar-02	20:03	101	5.1	11.74	68.1	0	0	0		
2004-Mar-02	20:03	114	5.1	12.37	70.7	0	0	0		
2004-Mar-02	20:04	114	5.1	12.67	73.2	0	0	0		
2004-Mar-02	20:04	114	5.1	12.67	75.7	0	0	0		
2004-Mar-02	20:05	114	5.1	12.67	78.3	0	0	0		
2004-Mar-02	20:05	119	5.1	12.47	80.8	0	0	0		
2004-Mar-02	20:06	110	5.1	12.23	83.4	0	0	0		
2004-Mar-02	20:06	101	5.1	11.77	85.9	0	0	0		
2004-Mar-02	20:07	105	5.1	11.95	89.5	0	0	0		
2004-Mar-02	20:07	105	5.1	12.51	91.0	0	0	0		
2004-Mar-02	20:07	105	5.1	12.77	91.8	0	0	0		
2004-Mar-02	20:07								End Lead Slurry	
2004-Mar-02	20:07	110	5.1	12.83	91.9	0	0	0		
2004-Mar-02	20:07								Reset Total, Vol = 91.95 bbl	
2004-Mar-02	20:08	110	5.1	12.69	9.2	0	0	0		
2004-Mar-02	20:08								Start Mixing Tail Slurry	
2004-Mar-02	20:08	119	5.1	13.24	1.6	0	0	0		
2004-Mar-02	20:08	133	5.1	13.56	4.2	0	0	0		
2004-Mar-02	20:09	169	5.1	14.38	6.7	0	0	0		
2004-Mar-02	20:09	188	5.2	14.57	9.3	0	0	0		
2004-Mar-02	20:10	179	5.1	14.25	11.9	0	0	0		
2004-Mar-02	20:10	179	5.1	13.97	14.4	0	0	0		
2004-Mar-02	20:11	160	5.2	13.78	17.0	0	0	0		
2004-Mar-02	20:11	169	5.1	13.85	19.6	0	0	0		
2004-Mar-02	20:12	188	5.1	14.00	22.2	0	0	0		
2004-Mar-02	20:12	174	5.1	14.06	24.8	0	0	0		
2004-Mar-02	20:13	174	5.1	14.14	27.3	0	0	0		
2004-Mar-02	20:13	183	5.1	14.16	29.9	0	0	0		
2004-Mar-02	20:14	189	5.1	14.23	32.5	0	0	0		
2004-Mar-02	20:14	189	5.1	14.29	35.0	0	0	0		
2004-Mar-02	20:15	215	5.7	14.20	37.7	0	0	0		
2004-Mar-02	20:15	211	5.7	14.14	40.5	0	0	0		
2004-Mar-02	20:16	199	5.4	14.17	43.4	0	0	0		
2004-Mar-02	20:16	243	5.4	14.35	46.1	0	0	0		
2004-Mar-02	20:17	192	5.4	14.07	48.7	0	0	0		
2004-Mar-02	20:17	209	5.9	13.91	51.4	0	0	0		
2004-Mar-02	20:18	189	5.4	13.87	54.1	0	0	0		
2004-Mar-02	20:18	201	5.3	14.01	56.8	0	0	0		
2004-Mar-02	20:19	142	5.3	14.07	59.4	0	0	0		
2004-Mar-02	20:19	179	5.3	14.12	62.1	0	0	0		
2004-Mar-02	20:20	146	5.3	14.13	64.8	0	0	0		
2004-Mar-02	20:20	190	5.3	14.14	67.4	0	0	0		
2004-Mar-02	20:21	179	5.3	14.12	70.1	0	0	0		
2004-Mar-02	20:21	183	5.3	14.15	72.7	0	0	0		
2004-Mar-02	20:22	192	5.3	14.27	75.4	0	0	0		
2004-Mar-02	20:22	243	5.4	14.36	78.1	0	0	0		
2004-Mar-02	20:23	179	5.4	14.40	80.8	0	0	0		
2004-Mar-02	20:23								End Tail Slurry	
2004-Mar-02	20:23	50	0.0	14.38	83.2	0	0	0		
2004-Mar-02	20:23								Reset Total, Vol = 83.17 bbl	

Well		Field		Service Date		Customer			Job Number
TUMORROW-MORROW #105-S				0482-Mar-02		OXY USA, INC.			2205544747
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume	0	0	0	Message
		psi	bbf/min	lb/gal	bbf	0	0	0	
24 hr clock									
2004-Mar-02	20:23	27	0.0	14.38	83.2	0	0	0	
2004-Mar-02	20:24	-5	0.0	11.15	0.0	0	0	0	
2004-Mar-02	20:24	-9	0.0	10.74	0.0	0	0	0	
2004-Mar-02	20:25	41	3.0	10.22	0.0	0	0	0	
2004-Mar-02	20:25	224	5.6	10.82	0.0	0	0	0	
2004-Mar-02	20:26	220	5.5	9.73	0.0	0	0	0	
2004-Mar-02	20:26	229	5.5	8.86	0.0	0	0	0	
2004-Mar-02	20:27	211	5.5	8.67	0.0	0	0	0	
2004-Mar-02	20:27	211	5.6	8.50	0.0	0	0	0	
2004-Mar-02	20:28	5	0.0	9.47	0.0	0	0	0	
2004-Mar-02	20:28	50	3.0	8.48	0.1	0	0	0	
2004-Mar-02	20:29	96	5.6	8.48	2.8	0	0	0	
2004-Mar-02	20:29	96	5.9	8.47	5.6	0	0	0	
2004-Mar-02	20:30	87	5.9	8.46	8.5	0	0	0	
2004-Mar-02	20:30	92	5.9	8.47	11.4	0	0	0	
2004-Mar-02	20:31	97	5.9	8.47	14.3	0	0	0	
2004-Mar-02	20:31	82	5.9	8.47	17.3	0	0	0	
2004-Mar-02	20:32	87	5.9	8.47	20.2	0	0	0	
2004-Mar-02	20:32	87	6.0	8.47	23.2	0	0	0	
2004-Mar-02	20:33	87	6.0	8.47	26.1	0	0	0	
2004-Mar-02	20:33	92	5.9	8.47	29.1	0	0	0	
2004-Mar-02	20:34	87	5.9	8.47	32.0	0	0	0	
2004-Mar-02	20:34	92	5.9	8.47	35.0	0	0	0	
2004-Mar-02	20:35	92	5.9	8.47	38.0	0	0	0	
2004-Mar-02	20:35								Drop Top Plug
2004-Mar-02	20:35	87	5.9	8.46	40.8	0	0	0	
2004-Mar-02	20:35								Start Displacement
2004-Mar-02	20:35	87	5.9	8.46	40.9	0	0	0	
2004-Mar-02	20:35	87	5.9	8.46	41.0	0	0	0	
2004-Mar-02	20:36	87	5.9	8.46	43.9	0	0	0	
2004-Mar-02	20:36	82	6.0	8.46	46.9	0	0	0	
2004-Mar-02	20:37	82	5.9	8.46	49.8	0	0	0	
2004-Mar-02	20:37	87	6.0	8.46	52.8	0	0	0	
2004-Mar-02	20:38	92	6.1	8.46	55.8	0	0	0	
2004-Mar-02	20:38	82	5.6	8.46	58.6	0	0	0	
2004-Mar-02	20:39	78	5.6	8.45	61.4	0	0	0	
2004-Mar-02	20:39	69	5.5	8.45	64.2	0	0	0	
2004-Mar-02	20:40	82	5.6	8.45	66.9	0	0	0	
2004-Mar-02	20:40	78	5.5	8.45	69.7	0	0	0	
2004-Mar-02	20:41	78	5.6	8.45	72.5	0	0	0	
2004-Mar-02	20:41	87	5.5	8.45	75.3	0	0	0	
2004-Mar-02	20:42	180	5.6	8.45	78.1	0	0	0	
2004-Mar-02	20:42	220	5.6	8.45	80.9	0	0	0	
2004-Mar-02	20:43	279	5.6	8.45	83.7	0	0	0	
2004-Mar-02	20:43	325	5.7	8.45	86.5	0	0	0	
2004-Mar-02	20:44	360	5.7	8.45	89.3	0	0	0	
2004-Mar-02	20:44	435	5.7	8.45	92.2	0	0	0	
2004-Mar-02	20:45	494	5.7	8.45	95.0	0	0	0	
2004-Mar-02	20:45	554	5.7	8.45	97.9	0	0	0	
2004-Mar-02	20:46	595	5.8	8.45	100.7	0	0	0	
2004-Mar-02	20:46	650	5.7	8.45	103.7	0	0	0	
2004-Mar-02	20:47	705	5.8	8.45	106.6	0	0	0	
2004-Mar-02	20:47	751	5.7	8.45	109.5	0	0	0	
2004-Mar-02	20:48	797	5.6	8.45	112.3	0	0	0	

Well		Field			Service Date		Customer		Job Number	
TUMORROW-MORROW #105-S					0462-Mar-02		OXY USA, INC.		2208544747	
Date	Time	Treating Pressure	Flow Rate	CMT DENS	Volume				Message	
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0		
2004-Mar-02	20:48	829	5.6	8.45	115.1	0	0	0		
2004-Mar-02	20:49	879	5.6	8.45	117.9	0	0	0		
2004-Mar-02	20:49	920	5.4	8.45	120.6	0	0	0		
2004-Mar-02	20:50	926	4.9	8.45	129.1	0	0	0		
2004-Mar-02	20:50	986	4.7	8.45	125.5	0	0	0		
2004-Mar-02	20:51	1021	4.8	8.45	127.8	0	0	0		
2004-Mar-02	20:51	1057	4.7	8.45	130.2	0	0	0		
2004-Mar-02	20:52	1094	4.7	8.45	132.5	0	0	0		
2004-Mar-02	20:52	1140	4.8	8.45	134.8	0	0	0		
2004-Mar-02	20:53	1053	1.9	8.45	136.3	0	0	0		
2004-Mar-02	20:53	1076	1.7	8.45	137.1	0	0	0		
2004-Mar-02	20:54	1131	2.8	8.45	138.2	0	0	0		
2004-Mar-02	20:54	1154	2.9	8.45	139.6	0	0	0		
2004-Mar-02	20:55	1176	2.8	8.45	141.0	0	0	0		
2004-Mar-02	20:55	1208	2.9	8.45	142.4	0	0	0		
2004-Mar-02	20:56	1227	2.9	8.45	143.8	0	0	0		
2004-Mar-02	20:56	1657	1.8	8.45	145.2	0	0	0		
2004-Mar-02	20:57	1648	0.0	8.45	145.3	0	0	0		
2004-Mar-02	20:57	1643	0.0	8.45	145.3	0	0	0		
2004-Mar-02	20:58	1648	0.0	8.45	145.3	0	0	0		
2004-Mar-02	20:58								Bump Top Plug	
2004-Mar-02	20:58	1648	0.0	8.45	145.3	0	0	0		
2004-Mar-02	20:58								End Displacement	
2004-Mar-02	20:58	1648	0.0	8.45	145.3	0	0	0		
2004-Mar-02	20:58								Reset Total, Vol = 145.26 bbl	
2004-Mar-02	20:58	1648	0.0	8.45	0.0	0	0	0		
2004-Mar-02	20:58	705	0.0	8.45	0.0	0	0	0		
2004-Mar-02	20:59	-5	0.0	8.45	0.0	0	0	0		
2004-Mar-02	20:59	-5	0.0	8.45	0.0	0	0	0		
2004-Mar-02	20:59								End Job	

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	174	0	20	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to Breakdown	Volume	Density		
			1670		bbl	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input type="checkbox"/> Cement Circulated to Surface?	Volume	bbl	
%	164 bbl	146.8 bbl	°F	<input type="checkbox"/> Washed Thru Ports To	ft		
Customer or Authorized Representative			Schlumberger Supervisor		<input type="checkbox"/> Circulation Lost		
Williamson, Wes			Ahrends, Timothy		<input checked="" type="checkbox"/> Job Completed		

CONFIDENTIAL

Schlumberger

Date	2/20/2004
Company	OXY USA, INC.
Job Number	2205544736
Well Name	TUMORROW MORROW
Well Number	105-S
County	MORTON
State	KS

RECEIVED
MAY 10 2004
KCC WICHITA

Pipe Size	8 5/8	
Pipe Weight	24	15.5
Pipe Depth	1505	45
Shoe Length	43.2	
Insert Depth	1460.39	
Hole Size	12 1/4	
Hole Depth	1503.59	

1st System		
510 sacks	CLASS C S01	D20
2.17 yield	D29 D132 D46	
12.2 weight		
12.1 water	146	
cubic ft.	1107	
height	2682	
bbls	197	

Pipe Volume	97
Annular Volume	114
Total Cement	233
Total Water	262

211

KCC
WICHITA
CONFIDENTIAL

Pipe Factor	0.0637	0.0238
Annular Factor	0.0735	
Height Factor	2.4231	

2nd System		
150 sacks	D903 D29 S01	
1.34 yield		
14.8 weight		
6.3 water	23	
cubic ft.	201	
height	487	
bbls	35.8	

Casing lift	630
Cement lift	684

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

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

Test 2000 psi	
Mud	
Spacer	
197 Lead	12.2
36 Tail	14.8
93.0 Displacement	
1500 Maximum Pressure	
Pump time @ 4 BPM	81 MIN



Cementing Service Report

Customer OXY USA, INC.	Job Number 2205544736
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Well TUMORROW-MORROW 105-S		Location (legal) SEC 7-T33S-R43W		Schlumberger Location Perryton, TX		Job Start 2004-Feb-20			
Field		Formation Name/Type		Deviation		Bit Size in	Well MD 1,500 ft	Well TVD 1,500 ft	
County MORTON CO		State/Province KANSAS		BHP psi	BHST °F	BHCT °F	Pore Press. Gradient psi/ft		
Well Master: 0630567624		API / UWI:		Casing/Liner					
Rig Name	Drilled For Oil & Gas	Service Via		Depth, ft 1550	Size, in 8.63	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class New	Well Type Development		Tubing/Drill Pipe					
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity 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	Wellhead Connection 8 5/8 HS&M		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft	
Service Instructions CEMENT 8 5/8 CASING WITH: 510 SKS 35/65 POZ CLASS C + 6% D20 + 2% S1 + 0.25 PPS D29 + 0.25% D46 150 SKS CLASS C + 2% S1 + 0.25 PPS D29				Treat Down Casing	Displacement 93 bbl	Packer Type	Packer Depth ft		
				Tubing Vol. bbl	Casing Vol. 97 bbl	Annular Vol. 114 bbl	Open Hole Vol. 211 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: 350 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type:		Squeeze Type	
No. Centralizers:		Top Plugs: 1	Bottom Plugs:		Shoe Depth: 1503.69 ft		Tool Type:		
Cement Head Type: Single		Stage Tool Type:		Tool Depth: ft					
Job Scheduled For: 2004-Feb-19 20:00		Arrived on Location:	Leave Location: 2004-Feb-20 4:30		Stage Tool Depth: ft		Tail Pipe Size: in		
		Collar Type: Other		Tail Pipe Depth: ft					
		Collar Depth: 1460.39 ft		Sqz Total Vol: bbl					
Date	Time	Treating Pressure 24 hr clock psi	Flow Rate bbl/min	Volume bbl	CMT DENS lb/gal	0	0	0	Message
2004-Feb-20	1:52	0	0.1	0.0	8.20	0	0	0	
2004-Feb-20	1:52	0	0.1	0.0	8.19	0	0	0	
2004-Feb-20	1:52								Start Job
2004-Feb-20	1:52								Pressure Test Lines
2004-Feb-20	1:52	0	0.1	0.0	8.20	0	0	0	
2004-Feb-20	1:52								Start Pumping Spacer
2004-Feb-20	1:52	0	0.1	0.0	8.18	0	0	0	
2004-Feb-20	1:52	0	0.1	0.1	8.19	0	0	0	
2004-Feb-20	1:53	0	0.1	0.1	8.22	0	0	0	
2004-Feb-20	1:53	0	0.1	0.2	8.09	0	0	0	
2004-Feb-20	1:54	0	0.1	0.2	8.21	0	0	0	
2004-Feb-20	1:54	0	0.1	0.2	8.18	0	0	0	
2004-Feb-20	1:55	5	0.1	0.3	8.20	0	0	0	
2004-Feb-20	1:55	5	0.1	0.4	8.28	0	0	0	
2004-Feb-20	1:56	2275	0.0	0.7	8.28	0	0	0	
2004-Feb-20	1:56	2156	0.0	0.7	8.28	0	0	0	
2004-Feb-20	1:57	32	0.0	0.7	8.25	0	0	0	
2004-Feb-20	1:57	5	0.0	0.7	8.22	0	0	0	
2004-Feb-20	1:58	5	0.1	0.7	8.20	0	0	0	
2004-Feb-20	1:58	14	1.1	0.8	8.22	0	0	0	
2004-Feb-20	1:59	27	1.1	1.4	8.22	0	0	0	
2004-Feb-20	1:59	27	1.0	1.9	8.20	0	0	0	

Well		Field			Service Date		Customer		Job Number
TUMORROW-MORROW #105-S					0451-Feb-20		OXY USA, INC.		2205544736
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-Feb-20	2:00	27	1.0	2.4	8.18	0	0	0	
2004-Feb-20	2:00	27	1.0	2.9	8.18	0	0	0	
2004-Feb-20	2:01	82	2.7	3.5	8.21	0	0	0	
2004-Feb-20	2:01	160	2.8	4.9	8.21	0	0	0	
2004-Feb-20	2:02	188	4.0	6.7	8.21	0	0	0	
2004-Feb-20	2:02	252	5.7	9.3	8.22	0	0	0	
2004-Feb-20	2:03	247	5.7	12.2	8.24	0	0	0	
2004-Feb-20	2:03	252	5.7	15.0	8.25	0	0	0	
2004-Feb-20	2:04	243	5.7	17.9	8.25	0	0	0	
2004-Feb-20	2:04	110	1.7	20.5	8.25	0	0	0	
2004-Feb-20	2:05								Start Mixing Lead Slurry
2004-Feb-20	2:05	275	6.4	22.5	8.29	0	0	0	
2004-Feb-20	2:05	266	6.3	23.3	8.29	0	0	0	
2004-Feb-20	2:05	169	3.6	25.9	8.25	0	0	0	
2004-Feb-20	2:06	183	3.9	27.8	8.28	0	0	0	
2004-Feb-20	2:06	197	3.9	29.8	10.77	0	0	0	
2004-Feb-20	2:07	247	3.9	30.4	11.47	0	0	0	
2004-Feb-20	2:07								Reset Total, Vol = 30.37 bbl
2004-Feb-20	2:07	151	3.9	1.4	12.67	0	0	0	
2004-Feb-20	2:07	124	5.7	3.4	12.42	0	0	0	
2004-Feb-20	2:08	284	5.6	6.3	12.08	0	0	0	
2004-Feb-20	2:08	293	5.6	9.1	12.04	0	0	0	
2004-Feb-20	2:09	311	5.6	11.9	13.04	0	0	0	
2004-Feb-20	2:09	307	5.6	14.7	12.88	0	0	0	
2004-Feb-20	2:10	252	5.6	17.5	12.53	0	0	0	
2004-Feb-20	2:10	266	5.6	20.3	12.11	0	0	0	
2004-Feb-20	2:11	284	5.6	23.2	12.38	0	0	0	
2004-Feb-20	2:11	275	5.6	26.0	12.53	0	0	0	
2004-Feb-20	2:12	261	5.7	28.8	12.15	0	0	0	
2004-Feb-20	2:12	256	5.7	31.7	12.39	0	0	0	
2004-Feb-20	2:13	252	5.7	34.5	12.42	0	0	0	
2004-Feb-20	2:13	233	5.7	37.3	12.29	0	0	0	
2004-Feb-20	2:14	233	5.7	40.3	12.25	0	0	0	
2004-Feb-20	2:14	233	5.7	43.1	12.23	0	0	0	
2004-Feb-20	2:15	220	5.7	46.0	12.25	0	0	0	
2004-Feb-20	2:15	188	5.7	48.8	12.29	0	0	0	
2004-Feb-20	2:16	192	5.7	51.7	12.41	0	0	0	
2004-Feb-20	2:16	206	5.7	54.5	12.34	0	0	0	
2004-Feb-20	2:17	197	5.7	57.4	12.24	0	0	0	
2004-Feb-20	2:17	188	5.7	60.2	12.39	0	0	0	
2004-Feb-20	2:18	188	5.7	63.1	12.46	0	0	0	
2004-Feb-20	2:18	169	5.7	65.9	12.23	0	0	0	
2004-Feb-20	2:19	188	5.7	68.8	12.59	0	0	0	
2004-Feb-20	2:19	192	5.7	71.6	12.40	0	0	0	
2004-Feb-20	2:20	179	5.7	74.5	12.44	0	0	0	
2004-Feb-20	2:20	197	5.7	77.3	12.25	0	0	0	
2004-Feb-20	2:21	169	5.7	80.2	12.04	0	0	0	
2004-Feb-20	2:21	188	5.7	83.1	12.34	0	0	0	
2004-Feb-20	2:22	174	5.7	85.9	12.03	0	0	0	
2004-Feb-20	2:22	188	5.7	88.8	12.89	0	0	0	
2004-Feb-20	2:23	188	5.7	91.6	12.18	0	0	0	
2004-Feb-20	2:23	179	5.7	94.5	12.04	0	0	0	
2004-Feb-20	2:24	192	5.7	97.3	12.24	0	0	0	
2004-Feb-20	2:24	174	5.7	100.2	12.48	0	0	0	

Well		Field				Service Date		Customer		Job Number
TUMORROW-MORROW #105-S						0451-Feb-20		OXY USA, INC.		2205544736
Date	Time	Treating Pressure	Flow Rate	Volume	CMT DENS	0	0	0	Message	
	24 hr clock	psi	bbbl/min	bbbl	lb/gal	0	0	0		
2004-Feb-20	2:25	174	5.7	103.1	12.37	0	0	0		
2004-Feb-20	2:25	188	5.7	106.0	12.32	0	0	0		
2004-Feb-20	2:26	169	5.7	107.9	12.39	0	0	0		
2004-Feb-20	2:26								End Spacer	
2004-Feb-20	2:26	192	5.7	108.9	12.50	0	0	0		
2004-Feb-20	2:26	165	5.7	111.7	12.53	0	0	0		
2004-Feb-20	2:27	169	5.7	114.6	12.21	0	0	0		
2004-Feb-20	2:27	179	5.7	117.5	12.11	0	0	0		
2004-Feb-20	2:28	169	5.7	120.3	12.37	0	0	0		
2004-Feb-20	2:28	169	5.7	123.2	12.34	0	0	0		
2004-Feb-20	2:29	169	5.7	126.0	12.30	0	0	0		
2004-Feb-20	2:29	169	5.7	128.9	12.41	0	0	0		
2004-Feb-20	2:30	169	5.7	131.8	12.40	0	0	0		
2004-Feb-20	2:30	179	5.7	134.6	12.35	0	0	0		
2004-Feb-20	2:31	179	5.7	137.5	12.34	0	0	0		
2004-Feb-20	2:31	179	5.7	140.3	12.30	0	0	0		
2004-Feb-20	2:32	160	5.7	143.2	12.28	0	0	0		
2004-Feb-20	2:32	87	3.9	146.0	11.80	0	0	0		
2004-Feb-20	2:33	142	5.7	147.8	11.84	0	0	0		
2004-Feb-20	2:33	174	5.7	150.7	12.24	0	0	0		
2004-Feb-20	2:34	206	5.7	153.5	12.50	0	0	0		
2004-Feb-20	2:34	169	5.7	156.4	12.37	0	0	0		
2004-Feb-20	2:35	192	5.7	159.2	12.41	0	0	0		
2004-Feb-20	2:35	174	5.7	162.1	12.31	0	0	0		
2004-Feb-20	2:36	179	5.7	165.0	12.26	0	0	0		
2004-Feb-20	2:36	174	5.7	167.9	12.38	0	0	0		
2004-Feb-20	2:37	169	5.7	170.8	12.27	0	0	0		
2004-Feb-20	2:37	156	5.7	173.6	12.39	0	0	0		
2004-Feb-20	2:38	188	5.7	176.5	12.66	0	0	0		
2004-Feb-20	2:38	183	5.7	179.4	12.52	0	0	0		
2004-Feb-20	2:39	179	5.7	182.2	11.85	0	0	0		
2004-Feb-20	2:39	156	5.7	185.1	12.07	0	0	0		
2004-Feb-20	2:40	174	5.7	186.9	12.24	0	0	0		
2004-Feb-20	2:40								Start Mixing Tail Slurry	
2004-Feb-20	2:40	156	5.7	187.0	12.25	0	0	0		
2004-Feb-20	2:40								End Lead Slurry	
2004-Feb-20	2:40	169	5.7	187.9	11.98	0	0	0		
2004-Feb-20	2:40								Reset Total, Vol = 189.18 bbl	
2004-Feb-20	2:40	174	5.7	189.2	12.95	0	0	0		
2004-Feb-20	2:40	229	5.7	1.6	13.78	0	0	0		
2004-Feb-20	2:41	220	5.7	4.4	13.54	0	0	0		
2004-Feb-20	2:41	256	5.6	7.3	14.58	0	0	0		
2004-Feb-20	2:42	270	5.6	10.1	14.64	0	0	0		
2004-Feb-20	2:42	266	5.6	12.9	14.79	0	0	0		
2004-Feb-20	2:43	275	5.6	15.7	14.65	0	0	0		
2004-Feb-20	2:43	169	3.9	18.1	15.54	0	0	0		
2004-Feb-20	2:44	279	5.6	20.3	15.24	0	0	0		
2004-Feb-20	2:44	320	5.6	23.1	15.06	0	0	0		
2004-Feb-20	2:45	288	5.6	26.0	15.07	0	0	0		
2004-Feb-20	2:45	165	4.0	28.2	15.18	0	0	0		
2004-Feb-20	2:46	169	3.9	30.2	15.31	0	0	0		
2004-Feb-20	2:46	275	5.7	32.3	15.26	0	0	0		
2004-Feb-20	2:47	146	3.9	34.9	15.01	0	0	0		
2004-Feb-20	2:47	32	0.0	35.8	14.90	0	0	0		

Well		Field				Service Date		Customer		Job Number
TUMORROW-MORROW #105-S						0451-Feb-20		OXY USA, INC.		2205544736
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-Feb-20	2:48								End Tail Slurry	
2004-Feb-20	2:48	27	0.0	35.8	14.87	0	0	0		
2004-Feb-20	2:48	23	0.0	35.8	14.85	0	0	0		
2004-Feb-20	2:48								Reset Total, Vol = 35.78 bbl	
2004-Feb-20	2:48								Drop Top Plug	
2004-Feb-20	2:48	27	0.0	0.0	14.96	0	0	0		
2004-Feb-20	2:48	32	0.0	0.0	14.97	0	0	0		
2004-Feb-20	2:48								Start Displacement	
2004-Feb-20	2:48	32	0.0	0.0	14.97	0	0	0		
2004-Feb-20	2:48	14	0.0	0.0	14.99	0	0	0		
2004-Feb-20	2:49	114	4.0	0.7	12.37	0	0	0		
2004-Feb-20	2:49	69	5.0	3.0	8.35	0	0	0		
2004-Feb-20	2:50	37	4.1	5.1	8.37	0	0	0		
2004-Feb-20	2:50	78	5.9	7.4	8.12	0	0	0		
2004-Feb-20	2:51	114	5.9	10.3	8.30	0	0	0		
2004-Feb-20	2:51	137	5.9	13.3	8.30	0	0	0		
2004-Feb-20	2:52	146	5.9	16.2	8.30	0	0	0		
2004-Feb-20	2:52	160	5.9	19.2	8.30	0	0	0		
2004-Feb-20	2:53	169	5.9	22.1	8.29	0	0	0		
2004-Feb-20	2:53	174	5.9	25.1	8.30	0	0	0		
2004-Feb-20	2:54	179	5.9	28.1	8.30	0	0	0		
2004-Feb-20	2:54	174	5.9	31.0	8.30	0	0	0		
2004-Feb-20	2:55	201	5.9	34.0	8.30	0	0	0		
2004-Feb-20	2:55	215	5.9	36.9	8.30	0	0	0		
2004-Feb-20	2:56	197	5.9	39.8	8.30	0	0	0		
2004-Feb-20	2:56	229	5.9	42.8	8.29	0	0	0		
2004-Feb-20	2:57	233	5.8	45.7	8.30	0	0	0		
2004-Feb-20	2:57	266	5.9	48.7	8.30	0	0	0		
2004-Feb-20	2:58	284	5.9	51.6	8.30	0	0	0		
2004-Feb-20	2:58	279	5.8	54.5	8.30	0	0	0		
2004-Feb-20	2:59	307	5.8	57.4	8.30	0	0	0		
2004-Feb-20	2:59	325	5.8	60.4	8.30	0	0	0		
2004-Feb-20	3:00	307	5.8	63.3	8.30	0	0	0		
2004-Feb-20	3:00	334	5.8	66.2	8.30	0	0	0		
2004-Feb-20	3:01	357	5.8	69.1	8.30	0	0	0		
2004-Feb-20	3:01	412	5.8	72.0	8.30	0	0	0		
2004-Feb-20	3:02	407	5.8	74.9	8.30	0	0	0		
2004-Feb-20	3:02	435	5.7	76.7	8.30	0	0	0		
2004-Feb-20	3:03	417	5.7	79.6	8.30	0	0	0		
2004-Feb-20	3:03	439	2.5	81.7	8.30	0	0	0		
2004-Feb-20	3:04	375	2.1	82.8	8.29	0	0	0		
2004-Feb-20	3:04	330	2.1	83.9	8.29	0	0	0		
2004-Feb-20	3:05	371	2.1	84.9	8.30	0	0	0		
2004-Feb-20	3:05	352	2.1	86.0	8.30	0	0	0		
2004-Feb-20	3:06	403	2.1	87.0	8.30	0	0	0		
2004-Feb-20	3:06	366	2.1	88.1	8.29	0	0	0		
2004-Feb-20	3:07	371	2.1	89.1	8.30	0	0	0		
2004-Feb-20	3:07	444	2.1	90.2	8.29	0	0	0		
2004-Feb-20	3:08	394	2.1	91.2	8.30	0	0	0		
2004-Feb-20	3:08	389	2.1	92.2	8.30	0	0	0		
2004-Feb-20	3:09								Bump Top Plug	
2004-Feb-20	3:09	815	0.0	92.7	8.30	0	0	0		
2004-Feb-20	3:09								End Displacement	
2004-Feb-20	3:09	819	0.0	92.7	8.30	0	0	0		

Well TUMORROW-MORROW #105-S			Field			Service Date 0451-Feb-20		Customer OXY USA, INC.		Job Number 2205544736
Date	Time 24 hr clock	Treating Pressure psi	Flow Rate bbl/min	Volume bbl	CMT DENS lb/gal	0	0	0	Message	
2004-Feb-20	3:09	815	0.0	92.7	8.30	0	0	0		
2004-Feb-20	3:10	801	0.0	92.7	8.30	0	0	0		
2004-Feb-20	3:10	5	0.0	92.7	8.30	0	0	0		
2004-Feb-20	3:11								End Job	
2004-Feb-20	3:11	0	0.0	92.7	8.30	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			
5.7	0	0	7	233	0	10				
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density				
1500		200	850			lb/gal				
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	90	bbl			
%	233 bbl	93 bbl	°F	<input type="checkbox"/> Washed Thru Perfs	To	ft				
Customer or Authorized Representative			Schlumberger Supervisor				<input type="checkbox"/> CirculationLost <input checked="" type="checkbox"/> Job Completed			
Willimon, Wes			Gonzales, Paul							