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MAR 12 2004

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KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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Form ACO-1

September 1999

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WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form Must Be Typed

ORIGINAL

Operator: License # 5447

Name: OXY USA Inc.

Address: P.O. Box 2528

City/State/Zip: Liberal, KS 67905

Purchaser: Pending

Operator Contact Person: Vicki Carder

Phone: (620) 629-4200

Contractor: Name: Cheyenne Drilling, Inc.

License: 5382

Wellsite Geologist: NA

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  SWD  SIOW  Temp. Abd.

Gas  ENHR  SIGW

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

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

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

Plug Back  Plug Back Total Depth

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_

11/25/03 11/26/03 02/06/04

Spud Date or  Date Reached TD  Completion Date or

Recompletion Date  Recompletion Date

API No. 15 - 175-21906-0000

County: Seward

NW - NE - SE - SW Sec 9 Twp. 32 S. R. 34W

3809 1900 feet from S (circle one) Line of Section

1352 1250 feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Downing A Well #: 4

Field Name: Hugoton Chase

Producing Formation: Chase

Elevation: Ground: 2848 Kelly Bushing: 2854

Total Depth: 2905 Plug Back Total Depth: 2860

Amount of Surface Pipe Set and Cemented at 643 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.

Drilling Fluid Management Plan ALT I WITHIN 12-7-06

(Data must be collected from the Reserve Pit)

Chloride content 8300 mg/l ppm Fluid volume 750 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp, \_\_\_\_\_ S. R.  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

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

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

Signature: Vicki Carder

Title: Capital Project Date March 12, 2004

Subscribed and sworn to before me this 12<sup>th</sup> day of Mar

20 04

Notary Public: Anita Peterson

Date Commission Expires: Oct. 1, 2005

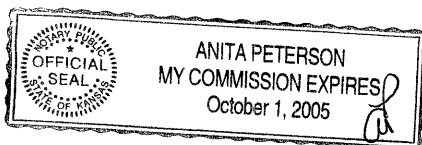
KCC Office Use Only

Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution



X

Side Two

Operator Name: OXY USA Inc. Lease Name: Downing A Well #: 4

Sec. 9 Twp. 32 S. R. 34W  East  West County: Seward

**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	2633	221
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	B/Hollenberg	2641	213
List All E. Logs Run:	Sonic Neutron	Herrington	2664	190
Induction Cement Bond		Paddock	2675	179
		Krider	2689	165
		Odell	2726	128
		Winfield	2737	117
		Gage	2768	86
		Towanda	2788	66
		B/Towanda	2838	16

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	643	C	150 100	Panhandle lite + Additives Class C + Additives
Production	7 7/8	4 1/2	11.6	2850	C H	200 220	Class C + Additives 50/50 Lite 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
6	2634-2638	Acidize - 1000 gls 15% HCL	
		Divert Frac - 449 bbl 30# linear gel, 14522# 100 Mesh,	
		39596 gals 75Q N2 w/30# linear gel, 80554# 12/20	
6	2690-2706	Mesh Sand	

TUBING RECORD		Size 2 3/8	Set At 2739	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 03/09/04		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 12	Water Bbls 114	Gas-Oil Ratio	Gravity

Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_  
*(If vented, Submit ACO-18)*

METHOD OF COMPLETION  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

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**ORIGINAL**

2003-Nov-26



**Service Order**

Customer <b>OXY USA, INC.</b>		Person Taking Call <b>Sola Lasisi, Tajudeen</b>		Dowell Location <b>Perryton, TX</b>		Order Date <b>2003-Nov-19</b>		Job Number <b>2205544240</b>			
Well Name and Number <b>DOWNING A-4</b>			Legal Location <b>SEC 9-T32S-R34W</b>		Field		County <b>SEWARD CO</b>		State/Province <b>KANSAS</b>		
Well Master: <b>0630530383</b>			API / UWI:								
Rig Name			Well Age <b>New</b>		Sales Engineer <b>Cothren, Randy</b>			Job Type <b>Cem Prod Casing</b>			
Time Well Ready:		Deviation		Bit Size <b>7.88 in</b>		Well MD <b>2,850 ft</b>		Well TVD <b>2,850 ft</b>		BHP <b>psi</b>	
								<b>120 °F</b>		<b>100 °F</b>	
Treat Down <b>Casing</b>		Packer Type		Packer Depth <b>ft</b>		Wellhead Connection <b>4 1/2 HS&amp;M</b>		HHP on Location		Max Allowed Pressure <b>2000</b>	
<b>Casing</b>					<b>Services Instructions:</b>						
Depth, ft					CEMENT 4 1/2 PRODUCTION CASING WITH:						
Size, in					20 BBL CW100						
Weight, lb/ft					200 SKS CLASS C+ 3%D79 + 0.2%D46 + 0.25 PPS D29 + 0.25%D112						
Grade					220 SKS 50/50 POZ CLASS H + 2%D20 + 3%M117 + 5 PPS D42 + 5						
Thread					PPS D53 + 0.25% D112 + 0.25% D65 + 0.25% D48						
					DISPLACE WITH 4 GAL L64 + 1 LB OF B69						
					<b>Extra Equipment:</b>						
					1 PUMP						
					1 ABT						
					1 CEMCAT						
					<b>KCC</b>						
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<b>Perforated Intervals</b>											
Top, ft		Bottom, ft		spf		No. of Shots		Total Interval			
								ft			
								Diameter			
								in			
<b>Expected On Location:</b>						<b>Ready To Pump:</b>					

Contact	Voice	Mobile	FAX	Notes
Company Rep				

**Notes:**  
**FLOAT EQUIPMENT= 1 TOP PLUG & BOTTOM PLUG**

**Directions:**  
 FROM LIBERAL (NORTH SIDE) ON HWY 83 TO JCT WITH HWY <sup>51</sup> 7 MILES NORTH === 7 MILES WEST TO MARTINNEY RD===7 MILES NORTH === 2 MILES EAST ===== 0.6 NORTH THROUGH FENCE===== 1/4 WEST INTO LOCATION

**Other Notes:**  
 FOLLOW ALL CONVOY POLICIES AND BE SAFE!!!

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**Schlumberger**

**Cementing Service Report**

**KCC WICHITA**

Customer <b>OXY USA, INC.</b>				Job Number <b>2205544240</b>						
Well <b>DOWNING A-4</b>			Location (Legal) <b>SEC 9-T32S-R34W</b>			Schlumberger Location <b>Perryton, TX</b>		Job Start <b>2003-Nov-27</b>		
Field <b>SEWARD CO</b>		Formation Name/Type <b>KANSAS</b>			Deviation <b>7.88 in</b>		Blk Size <b>2,850 ft</b>		Well TVD <b>2,850 ft</b>	
County <b>SEWARD CO</b>		State/Province <b>KANSAS</b>			BHP <b>psi</b>	BHST <b>120 °F</b>	BHCT <b>100 °F</b>	Pore Press. Gradient <b>psi/ft</b>		
Well Master: <b>0630530383</b>		API / UWI:			Casing/Liner					
Rig Name		Drilled For <b>Oil &amp; Gas</b>		Service Via <b>Land</b>		Depth, ft <b>2650</b>	Size, in <b>4.5</b>	Weight, lb/ft <b>11.6</b>	Grade <b></b>	Thread <b></b>
Offshore Zone		Well Class <b>New</b>		Well Type <b>Development</b>		Tubing/Drill Pipe				
Drilling Fluid Type		Max. Density <b>lb/gal</b>		Plastic Vt <b>cp</b>		Depth	Size, in	Weight, lb/ft	Grade	Thread
Service Line <b>Cementing</b>		Job Type <b>Cem Prod Casing</b>				Perforations/Open Hole				
Max. Allowed Tubing Pressure <b>2000 psi</b>		Max. Allowed Ann. Pressure <b>psi</b>		Wellhead Connection <b>4 1/2 HS&amp;M</b>		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval <b>ft</b>
Service instructions <b>CEMENT 4 1/2 PRODUCTION CASING WITH: 20 BBL CW100 200 SKS CLASS C+ 3%D79 + 0.2%D46 + 0.25 PPS D29 + 0.25%D112 220 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</b>						Diameter <b>in</b>	Treat Down <b>Casing</b>	Displacement <b>bbl</b>	Packer Type	Packer Depth <b>ft</b>
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>		Casing Tools			Squeeze Job			
LIR Pressure: <b>970 psi</b>		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input checked="" type="checkbox"/>		Shoe Type: <b>Guide</b>	Shoe Depth: <b>2902 ft</b>	Squeeze Type <b></b>		
No. Centralizers: <b>1</b>		Top Plugs: <b>1</b>		Bottom Plugs: <b>0</b>		Stage Tool Type: <b></b>	Stage Tool Depth: <b>ft</b>	Tool Depth: <b>ft</b>	Tail Pipe Size: <b>in</b>	
Cement Head Type: <b>Single</b>		Job Scheduled For: <b>2003-Nov-27 18:00</b>		Arrived on Location: <b>2003-Nov-27 18:00</b>		Leave Location: <b>2003-Nov-27 21:30</b>		Casing Type: <b>Float</b>	Casing Depth: <b>2666.71 ft</b>	Squeeze Total Vol: <b>bbl</b>
Date	Time	Treating Pressure 24 hr clock psi	Density lb/gal	Volume bbl	CMT RATE bbl/min	0	0	0	Message	
2003-Nov-27	20:01	287	13.96	0.1	6.3	0	0	0		
2003-Nov-27	20:02								Start Mixing Tail Slurry	
2003-Nov-27	20:02	306	14.10	4.8	6.3	0	0	0		
2003-Nov-27	20:02	297	14.04	5.8	6.3	0	0	0		
2003-Nov-27	20:03	287	13.95	11.4	6.3	0	0	0		
2003-Nov-27	20:04	310	13.97	17.1	6.4	0	0	0		
2003-Nov-27	20:05	292	13.69	22.9	6.4	0	0	0		
2003-Nov-27	20:06	301	13.82	28.6	6.4	0	0	0		
2003-Nov-27	20:06	233	14.00	34.3	5.9	0	0	0		
2003-Nov-27	20:07	123	12.62	38.5	4.9	0	0	0		
2003-Nov-27	20:08	22	13.87	42.9	4.4	0	0	0		
2003-Nov-27	20:09	-5	13.32	43.0	0.0	0	0	0		
2003-Nov-27	20:10	397	9.14	47.4	6.8	0	0	0		
2003-Nov-27	20:10								Reset Total, Vol = 68.20 bbl	
2003-Nov-27	20:10	342	8.50	50.4	7.0	0	0	0		
2003-Nov-27	20:11								Start Displacement	
2003-Nov-27	20:11	370	8.49	50.7	7.0	0	0	0		
2003-Nov-27	20:11								Drop Top Plug	
2003-Nov-27	20:11	338	8.28	53.6	6.9	0	0	0		
2003-Nov-27	20:12	-5	8.25	58.8	0.0	0	0	0		
2003-Nov-27	20:13	-10	8.05	58.8	0.0	0	0	0		
2003-Nov-27	20:14	91	8.05	62.2	6.0	0	0	0		

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DOWNING #A-4		Field		Service Date		Customer		Job Number	
				03331-Nov-27		OXY USA, INC.		2205544240	
Date	Time	Treating Pressure	Density	Volume	CMT RATE				Message
	24 hr clock	psi	lb/gal	bbbl	bbbl/min	0	0	0	
2003-Nov-27	20:15	164	8.08	67.5	5.8	0	0	0	KCC
2003-Nov-27	20:15	242	8.07	72.7	5.8	0	0	0	
2003-Nov-27	20:16	439	8.18	77.9	5.8	0	0	0	MAR 12 2004
2003-Nov-27	20:17	530	8.19	83.1	5.7	0	0	0	CONFIDENTIAL
2003-Nov-27	20:18	658	8.15	88.3	5.8	0	0	0	
2003-Nov-27	20:19	690	8.16	93.5	5.8	0	0	0	
2003-Nov-27	20:20	635	8.18	96.1	2.5	0	0	0	
2003-Nov-27	20:21	699	8.18	96.4	2.5	0	0	0	
2003-Nov-27	20:22	718	8.18	100.6	2.5	0	0	0	
2003-Nov-27	20:23	768	8.18	102.9	2.5	0	0	0	
2003-Nov-27	20:23								Bump Top Plug
2003-Nov-27	20:23	1469	8.18	103.9	0.0	0	0	0	Reset Total, Vol = 43.75 bbl
2003-Nov-27	20:23	1473	8.18	103.9	0.0	0	0	0	
2003-Nov-27	20:23								Float is Holding
2003-Nov-27	20:23	1464	8.18	103.9	0.0	0	0	0	
2003-Nov-27	20:24	1464	8.18	103.9	0.0	0	0	0	
2003-Nov-27	20:24	-5	8.18	103.9	0.0	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		
4.5	0	0	6	167	0	0			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
1360		350	1360		bbbl	8.34 lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix. Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?		Volume	40 bbl		
%	bbbl	94.5 bbl	°F	<input type="checkbox"/> Washed Thru Perfs		To	ft		
Customer or Authorized Representative			Schlumberger Supervisor			Armas, Juan		<input type="checkbox"/> Circulation Lost	
Rep. Company								<input checked="" type="checkbox"/> Job Completed	

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Cementing Service Report

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Customer OXY USA, INC.						Job Number 2205544239			
Well DOWNING A-4		Location (neqat) SEC 9-T32S-R34W		Schlumberger Location Perryton, TX		Job Start 2003-Nov-25			
Field		Formation Name/Type		Deviation	Bit Size 12.3 in	Well MD 644 ft	Well TVD 644 ft		
County SEWARD CO		State/Province KANSAS		BHP 1000 psi	BHST 90 °F	BHCT 90 °F	Pore Press. Gradient psi/ft		
Well Master: 0630530383		API / UWI:		Casing/Liner					
Rig Name CHEYENNE 8	Drilled For Oil & Gas	Service Via Land		Depth, ft 647	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 Viscosity		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 IN SURFACE CASING WITH: 150 SKS (PANHANDLE LITE CLASS C) + 0.2% D46 + 0.0.5PPS D29 100 SKS CLASS C + 2% S001 + 0.25 PPS D29				Treat Down Casing	Displacement 38.4 bbl	Packer Type None	Packer Depth 0 ft		
Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>	Tubing Vol. bbl	Casing Vol. 41 bbl	Annular Vol. 48 bbl	Openhole Vol. 89 bbl		Casing Tools		
List Pressure: 200 psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Type:	Shoe Depth: 647 ft	Squeeze Type:	Tool Type:	Stage Tool Type:		
No. Centralizers:	Top Plugs: 1	Bottom Plugs: 0	Stage Tool Depth: ft	Tail Pipe Size: in	Collar Type:	Tail Pipe Depth: ft	Collar Depth: 603 ft		
Cement Head Type: Single	Job Scheduled For: 2003-Nov-25 17:00	Arrived on Location: 2003-Nov-25 17:00	Leave Location: 2003-Nov-25 21:30	Sqz Total Vol: bbl	Squeeze Job				
Date	Time	Treating Pressure psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	g	g	g	Message
2003-Nov-25	19:32	0	0.0	7.19	0.0	0	0	0	
2003-Nov-25	19:32								Start Job
2003-Nov-25	19:32	78	1.0	8.39	0.1	0	0	0	
2003-Nov-25	19:33	1854	0.0	8.40	0.2	0	0	0	
2003-Nov-25	19:33	1927	0.0	8.40	0.2	0	0	0	
2003-Nov-25	19:33								Pressure Test Lines
2003-Nov-25	19:33	1895	0.0	7.06	0.2	0	0	0	
2003-Nov-25	19:33								Reset Total, Vol = 0.22 bbl
2003-Nov-25	19:33	1891	0.0	7.12	0.0	0	0	0	
2003-Nov-25	19:33								Start Pumping Spacer
2003-Nov-25	19:33	1881	0.0	7.25	0.0	0	0	0	
2003-Nov-25	19:34	27	0.0	7.09	0.0	0	0	0	
2003-Nov-25	19:34	142	4.0	8.39	1.0	0	0	0	
2003-Nov-25	19:35	151	4.0	8.04	3.0	0	0	0	
2003-Nov-25	19:35	160	4.0	8.25	5.0	0	0	0	
2003-Nov-25	19:36	160	4.0	8.32	6.9	0	0	0	
2003-Nov-25	19:36	197	5.5	8.31	9.4	0	0	0	
2003-Nov-25	19:37	192	5.5	8.50	12.1	0	0	0	
2003-Nov-25	19:37	188	5.5	9.18	13.2	0	0	0	
2003-Nov-25	19:37								End Spacer
2003-Nov-25	19:37								Reset Total, Vol = 13.40 bbl
2003-Nov-25	19:37	188	5.5	9.19	13.4	0	0	0	

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Well		Field			Service Date		Customer			Job Number
DOWNING #A-4					03329-Nov-25		OXY USA, INC.			2206544299
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-Nov-25	19:37	183	5.5	9.30	0.2	0	0	0		
2003-Nov-25	19:37								Start Mixing Lead Slurry	
2003-Nov-25	19:37	197	5.5	10.10	1.5	0	0	0	<b>KCC</b>	
2003-Nov-25	19:38	206	5.5	11.24	4.2	0	0	0		
2003-Nov-25	19:38	229	5.5	12.20	7.0	0	0	0	<b>MAR 12 2004</b>	
2003-Nov-25	19:39	233	5.5	12.23	9.8	0	0	0		
2003-Nov-25	19:39	224	5.5	11.93	12.5	0	0	0	<b>CONFIDENTIAL</b>	
2003-Nov-25	19:40	215	5.5	11.76	15.3	0	0	0		
2003-Nov-25	19:40	211	5.5	11.97	18.0	0	0	0		
2003-Nov-25	19:41	206	5.5	12.01	20.8	0	0	0		
2003-Nov-25	19:41	201	5.5	12.08	23.5	0	0	0		
2003-Nov-25	19:42	197	5.5	11.93	26.2	0	0	0		
2003-Nov-25	19:42	174	5.5	11.21	29.0	0	0	0		
2003-Nov-25	19:43	179	5.5	11.68	31.7	0	0	0		
2003-Nov-25	19:43	160	5.5	11.84	34.5	0	0	0		
2003-Nov-25	19:44	165	5.5	11.83	37.2	0	0	0		
2003-Nov-25	19:44	165	5.5	11.79	40.0	0	0	0		
2003-Nov-25	19:45	156	5.5	11.85	42.7	0	0	0		
2003-Nov-25	19:45	156	5.5	12.00	45.5	0	0	0		
2003-Nov-25	19:46	169	5.5	12.05	48.2	0	0	0	<b>RECEIVED</b>	
2003-Nov-25	19:46	165	5.5	11.91	50.9	0	0	0		
2003-Nov-25	19:47	151	5.5	11.89	53.7	0	0	0	<b>MAR 15 2004</b>	
2003-Nov-25	19:47	160	5.5	11.97	56.4	0	0	0		
2003-Nov-25	19:48	160	5.5	11.98	59.2	0	0	0	<b>KCC WICHITA</b>	
2003-Nov-25	19:48	165	5.5	12.04	61.9	0	0	0		
2003-Nov-25	19:49	160	5.5	12.02	64.7	0	0	0		
2003-Nov-25	19:49	165	5.5	12.22	67.4	0	0	0		
2003-Nov-25	19:50	156	5.5	12.62	70.2	0	0	0		
2003-Nov-25	19:50	169	5.5	12.75	73.0	0	0	0		
2003-Nov-25	19:50	169	5.5	12.82	73.6	0	0	0		
2003-Nov-25	19:50								End Lead Slurry	
2003-Nov-25	19:50	169	5.5	12.85	73.8	0	0	0		
2003-Nov-25	19:50								Reset Total, Vol = 73.80 bbl	
2003-Nov-25	19:50								Start Mixing Tail Slurry	
2003-Nov-25	19:50	169	5.5	12.88	0.2	0	0	0		
2003-Nov-25	19:51	188	5.5	13.47	1.9	0	0	0		
2003-Nov-25	19:51	188	5.5	14.40	4.7	0	0	0		
2003-Nov-25	19:52	188	5.5	14.78	7.4	0	0	0		
2003-Nov-25	19:52	192	5.5	14.63	10.1	0	0	0		
2003-Nov-25	19:53	192	5.5	14.75	12.9	0	0	0		
2003-Nov-25	19:53	192	5.5	14.99	15.6	0	0	0		
2003-Nov-25	19:54	192	5.5	14.97	18.4	0	0	0		
2003-Nov-25	19:54	193	5.5	14.93	21.1	0	0	0		
2003-Nov-25	19:55	188	5.5	14.76	23.9	0	0	0		
2003-Nov-25	19:55	179	5.5	14.97	26.6	0	0	0		
2003-Nov-25	19:56								End Tail Slurry	
2003-Nov-25	19:56	37	0.0	15.29	28.4	0	0	0		
2003-Nov-25	19:56								Reset Total, Vol = 28.45 bbl	
2003-Nov-25	19:56	27	0.0	15.26	28.4	0	0	0		
2003-Nov-25	19:56	18	0.0	15.20	0.0	0	0	0		
2003-Nov-25	19:56	14	0.0	14.88	0.0	0	0	0		
2003-Nov-25	19:57	9	0.0	14.72	0.0	0	0	0		
2003-Nov-25	19:57	14	0.0	14.69	0.0	0	0	0		
2003-Nov-25	19:58	14	0.0	14.68	0.0	0	0	0		

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Well		Field			Service Date		Customer			Job Number
DOWNING #A-4					03329-Nov-25		OXY USA, INC.			2205544239
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message	
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	0	0	0		
2003-Nov-25	19:58	14	0.0	14.64	0.0	0	0	0	<b>KCC</b>	
2003-Nov-25	19:59	14	0.0	13.78	0.0	0	0	0		
2003-Nov-25	19:59	14	0.0	13.03	0.0	0	0	0	<b>MAR 12 2004</b>	
2003-Nov-25	20:00	9	0.0	12.37	0.0	0	0	0		
2003-Nov-25	20:00	9	0.0	11.48	0.0	0	0	0	<b>CONFIDENTIAL</b>	
2003-Nov-25	20:01	9	0.0	10.24	0.0	0	0	0		
2003-Nov-25	20:01	9	0.0	9.02	0.0	0	0	0		
2003-Nov-25	20:02	50	0.0	8.11	0.2	0	0	0		
2003-Nov-25	20:02	46	1.2	8.56	0.3	0	0	0		
2003-Nov-25	20:03	146	5.7	9.46	1.1	0	0	0		
2003-Nov-25	20:03	128	6.7	8.05	4.4	0	0	0		
2003-Nov-25	20:03	105	6.6	8.31	5.7	0	0	0		
2003-Nov-25	20:03								Drop Top Plug	
2003-Nov-25	20:03	133	6.6	8.27	5.9	0	0	0		
2003-Nov-25	20:03								Start Displacement	
2003-Nov-25	20:04	169	6.6	7.99	7.7	0	0	0		
2003-Nov-25	20:04	179	6.6	8.00	11.0	0	0	0		
2003-Nov-25	20:05	192	6.6	8.53	14.3	0	0	0		
2003-Nov-25	20:05	183	6.6	8.57	17.0	0	0	0		
2003-Nov-25	20:06	220	6.6	9.39	20.3	0	0	0		
2003-Nov-25	20:06	229	6.6	7.73	23.6	0	0	0		
2003-Nov-25	20:07	261	6.6	8.38	26.9	0	0	0		
2003-Nov-25	20:07	284	6.6	7.79	30.2	0	0	0		
2003-Nov-25	20:08	174	2.7	7.47	32.6	0	0	0		
2003-Nov-25	20:08	188	2.2	7.96	33.7	0	0	0		
2003-Nov-25	20:09	188	2.2	7.96	34.8	0	0	0		
2003-Nov-25	20:09	128	1.3	7.96	35.8	0	0	0		
2003-Nov-25	20:10	183	2.1	7.96	36.8	0	0	0		
2003-Nov-25	20:10	206	2.0	7.96	37.8	0	0	0		
2003-Nov-25	20:11	215	2.0	7.96	38.8	0	0	0		
2003-Nov-25	20:11	179	1.0	7.97	39.2	0	0	0		
2003-Nov-25	20:12	467	0.0	7.98	39.5	0	0	0		
2003-Nov-25	20:12								Bump Top Plug	
2003-Nov-25	20:12	467	0.0	7.99	39.5	0	0	0		
2003-Nov-25	20:12								End Displacement	
2003-Nov-25	20:12	467	0.0	7.98	39.5	0	0	0		
2003-Nov-25	20:12	467	0.0	7.99	39.5	0	0	0		
2003-Nov-25	20:12								Reset Total, Vol = 39.46 bbl	
2003-Nov-25	20:12	23	0.0	7.98	0.0	0	0	0		
2003-Nov-25	20:13	19	0.0	7.99	0.0	0	0	0		
2003-Nov-25	20:13	23	0.0	7.99	0.0	0	0	0		
2003-Nov-25	20:13								End Job	
2003-Nov-25	20:30									

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Well DOWNING #A-4		Field		Service Date 03328-Nov-25		Customer OXY USA, INC.		Job Number 2205544239	
Date	Time 24 hr clock							Message	
<b>Post Job Summary</b>									
Average Pump Rates, bpm				Volume of Fluid Injected, bbl					
Slurry	N2	mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
5	0	0	6	94	0	10			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
			500			bbi	lb/gal		
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	20	bbi		
%	94 bbl	38.4 bbl	°F	<input type="checkbox"/> Washed Thru Perfs	To	ft			
Customer or Authorized Representative Fillpot, Gregg			Schlumberger Supervisor Ahrends, Timothy			<input type="checkbox"/> CirculationLost		<input checked="" type="checkbox"/> Job Completed	

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