

KCC

MAY 09 2003

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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

ORIGINAL

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:  
 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: OXY USA, Inc.  
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. \_\_\_\_\_  
01/17/03 01/27/03 02/27/03  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 067-21512-0000  
County: Grant  
W/2 - W/2 - SW - SE Sec 11 Twp. 27 S. R. 35W  
588 feet from (S) N (circle one) Line of Section  
2538 feet from (E) W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: Ladner G Well #: 2  
Field Name: Ladner  
Producing Formation: Well T&A  
Elevation: Ground: 3025 Kelly Bushing: 3036  
Total Depth: 5580 Plug Back Total Depth: 5292  
Amount of Surface Pipe Set and Cemented at 1892 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.

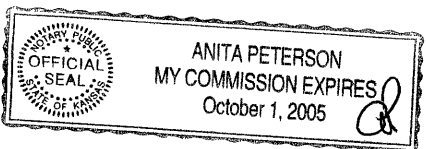
Drilling Fluid Management Plan ALT I WITH  
*(Data must be collected from the Reserve Pit)* 2-7-07  
Chloride content 2400 ppm Fluid volume 1550 bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License 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 May 9, 2003  
Subscribed and sworn to before me this 9<sup>th</sup> day of May  
20 03  
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



Side Two

Operator Name: OXY USA Inc. Lease Name: Ladner G Well #: 2  
 Sec. 11 Twp. 27 S. R. 35W  East  West County: Grant

**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 checked="" type="checkbox"/> Yes <input 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	Heebner	3924 -888
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Toronto	3940 -904
List All E. Logs Run:	Induction Neutron	Lansing	3967 -931
Sonic Geological Report		Marmaton	4575 -1539
		Cherokee	4718 -1682
		Atoka	4965 -1929
		Morrow	5030 -1994
		(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	1892	C	810	35/65 POZ, Gel, 2% CC, Flocele
Production	7 7/8	5 1/2	15.5	5318	C	250	50/50 POZ + Add(See Cmt ticket)

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 <i>(Amount and Kind of Material Used)</i>	Depth
6	5134-5168	Acidize - 55 bbls 15% HCL	Morrow
		Frac-800 bbls 30# x-linked gel, 83,500# 16/30 Sand	
6	4880-4884	Acidize - 1000 gls 15% FE MCA	Cherokee

TUBING RECORD		Size 2 7/8	Set At 5209	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. NA			Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) TA - All Water		
Estimated Production Per 24 Hours	Oil BBLs 0	Gas Mcf 0	Water Bbls 243	Gas-Oil Ratio	Gravity

Disposition of Gas                      METHOD OF COMPLETION                      Production Interval

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

*(If vented, Submit ACO-18)*                       Other (Specify) TA Well-Potential Water Supply Candidate

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Side Three

Operator Name: OXY USA Inc. Lease Name: Ladner G Well #: 2

Sec. 11 Twp. 27 S. R. 35W  East  West County: Grant

<u>Name</u>	<u>Top</u>	<u>Datum</u>
Chester	5246	-2210
St. Genieve	5371	-2335
St. Louis	5468	-2432

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Service Order

2003-Jan-19

Customer OXY USA INC		Person Taking Call Shaikh, Humair		Dowell Location Perryton, TX		OrderDate 2003-Jan-19		Job Number 2205541277				
Well Name and Number LADNER G-2			Legal Location		Field		County GRAY		State/Province KANSAS			
Well Master: 0630472617			API / UWI:									
Rig Name			Well Age New		Sales Engineer Cothren, Randy			Job Type Cem Surface Casing				
Time Well Ready:		Deviation 0 °		Bit Size 12.3 in		Well MD 1,900 ft		Well TVD 1,900 ft		BHP 2000 psi	BHST 92 °F	BHCT 87 °F
Treat Down Casing		Packer Type None	Packer Depth 0 ft		WellHead Connection 8 5/8 HS&M		HHP on Location		Max Allowed Pressure 2000		Max Allowed AnnPressure	
<b>Casing</b>					<b>Services Instructions:</b> CEMENT 1,900 FT OF 8 5/8 IN CASING WITH: LEAD: 660 SKS 35:65 POZ C + ADDS TAIL: 150 SKS CLASS C+2%S1+0.25 PPS D29							
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread								
1900	8.63	24										
<b>Tubing</b>					<b>Extra Equipment:</b> 2 ABTS 1 PUMP 1 CEMCAT							
Depth,	Size, in	Weight, lb/ft	Grade	Thread								
<b>Perforated Intervals</b>					<b>RECEIVED</b> <b>MAY 12 2003</b> <b>KCC WICHITA</b>							
Top, ft	Bottom, ft	spf	No. of Shots	Total Interval								
				ft								
				Diameter								
					in							
Expected On Location:						Ready To Pump:						

Contact	Voice	Mobile	FAX	Notes
CAL WYLIE		620-629-5656		

**Notes:**  
 1 GUIDE SHOE === 1 ORIFICE FILL COLLAR === 1 CEMENT BASKET === 5 CENTRALIZERS === 1 TOP PLUG===1 STOP RING

**Directions:**  
 FROM SUBLETTE KS,—14 NORTH TO THE HITCHLAND FEEDERS BLACKTOP—12 WEST TO COUNTY LINE—2 NORTH—2 WEST— NORTH INTO LOCATION

**Other Notes:**  
 BE SAFE!!!

**Comments:**

**Fluid Systems:**

<b>LEAD</b>			
<b>660 SKS 35:65 POZ C+ 6%D20 + 2%S1 + 0.5 PPS D29</b>			
<i>Density:</i>	12.2	lb/gal	<i>Thickening Time:</i>
<i>Yield:</i>	2.18	ft <sup>3</sup> /sk	
<i>H2O Mix:</i>	12.31	gal/sk	
<i>H2O:</i>	8124.6	gal	<i>Eq. Sack Weight:</i> 88.75 lb
			<i>Total Blend:</i> 660 sacks
<b>Dowell Code</b>	<b>Conc/ Amount</b>	<b>Total Quantity</b>	
D029	0.5 lbs/sk	330	
S001	1.775 lbs/sk	1171.5	
D020	5.325 lbs/sk	3514.5	
POZ	27.65 lbs/sk	18249	
CLASS C	61.1 lbs/sk	40326	

<b>TAIL</b>			
<b>150 SKS CLASS C+2%S1+0.25 PPS D29</b>			
<i>Density:</i>	14.8	lb/gal	<i>Thickening Time:</i>
<i>Yield:</i>	1.34	ft <sup>3</sup> /sk	
<i>H2O Mix:</i>	6.3	gal/sk	
<i>H2O:</i>	945	gal	<i>Eq. Sack Weight:</i> 94 lb
			<i>Total Blend:</i> 150 sacks
<b>Dowell Code</b>	<b>Conc/ Amount</b>	<b>Total Quantity</b>	
S001	1.88 lbs/sk	282	
CLASS C	94 lbs/sk	14100	
D029	0.25 lbs/sk	37.5	

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**Cementing Service Report**

Customer <b>OXY USA INC</b>	<b>KCC</b>	Job Number <b>2205541277</b>
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Well <b>LADNER G-2</b>	Location (MAY 09 2003)	Schlumberger Location <b>Perryton, TX</b>	Job Start <b>2003-Jan-19</b>
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Field	Formation Name/Type <b>CONFIDENTIAL</b>	Deviation <b>0</b>	Bit Size <b>12.3 in</b>	Well MD <b>1,900 ft</b>	Well TVD <b>1,900 ft</b>
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County <b>GRANT</b>	State/Province <b>KANSAS</b>	BHP <b>2000 psi</b>	BHST <b>92 °F</b>	BHCT <b>87 °F</b>	Pore Press. Gradient <b>psi/ft</b>
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Well Master: <b>0630472617</b>	API / UWI:	Casing/Liner			
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Rig Name	Drilled For <b>Oil &amp; Gas</b>	Service Vin	Depth, ft <b>1895</b>	Size, in <b>8.63</b>	Weight, lb/ft <b>24</b>	Grade	Thread
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Offshore Zone	Well Class <b>New</b>	Well Type <b>Development</b>	Tubing/Drill Pipe				
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Drilling Fluid Type	Max. Density <b>lb/gal</b>	Plastic Vi: cp	Depth,	Size, in	Weight, lb/ft	Grade	Thread
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Service Line <b>Cementing</b>	Job Type <b>Cem Surface Casing</b>	Perforations/Open Hole				
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Max. Allowed Tubing Pressure <b>2000 psi</b>	Max. Allowed Ann. Pressure <b>psi</b>	WellHead Connection <b>8 5/8 HS&amp;M</b>	Top, ft	Bottom, ft	spf	No. of Shots	Total Interval <b>ft</b>
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Service Instructions <b>CEMENT 1,900 FT OF 8 5/8 IN CASING WITH: LEAD: 660 SKS 35:65 POZ C + ADDS TAIL: 150 SKS CLASS C+2%S1+0.25 PPS D29</b>		Diameter <b>in</b>	
Treat Down <b>Casing</b>	Displacement <b>117.8 bbl</b>	Packer Type <b>None</b>	Packer Depth <b>0 ft</b>
Tubing Vol. <b>bbl</b>	Casing Vol. <b>121 bbl</b>	Annular Vol. <b>bbl</b>	OpenHole Vol <b>bbl</b>

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: <b>600 psi</b>	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Type: <b>Guide</b>	Squeeze Type	
No. Centralizers:	Top Plugs: <b>1</b>	Bottom Plugs:	Shoe Depth: <b>1895 ft</b>	Tool Type:	

Cement Head Type: <b>Single</b>	Job Scheduled For: <b>1/19/2003 19:00</b>	Arrived on Location: <b>2003-Jan-19 19:15</b>	Leave Location: <b>2003-Jan-19 23:45</b>	Stage Tool Type:	Tool Depth: <b>ft</b>
				Stage Tool Depth: <b>ft</b>	Tail Pipe Size: <b>in</b>

Collar Type: <b>Auto-Fill</b>	Collar Depth: <b>1850 ft</b>	Tail Pipe Depth: <b>ft</b>	Sqz Total Vol: <b>bbl</b>
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Date	Time	Treating Pressure psi	CMT DENS lb/gal	Flow Rate bbl/min	Volume bbl	0	0	0	Message
2003-Jan-19	21:39	0	8.39	0.0	0.0	0	0	0	
2003-Jan-19	21:39	0	8.39	0.0	0.0	0	0	0	
2003-Jan-19	21:39								Start Job
2003-Jan-19	21:40	0	8.39	0.0	0.0	0	0	0	
2003-Jan-19	21:40								Pressure Test Lines
2003-Jan-19	21:40	0	8.39	0.0	0.0	0	0	0	
2003-Jan-19	21:40	0	8.39	0.0	0.0	0	0	0	
2003-Jan-19	21:41	0	8.39	0.9	0.0	0	0	0	
2003-Jan-19	21:41	2472	8.39	0.0	0.3	0	0	0	
2003-Jan-19	21:42								Reset Total, Vol = 0.33 bbl
2003-Jan-19	21:42	2412	8.39	0.0	0.3	0	0	0	
2003-Jan-19	21:42								Start Pumping Wash
2003-Jan-19	21:42	2330	8.39	0.0	0.0	0	0	0	
2003-Jan-19	21:42	2225	8.38	0.0	0.0	0	0	0	
2003-Jan-19	21:42	2188	8.38	0.0	0.0	0	0	0	
2003-Jan-19	21:43	23	8.38	0.0	0.0	0	0	0	
2003-Jan-19	21:43	50	8.35	3.0	0.1	0	0	0	
2003-Jan-19	21:44	169	8.31	5.7	2.8	0	0	0	
2003-Jan-19	21:44	169	8.32	5.7	5.6	0	0	0	
2003-Jan-19	21:45	174	8.32	5.7	8.5	0	0	0	
2003-Jan-19	21:45	174	8.35	5.7	11.3	0	0	0	
2003-Jan-19	21:46								End Wash

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Well		Field			Service Date		Customer			Job Number
LADNER #G-2					0319-Jan-19		OXY USA INC			2205541277
Date	Time	Treating Pressure	CMT DENS	Flow Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbt/min	bbt	0	0	0		
2003-Jan-19	21:46	206	9.70	5.7	12.6	0	0	0		
2003-Jan-19	21:46	229	9.89	5.7	12.8	0	0	0		
2003-Jan-19	21:46								Start Mixing Lead Slurry	
2003-Jan-19	21:46	211	10.90	5.7	14.2	0	0	0		
2003-Jan-19	21:46	215	11.85	5.7	17.0	0	0	0		
2003-Jan-19	21:47	105	11.93	5.7	19.9	0	0	0		
2003-Jan-19	21:47	224	12.46	5.7	22.7	0	0	0		
2003-Jan-19	21:48	224	11.98	5.7	25.6	0	0	0		
2003-Jan-19	21:48	229	12.50	5.7	28.5	0	0	0		
2003-Jan-19	21:49	229	12.40	5.7	31.4	0	0	0		
2003-Jan-19	21:49	201	12.26	5.7	34.3	0	0	0		
2003-Jan-19	21:50	201	12.56	5.7	37.1	0	0	0		
2003-Jan-19	21:50	183	12.44	5.7	40.0	0	0	0		
2003-Jan-19	21:51	188	12.46	5.7	42.8	0	0	0		
2003-Jan-19	21:51	188	12.33	5.7	45.7	0	0	0		
2003-Jan-19	21:52	211	12.22	5.7	48.5	0	0	0		
2003-Jan-19	21:52	211	12.17	5.7	51.4	0	0	0		
2003-Jan-19	21:53	192	12.34	5.7	54.2	0	0	0		
2003-Jan-19	21:53	197	12.44	5.7	57.1	0	0	0		
2003-Jan-19	21:54	188	12.53	5.7	59.9	0	0	0		
2003-Jan-19	21:54	179	12.50	5.7	62.8	0	0	0		
2003-Jan-19	21:55	179	12.42	5.7	65.6	0	0	0		
2003-Jan-19	21:55	188	12.40	5.7	68.5	0	0	0		
2003-Jan-19	21:56	201	12.38	5.7	71.4	0	0	0		
2003-Jan-19	21:56	206	12.43	5.7	74.2	0	0	0		
2003-Jan-19	21:57	188	12.34	5.7	77.1	0	0	0		
2003-Jan-19	21:57	174	12.20	5.7	79.9	0	0	0		
2003-Jan-19	21:58	165	12.16	5.7	82.8	0	0	0		
2003-Jan-19	21:58	165	12.10	5.7	85.6	0	0	0		
2003-Jan-19	21:59	160	12.13	5.7	88.5	0	0	0		
2003-Jan-19	21:59	192	12.57	5.7	91.3	0	0	0		
2003-Jan-19	22:00	169	11.49	5.7	94.2	0	0	0		
2003-Jan-19	22:01	174	11.76	5.7	97.1	0	0	0		
2003-Jan-19	22:01	156	12.27	5.7	100.0	0	0	0		
2003-Jan-19	22:02	188	12.36	5.7	102.8	0	0	0		
2003-Jan-19	22:02	179	12.33	5.7	105.7	0	0	0		
2003-Jan-19	22:03	169	12.30	5.7	108.5	0	0	0		
2003-Jan-19	22:03	146	12.34	5.7	111.4	0	0	0		
2003-Jan-19	22:04	211	12.34	5.7	114.2	0	0	0		
2003-Jan-19	22:04	69	12.08	5.7	117.1	0	0	0		
2003-Jan-19	22:05	87	11.75	5.7	119.9	0	0	0		
2003-Jan-19	22:05	224	11.97	5.7	122.8	0	0	0		
2003-Jan-19	22:06	78	12.11	5.7	125.7	0	0	0		
2003-Jan-19	22:06	73	12.19	5.7	128.5	0	0	0		
2003-Jan-19	22:07	233	12.21	5.7	131.4	0	0	0		
2003-Jan-19	22:07	266	12.25	5.7	134.2	0	0	0		
2003-Jan-19	22:08	160	11.97	5.7	137.1	0	0	0		
2003-Jan-19	22:08	69	11.88	5.7	139.9	0	0	0		
2003-Jan-19	22:09	114	12.20	5.7	142.8	0	0	0		
2003-Jan-19	22:09	174	12.10	5.7	145.6	0	0	0		
2003-Jan-19	22:10	192	12.41	5.7	148.5	0	0	0		
2003-Jan-19	22:10	188	12.19	5.7	151.3	0	0	0		
2003-Jan-19	22:11	179	12.40	5.7	154.2	0	0	0		
2003-Jan-19	22:11	156	12.24	5.7	157.0	0	0	0		

Start Mixing Lead Slurry  
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Well		Field			Service Date		Customer			Job Number
LADNER #G-2					0319-Jan-19		OXY USA INC			2205541277
Date	Time	Treating Pressure	CMT DENS	Flow Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbt/min	bbt	0	0	0		
2003-Jan-19	22:12	92	12.17	5.7	159.9	0	0	0	KCC MAY 09 2003	
2003-Jan-19	22:12	146	12.16	5.7	162.8	0	0	0		
2003-Jan-19	22:13	151	12.27	5.7	165.7	0	0	0		
2003-Jan-19	22:13	142	12.27	5.7	168.5	0	0	0	CONFIDENTIAL	
2003-Jan-19	22:14	179	12.33	5.7	171.4	0	0	0		
2003-Jan-19	22:14	169	12.41	5.7	174.3	0	0	0		
2003-Jan-19	22:15	169	12.30	5.7	177.1	0	0	0		
2003-Jan-19	22:15	82	12.17	5.7	180.0	0	0	0		
2003-Jan-19	22:16	137	11.72	5.7	182.8	0	0	0		
2003-Jan-19	22:16	146	12.22	5.7	185.7	0	0	0		
2003-Jan-19	22:17	151	12.33	5.7	188.5	0	0	0		
2003-Jan-19	22:17	156	12.30	5.7	191.4	0	0	0		
2003-Jan-19	22:18	151	12.14	5.7	194.2	0	0	0		
2003-Jan-19	22:18	146	12.17	5.7	197.1	0	0	0		
2003-Jan-19	22:19	169	12.24	5.7	199.9	0	0	0		
2003-Jan-19	22:19	165	12.27	5.7	202.8	0	0	0		
2003-Jan-19	22:20	165	11.95	5.7	205.6	0	0	0		
2003-Jan-19	22:20	165	12.35	5.7	208.5	0	0	0		
2003-Jan-19	22:21	156	12.22	5.7	211.3	0	0	0		
2003-Jan-19	22:21	156	12.13	5.7	214.2	0	0	0		
2003-Jan-19	22:22	156	12.32	5.7	217.1	0	0	0		
2003-Jan-19	22:22	156	12.35	5.7	219.9	0	0	0		
2003-Jan-19	22:23	160	12.25	5.7	222.8	0	0	0		
2003-Jan-19	22:23	179	12.29	5.7	225.6	0	0	0		
2003-Jan-19	22:24	197	12.25	5.7	228.5	0	0	0		
2003-Jan-19	22:24	169	12.24	5.7	231.4	0	0	0		
2003-Jan-19	22:25	156	12.14	5.7	234.3	0	0	0		
2003-Jan-19	22:25	156	12.25	5.7	237.1	0	0	0		
2003-Jan-19	22:26	165	12.34	5.7	240.0	0	0	0		
2003-Jan-19	22:26	124	12.31	5.7	242.8	0	0	0		
2003-Jan-19	22:27	179	12.32	5.7	245.7	0	0	0		
2003-Jan-19	22:27	179	12.29	5.7	248.5	0	0	0		
2003-Jan-19	22:28	197	12.30	5.7	251.4	0	0	0		
2003-Jan-19	22:28	220	12.33	5.7	254.2	0	0	0		
2003-Jan-19	22:29	183	12.30	5.7	257.1	0	0	0		
2003-Jan-19	22:29	179	12.33	5.7	259.9	0	0	0		
2003-Jan-19	22:30	156	12.15	5.7	262.8	0	0	0		
2003-Jan-19	22:30	165	11.85	5.7	265.7	0	0	0		
2003-Jan-19	22:30								End Lead Slurry	
2003-Jan-19	22:30	197	13.28	5.7	267.7	0	0	0		
2003-Jan-19	22:30	174	13.48	5.7	267.9	0	0	0		
2003-Jan-19	22:30								Start Mixing Tail Slurry	
2003-Jan-19	22:31	188	13.79	5.7	268.5	0	0	0		
2003-Jan-19	22:31	220	14.55	5.7	271.4	0	0	0		
2003-Jan-19	22:32	229	14.71	5.7	274.2	0	0	0		
2003-Jan-19	22:32	224	14.79	5.7	277.1	0	0	0		
2003-Jan-19	22:33	220	14.73	5.7	279.9	0	0	0		
2003-Jan-19	22:33	266	14.60	5.7	282.8	0	0	0		
2003-Jan-19	22:34	270	14.80	5.7	285.6	0	0	0		
2003-Jan-19	22:34	261	15.01	5.7	288.5	0	0	0		
2003-Jan-19	22:35	256	14.84	5.7	291.3	0	0	0		
2003-Jan-19	22:35	224	14.88	5.7	294.2	0	0	0		
2003-Jan-19	22:36	215	14.91	5.7	297.1	0	0	0		
2003-Jan-19	22:36	220	15.05	5.7	300.0	0	0	0		



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Well		Field			Service Date		Customer			Job Number
LADNER #G-2					0319-Jan-19		OXY USA INC			2205541277
Date	Time	Treating Pressure	CMT DENS	Flow Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	KCC	
						0	0	0	MAY 09 2003	
2003-Jan-19	22:37	252	15.22	5.7	302.8	0	0	0		
2003-Jan-19	22:37	18	0.86	0.0	303.3	0	0	0		
2003-Jan-19	22:37								End Tail Slurry	
2003-Jan-19	22:37								Drop Top Plug	
2003-Jan-19	22:37	18	0.80	0.0	303.3	0	0	0		
2003-Jan-19	22:37	18	0.78	0.0	303.3	0	0	0		
2003-Jan-19	22:37	18	0.77	0.0	303.3	0	0	0		
2003-Jan-19	22:37								Start Displacement	
2003-Jan-19	22:38	14	0.62	0.0	303.3	0	0	0		
2003-Jan-19	22:38	9	0.58	0.0	303.3	0	0	0		
2003-Jan-19	22:39	14	0.57	0.0	303.3	0	0	0		
2003-Jan-19	22:39	9	0.56	0.0	303.3	0	0	0		
2003-Jan-19	22:40	9	0.56	0.0	303.3	0	0	0		
2003-Jan-19	22:40	119	9.54	4.8	304.0	0	0	0		
2003-Jan-19	22:41	105	8.57	6.6	307.3	0	0	0		
2003-Jan-19	22:41	101	8.27	6.6	310.6	0	0	0		
2003-Jan-19	22:42	105	8.15	6.6	313.9	0	0	0		
2003-Jan-19	22:42	119	8.82	6.6	317.2	0	0	0		
2003-Jan-19	22:43	146	8.18	6.6	320.5	0	0	0		
2003-Jan-19	22:43	192	8.11	6.6	323.8	0	0	0		
2003-Jan-19	22:44	183	8.18	6.6	327.1	0	0	0		
2003-Jan-19	22:44	266	8.19	6.6	330.4	0	0	0		
2003-Jan-19	22:45	220	8.18	6.6	333.7	0	0	0		
2003-Jan-19	22:45	160	8.18	6.6	337.0	0	0	0		
2003-Jan-19	22:46	275	8.19	6.6	340.3	0	0	0		
2003-Jan-19	22:46	348	8.20	6.6	343.6	0	0	0		
2003-Jan-19	22:47	307	8.20	6.6	346.9	0	0	0		
2003-Jan-19	22:47	270	8.22	6.6	350.3	0	0	0		
2003-Jan-19	22:48	174	8.21	6.6	353.6	0	0	0		
2003-Jan-19	22:48	275	8.21	6.6	356.9	0	0	0		
2003-Jan-19	22:49	275	8.35	6.6	360.2	0	0	0		
2003-Jan-19	22:49	298	8.36	6.6	363.5	0	0	0		
2003-Jan-19	22:50	307	8.36	6.6	366.8	0	0	0		
2003-Jan-19	22:50	311	8.36	6.6	370.1	0	0	0		
2003-Jan-19	22:51	330	8.36	6.6	373.4	0	0	0		
2003-Jan-19	22:51	334	8.36	6.6	376.7	0	0	0		
2003-Jan-19	22:52	357	8.36	6.6	380.0	0	0	0		
2003-Jan-19	22:52	380	8.36	6.6	383.3	0	0	0		
2003-Jan-19	22:53	385	8.36	6.6	386.6	0	0	0		
2003-Jan-19	22:53	412	8.36	6.6	389.9	0	0	0		
2003-Jan-19	22:54	430	8.36	6.6	393.1	0	0	0		
2003-Jan-19	22:54	453	8.36	6.6	396.4	0	0	0		
2003-Jan-19	22:55	471	8.36	6.6	399.7	0	0	0		
2003-Jan-19	22:55	494	8.36	6.6	403.0	0	0	0		
2003-Jan-19	22:56	517	8.37	6.6	406.3	0	0	0		
2003-Jan-19	22:56	536	8.37	6.6	409.6	0	0	0		
2003-Jan-19	22:57	471	8.37	3.9	412.2	0	0	0		
2003-Jan-19	22:57	481	8.37	3.9	414.1	0	0	0		
2003-Jan-19	22:58	504	8.37	3.9	416.1	0	0	0		
2003-Jan-19	22:58	471	8.37	2.5	417.4	0	0	0		
2003-Jan-19	22:59	504	8.37	2.5	418.6	0	0	0		
2003-Jan-19	22:59	499	8.37	2.5	419.9	0	0	0		
2003-Jan-19	23:00	513	8.37	2.5	421.1	0	0	0		
2003-Jan-19	23:00	517	8.37	2.5	422.3	0	0	0		

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**ORIGINAL**

Well			Field		Service Date		Customer			Job Number	
LADNER #G-2					0319-Jan-19		OXY USA INC			2205541277	
Date	Time	Treating Pressure	CMT DENS	Flow Rate	Volume	0	0	0	Message		
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	<b>KCC</b>		
2003-Jan-19	23:01	531	8.37	2.5	423.6	0	0	0	MAY 09 2003		
2003-Jan-19	23:01	536	8.37	2.5	424.8	0	0	0			
2003-Jan-19	23:02	540	8.37	2.5	426.1	0	0	0	<b>CONFIDENTIAL</b>		
2003-Jan-19	23:02	737	8.37	2.5	427.3	0	0	0			
2003-Jan-19	23:03	1172	8.37	0.0	427.5	0	0	0			
2003-Jan-19	23:03	522	8.37	0.0	427.5	0	0	0			
2003-Jan-19	23:04	18	8.37	0.0	427.5	0	0	0			
2003-Jan-19	23:04	27	8.37	0.0	427.5	0	0	0			
2003-Jan-19	23:04								Bump Top Plug		
2003-Jan-19	23:04	27	8.37	0.0	427.5	0	0	0			
2003-Jan-19	23:04								End Displacement		
2003-Jan-19	23:04	32	8.37	0.0	427.5	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			6.5	295		10					
Treating Pressure Summary, psi						Breakdown Fluid					
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density					
			1200			lb/gal					
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	78	bbl				
%	bbl	117.8	bbl	<input type="checkbox"/> Washed Thru Perfs	To	ft					
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> Circulation Lost			<input checked="" type="checkbox"/> Job Completed		
Wylie, Cal			Ahrends, Timothy								

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MAY 09 2003

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Schlumberger

Service Order

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2003-Jan-28

Customer OXY USA INC		Person Taking Call Bieren, Theresa		Dowell Location Perryton, TX		OrderDate 2003-Jan-28	Job Number 2205541743	
Well Name and Number LADNER G-2			Legal Location	Field		County Gray	State/Province KS	
Well Master: 0630472617			API / UWI:					
Rig Name		Well Age New	Sales Engineer Parra Bandala-Dolores, Maria			Job Type Cem Prod Casing		
Time Well Ready:	Deviation 0 °	Bit Size 7.63 in	Well MD 5,563 ft	Well TVD 5,563 ft	BHP 2000 psi	BHST 131 °F	BHCT 125 °F	
Treat Down Casing	Packer Type None	Packer Depth ft	WellHead Connection 5 1/2 HS&M	HHP on Location	Max Allowed Pressure 2000	Max Allowed AnnPressure		
<b>Casing</b>					<b>Services Instructions:</b>			
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	CEM PROD CASING W: 20 BBLs CW100 250 SKS 50:50 POZ + ADDS 25 SKS 50:50 POS + ADDS FOR MOUSE & RAT HOLE			
5563	5.5	26	K55	HYD				
<b>Tubing</b>					<b>Extra Equipment:</b>			
Depth,	Size, in	Weight, lb/ft	Grade	Thread	1 PUMP 1 ABT 1 CEMCAT			
<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>				

RECEIVED  
MAY 12 2003  
KCC WICHITA

Contact	Voice	Mobile	FAX	Notes
CAL WILEY	620-629-5656	620-629-4227		

**Notes:**

FLOAT EQUIPMENT=1 CEMENT NOSE GUIDE SHOE—1 ORIFICE FILL COLLAR—30 SCRATCHERS—10 TURBOLIZERS—10 REG CENTRALIZERS—TOP & BOTTOM PLUG—1 STOP RING—2 THREAD LOCK—2 CEMENT BASKETS

**Directions:**

FROM SUBLETTE KS === 14 MILES NORTH TO THE HITCHLAND FEEDERS BLACKTIO ===== 12 MILES WEST TO COUNTY LINE  
=== 2 MILES NORTH === 2 MILES WEST === NORTH INTO LOCATION

**Other Notes:**

BE SAFE!!!

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**Comments:**

20 BBLS OF CW 100 ( IF NEEDED)  
PUMP NO SCAVENGER BUT PUMP 250 50/50 POZ CLASS H + ADDS  
RAT & MOUSE HOLE: 25 SKS OF 50:50 POZ +ADDS

KCC

MAY 09 2003

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**Fluid Systems:**

CW100			
20 BBLS CHEM WASH			
<i>Density:</i>	lb/gal	<i>Thickening Time:</i>	
<i>Yield:</i>	ft <sup>3</sup> /sk		
<i>H2O Mix:</i>	0 gal/sk		
<i>H2O:</i>	0 gal	<i>Eq. Sack Weight:</i>	0 lb
		<i>Total Blend:</i>	0 sacks
Dowell Code	Conc/ Amount	Total Quantity	
D122A	10 gal	10	
J237A	5 gal	5	

TAIL			
250 SKS 50:50 POZ H+ADDS			
<i>Density:</i>	13.8 lb/gal	<i>Thickening Time:</i>	
<i>Yield:</i>	1.55 ft <sup>3</sup> /sk		
<i>H2O Mix:</i>	7.1 gal/sk		
<i>H2O:</i>	1775 gal	<i>Eq. Sack Weight:</i>	86.5 lb
		<i>Total Blend:</i>	250 sacks
Dowell Code	Conc/ Amount	Total Quantity	
D046	0.173 lbs/sk	43.25	
CLASS H	47 lbs/sk	11750	
POZ	39.5 lbs/sk	9875	
D020	1.73 lbs/sk	432.5	
D042	5 lbs/sk	1250	
D053	5 lbs/sk	1250	
D059	0.2595 lbs/sk	64.875	
M117	1.77 lbs/sk	442.5	
D065	0.2595 lbs/sk	64.875	

RAT&MOUSE			
25 SKS OF 50:50 POZ H +ADDS RAT&MOUSE HOLE			
<i>Density:</i>	13.8 lb/gal	<i>Thickening Time:</i>	
<i>Yield:</i>	1.55 ft <sup>3</sup> /sk		
<i>H2O Mix:</i>	7.1 gal/sk		
<i>H2O:</i>	177.5 gal	<i>Eq. Sack Weight:</i>	86.5 lb
		<i>Total Blend:</i>	25 sacks
Dowell Code	Conc/ Amount	Total Quantity	
M117	1.77 lbs/sk	44.25	
D065	0.2595 lbs/sk	6.4875	
D059	0.2595 lbs/sk	6.4875	
D053	5 lbs/sk	125	
D042	5 lbs/sk	125	
D020	1.73 lbs/sk	43.25	
POZ	39.5 lbs/sk	987.5	
CLASS H	47 lbs/sk	1175	
D046	0.173 lbs/sk	4.325	

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Cementing Service Report

Customer OXY USA INC						Job Number 2205541743							
Well LADNER G-2			Location (Legal) KCC			Schlumberger Location Perryton, TX			Job Start 2003-Jan-28				
Field		Formation Name/Type MAY 09 2003		Deviation 0		Bit Size 7.63 in		Well MD 5,320 ft		Well TVD 5,320 ft			
County Grant		State/Province KS		BHP 2000 psi		BHST 131 °F		BHCT 125 °F		Pore Press. Gradient psi/ft			
Well Master: 0630472617		API / UWI:		Casing/Liner									
Rig Name		Drilled For Oil & Gas		Service Via Land		Depth, ft 5318	Size, in 5.5	Weight, lb/ft 15.5	Grade K55	Thread 8RD			
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 Prod Casing		Perforations/Open Hole									
Max. Allowed Tubing Pressure 2000 psi		Max. Allowed Ann. Pressure psi		Wellhead Connection 5 1/2 HS&M		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft			
Service Instructions CEM PROD CASING W: 20 BBLs CW100 250 SKS 50:50 POZ + ADDS 25 SKS 50:50 POS + ADDS FOR MOUSE & RAT HOLE						Diameter in	Treat Down Casing	Displacement 125.6 bbl	Packer Type None	Packer Depth ft			
						Tubing Vol. bbl	Casing Vol. 127 bbl	Annular Vol. bbl	Open Hole Vol. bbl				
Casing/Tubing Secured <input checked="" type="checkbox"/>						1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>			Casing Tools		Squeeze Job		
Lift Pressure: psi						Shoe Type: Guide			Squeeze Type				
Pipe Rotated <input type="checkbox"/>						Pipe Reciprocated <input checked="" type="checkbox"/>			Shoe Depth: ft			Tool Type:	
No. Centralizers: 20		Top Plugs: 1		Bottom Plugs: 1		Stage Tool Type:			Tool Depth: ft				
Cement Head Type: Single						Stage Tool Depth: ft			Tail Pipe Size: in				
Job Scheduled For:		Arrived on Location: 2003-Jan-28 21:00		Leave Location: 2003-Jan-28 23:59		Collar Type: Auto-Fill			Tail Pipe Depth: ft				
						Collar Depth: ft			Sqz Total Vol: bbl				
Date	Time	Treating Pressure 24 hr clock psi	CMT DENS lb/gal	Flow Rate bbl/min	Volume bbl	0	0	0	Message				
2003-Jan-28	22:17	60	8.96	0.6	0.0	0	0	0					
2003-Jan-28	22:17	60	8.96	1.3	0.0	0	0	0					
2003-Jan-28	22:17								Start Job				
2003-Jan-28	22:17	60	8.96	1.3	0.0	0	0	0					
2003-Jan-28	22:17								Pressure Test Lines				
2003-Jan-28	22:17	60	8.91	2.7	0.0	0	0	0					
2003-Jan-28	22:18	60	8.86	2.8	0.0	0	0	0					
2003-Jan-28	22:18	60	8.85	2.5	0.0	0	0	0					
2003-Jan-28	22:19	60	8.83	0.0	0.0	0	0	0					
2003-Jan-28	22:19	41	8.87	2.7	0.0	0	0	0					
2003-Jan-28	22:20	27	9.09	1.9	0.0	0	0	0					
2003-Jan-28	22:20	238	9.33	5.1	0.0	0	0	0					
2003-Jan-28	22:21	4930	8.89	1.5	0.0	0	0	0					
2003-Jan-28	22:21	4893	8.88	0.0	0.0	0	0	0					
2003-Jan-28	22:22	55	8.95	0.0	0.0	0	0	0					
2003-Jan-28	22:22								Reset Total, Vol = 0.01 bbl				
2003-Jan-28	22:22	55	8.94	0.0	0.0	0	0	0					
2003-Jan-28	22:22	50	8.93	0.0	0.0	0	0	0					
2003-Jan-28	22:22								Start Pumping Wash				
2003-Jan-28	22:22	46	8.90	0.0	0.0	0	0	0					
2003-Jan-28	22:23	37	9.01	0.0	0.0	0	0	0					
2003-Jan-28	22:23	55	8.68	0.0	0.0	0	0	0					

Well		Field			Service Date		Customer			Job Number
LADNER #G-2					0328-Jan-28		OXY USA INC			2205541743
Date	Time	Treating Pressure	CMT DENS	Flow Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbt/min	bbt	0	0	0		
2003-Jan-28	22:24	55	8.68	0.0	0.0	0	0	0	<b>KCC</b>	
2003-Jan-28	22:24	55	8.65	0.0	0.0	0	0	0		
2003-Jan-28	22:25	233	8.62	3.0	0.0	0	0	0		
2003-Jan-28	22:25	201	8.55	3.2	0.0	0	0	0	<b>MAY 09 2003</b>	
2003-Jan-28	22:26	174	8.53	3.2	0.4	0	0	0		
2003-Jan-28	22:26	169	8.43	3.2	2.0	0	0	0	<b>CONFIDENTIAL</b>	
2003-Jan-28	22:27	169	8.42	3.2	3.6	0	0	0		
2003-Jan-28	22:27	165	8.50	3.2	5.2	0	0	0		
2003-Jan-28	22:28	105	2.83	3.2	6.9	0	0	0		
2003-Jan-28	22:28	211	8.28	3.2	8.5	0	0	0		
2003-Jan-28	22:29	238	8.39	4.2	10.3	0	0	0		
2003-Jan-28	22:29	247	8.39	4.7	12.6	0	0	0		
2003-Jan-28	22:30	238	8.41	4.7	14.9	0	0	0		
2003-Jan-28	22:30	197	8.41	4.7	17.3	0	0	0		
2003-Jan-28	22:31	238	9.04	4.7	19.7	0	0	0		
2003-Jan-28	22:31	252	8.86	4.9	22.1	0	0	0		
2003-Jan-28	22:31								End Wash	
2003-Jan-28	22:31	256	9.02	4.9	23.0	0	0	0		
2003-Jan-28	22:31	256	9.12	4.9	23.1	0	0	0		
2003-Jan-28	22:31								Start Pumping Spacer	
2003-Jan-28	22:32	247	11.08	4.9	24.6	0	0	0		
2003-Jan-28	22:32	256	12.03	4.9	27.1	0	0	0		
2003-Jan-28	22:32	256	12.29	4.9	27.5	0	0	0		
2003-Jan-28	22:32								End Spacer	
2003-Jan-28	22:32	252	12.47	4.9	28.0	0	0	0		
2003-Jan-28	22:32								Start Cement Slurry	
2003-Jan-28	22:33	279	13.11	4.9	29.5	0	0	0		
2003-Jan-28	22:33	279	13.83	4.9	32.0	0	0	0		
2003-Jan-28	22:34	243	13.50	4.9	34.5	0	0	0		
2003-Jan-28	22:34	229	13.25	5.0	36.9	0	0	0		
2003-Jan-28	22:35	188	13.19	4.9	39.4	0	0	0		
2003-Jan-28	22:35	188	13.40	5.0	41.9	0	0	0		
2003-Jan-28	22:36	151	13.68	4.9	44.4	0	0	0		
2003-Jan-28	22:36	156	13.80	4.9	46.8	0	0	0		
2003-Jan-28	22:37	137	13.90	5.0	49.3	0	0	0		
2003-Jan-28	22:37	137	13.63	5.0	51.8	0	0	0		
2003-Jan-28	22:38	119	13.08	5.0	54.3	0	0	0		
2003-Jan-28	22:38	133	13.75	5.0	56.7	0	0	0		
2003-Jan-28	22:39	101	13.55	4.4	59.2	0	0	0		
2003-Jan-28	22:39	82	13.15	4.4	61.4	0	0	0		
2003-Jan-28	22:40	78	13.19	4.4	63.6	0	0	0		
2003-Jan-28	22:40	110	14.31	4.4	65.8	0	0	0		
2003-Jan-28	22:41	174	14.20	5.4	68.1	0	0	0		
2003-Jan-28	22:41	87	14.11	4.7	70.4	0	0	0		
2003-Jan-28	22:42	87	14.10	4.7	72.8	0	0	0		
2003-Jan-28	22:42	101	13.87	6.2	75.3	0	0	0		
2003-Jan-28	22:43	220	13.85	6.3	78.4	0	0	0		
2003-Jan-28	22:43	220	13.86	6.3	81.6	0	0	0		
2003-Jan-28	22:44	188	13.85	6.1	84.7	0	0	0		
2003-Jan-28	22:44	160	13.11	6.1	87.8	0	0	0		
2003-Jan-28	22:45	201	13.62	6.1	90.8	0	0	0		
2003-Jan-28	22:45	197	13.56	6.1	93.8	0	0	0		
2003-Jan-28	22:46	183	14.08	6.2	96.9	0	0	0		
2003-Jan-28	22:46	165	13.59	6.1	99.9	0	0	0		

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Well		Field				Service Date		Customer		Job Number	
LADNER #3-2						0328-Jan-28		OXY USA INC		2205541743	
Date	Time	Treating Pressure	CMT DENS	Flow Rate	Volume	0	0	0	Message		
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	KCC		
						0	0	0	MAY 09 2003		
2003-Jan-28	22:47	-5	10.01	0.0	101.8	0	0	0			
2003-Jan-28	22:47	-5	9.89	0.0	101.8	0	0	0			
2003-Jan-28	22:47								End Cement Slurry		
2003-Jan-28	22:47								Drop Top Plug		
2003-Jan-28	22:47	-5	9.64	0.0	101.8	0	0	0			
2003-Jan-28	22:47	-9	9.59	0.0	101.8	0	0	0			
2003-Jan-28	22:47								Start Displacement		
2003-Jan-28	23:00	101	8.40	6.0	103.7	0	0	0			
2003-Jan-28	23:00	96	8.40	6.0	106.7	0	0	0			
2003-Jan-28	23:01	96	8.40	6.0	109.7	0	0	0			
2003-Jan-28	23:01	101	8.40	6.1	112.7	0	0	0			
2003-Jan-28	23:02	101	8.40	6.1	115.8	0	0	0			
2003-Jan-28	23:02	101	8.40	6.1	118.8	0	0	0			
2003-Jan-28	23:03	101	8.40	6.1	121.9	0	0	0			
2003-Jan-28	23:03	55	8.40	3.0	123.8	0	0	0			
2003-Jan-28	23:04	50	8.40	0.0	124.8	0	0	0			
2003-Jan-28	23:04	50	8.40	0.0	124.8	0	0	0			
2003-Jan-28	23:05	50	8.40	0.0	124.8	0	0	0			
2003-Jan-28	23:05	50	8.40	0.0	124.8	0	0	0			
2003-Jan-28	23:06	50	8.40	0.0	124.8	0	0	0			
2003-Jan-28	23:06	50	8.40	4.3	125.6	0	0	0			
2003-Jan-28	23:07	92	8.40	5.8	128.4	0	0	0			
2003-Jan-28	23:07	92	8.40	5.9	131.3	0	0	0			
2003-Jan-28	23:08	96	8.40	5.9	134.3	0	0	0			
2003-Jan-28	23:08	92	8.40	5.9	137.2	0	0	0			
2003-Jan-28	23:09	87	8.40	5.9	140.2	0	0	0			
2003-Jan-28	23:09	92	8.40	5.9	143.2	0	0	0			
2003-Jan-28	23:10	96	8.40	6.0	146.1	0	0	0			
2003-Jan-28	23:10	96	8.40	6.0	149.1	0	0	0			
2003-Jan-28	23:11	92	8.40	6.0	152.1	0	0	0			
2003-Jan-28	23:11	92	8.40	6.0	155.1	0	0	0			
2003-Jan-28	23:12	96	8.40	6.0	158.1	0	0	0			
2003-Jan-28	23:12	92	8.40	6.0	161.1	0	0	0			
2003-Jan-28	23:13	96	8.40	6.0	164.1	0	0	0			
2003-Jan-28	23:13	96	8.40	6.0	167.1	0	0	0			
2003-Jan-28	23:14	179	8.40	6.1	170.1	0	0	0			
2003-Jan-28	23:14	233	8.40	6.1	173.1	0	0	0			
2003-Jan-28	23:15	288	8.40	6.1	176.2	0	0	0			
2003-Jan-28	23:15	325	8.40	6.1	179.3	0	0	0			
2003-Jan-28	23:16	389	8.40	6.1	182.3	0	0	0			
2003-Jan-28	23:16	458	8.40	6.1	185.4	0	0	0			
2003-Jan-28	23:17	517	8.40	6.1	188.4	0	0	0			
2003-Jan-28	23:17	563	8.40	6.1	191.5	0	0	0			
2003-Jan-28	23:18	618	8.40	6.0	194.5	0	0	0			
2003-Jan-28	23:18	659	8.40	5.8	197.4	0	0	0			
2003-Jan-28	23:19	700	8.40	5.6	200.3	0	0	0			
2003-Jan-28	23:19	609	8.40	3.0	202.5	0	0	0			
2003-Jan-28	23:20	636	8.40	2.9	203.9	0	0	0			
2003-Jan-28	23:20	623	8.40	1.9	205.0	0	0	0			
2003-Jan-28	23:21	636	8.40	1.9	205.9	0	0	0			
2003-Jan-28	23:21	655	8.40	1.9	206.9	0	0	0			
2003-Jan-28	23:22	664	8.40	1.9	207.8	0	0	0			
2003-Jan-28	23:22	1414	8.40	0.0	208.7	0	0	0			
2003-Jan-28	23:23	1520	1.30	0.0	208.7	0	0	0			

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Well		Field			Service Date		Customer		Job Number	
LADNER #G-2					0328-Jan-28		OXY USA INC		2205641743	
Date	Time	Treating Pressure	CMT DENS	Flow Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0		
2003-Jan-28	23:23	1447	1.01	0.0	208.7	0	0	0	<b>KCC</b>	
2003-Jan-28	23:24	-14	1.01	0.0	208.7	0	0	0		
2003-Jan-28	23:24	-5	1.01	0.0	208.7	0	0	0	<b>MAY 09 2003</b>	
2003-Jan-28	23:25	-9	1.01	0.0	208.7	0	0	0		
2003-Jan-28	23:25	-9	1.01	0.0	208.7	0	0	0	<b>CONFIDENTIAL</b>	
2003-Jan-28	23:26	-9	1.01	0.0	208.7	0	0	0		
2003-Jan-28	23:26	-5	1.01	0.0	208.7	0	0	0		
2003-Jan-28	23:27	-9	1.01	0.0	208.7	0	0	0		
2003-Jan-28	23:27	-9	1.01	0.0	208.7	0	0	0		
2003-Jan-28	23:28	-9	1.01	0.0	208.7	0	0	0		
2003-Jan-28	23:28	-9	1.01	0.0	208.7	0	0	0		
2003-Jan-28	23:29	-9	1.01	0.0	208.7	0	0	0		
2003-Jan-28	23:29								Bump Top Plug	
2003-Jan-28	23:29	-9	1.01	0.0	208.7	0	0	0		
2003-Jan-28	23:29								End Displacement	
2003-Jan-28	23:29	-9	1.01	0.0	208.7	0	0	0		
2003-Jan-28	23:29								End Job	
2003-Jan-28	23:29	-9	1.01	0.0	208.7	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				6	73		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 bbl <input type="checkbox"/> Washed Thru Perfs To ft			
%		69 bbl		125.6 bbl	°F					
Customer or Authorized Representative				Schlumberger Supervisor				<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed		
REP, COMPANY				Ahrends, Timothy						