

CONFIDENTIAL

RELEASED

JAN 04 2005

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

FROM CONFIDENTIAL

ORIGINAL

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: NCRA **KCC**
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200 **MAR 03 2003**
Contractor: Name: Murfin Drilling Company, Inc.
License: 30606 **CONFIDENTIAL**
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: **MAR 06 2003**
Operator: OXY USA, Inc. **KCC WICHITA**
Well Name: _____

API No. 15 - 067-21492-0000
County: Grant
SW - NW - SE - SE Sec. 11 Twp. 27 S. R. 35W
742 feet from (S) N (circle one) Line of Section
1131 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 #: 1
Field Name: Wildcat
Producing Formation: Morrow
Elevation: Ground: 3023 Kelly Bushing: 3034
Total Depth: 5580 Plug Back Total Depth: 5516
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.

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. _____
11/13/02 11/22/02 12/07/02
Spud Date or Date Reached TD Completion Date or Recompletion Date

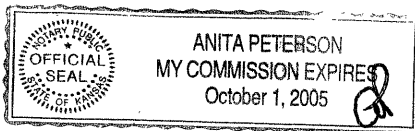
Drilling Fluid Management Plan See EU 3-28-03
(Data must be collected from the Reserve Pit)
Chloride content 1100 ppm Fluid volume 1550 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ 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 March 3, 2003
Subscribed and sworn to before me this 3rd day of March
20 03
Notary Public: Anita Peterson
Date Commission Expires: Oct. 1, 2005

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



Operator Name: OXY USA Inc. Lease Name: Ladner G Well #: 1
 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	3915 -881
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Toronto	3934 -900
List All E. Logs Run:	Induction Neutron	Lansing	3961 -927
Cement Bond	Digital Acoustilog	Marmaton	4576 -1542
Geological Report	Multipole Array Acoustilog	Cherokee	4718 -1684
		Atoka	4968 -1934
		Morrow	5035 -2001
		(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	785	35/65 POZ, 6% Gel, 2% Cal Chloride, .25 Flocele
Production	7 7/8	5 1/2	15.5	5580	C	200	50/50 POZ, 2% Gel, 5# Gilsonite 5# Kolite, .5% Flac

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	5094-5150 , 5094-5100, 5112-5130, 5142-5150	Acid - 96 bbls 15% FEMCA	

TUBING RECORD	Size 2 7/8	Set At 5199	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 12/10/02	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 50	Gas Mcf TSTM	Water Bbls 0	Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval

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

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Side Three

Operator Name: OXY USA Inc. Lease Name: Ladner G Well #: 1

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

Name	Top	Datum
Chester	5249	-2215
St. Geneieve	5368	-2334
St. Louis	5461	-2427

KCC

MAR 03 2003

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Cementing Service Report

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JAN 04 2005

Customer OXY USA, INC.	Job Number 2205440533
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Well LADNER G-1	Location (legal) 11-27S-35W	Ulysses, KS	Job Start 2002-Nov-15						
Field KCC	Formation Name/Type	Deviation	Bit Size in 1,895 ft						
County GRANT	State/Province KS	BHP psi	Well TVD 1,895 ft						
Well Master: 0630457598	API / OVI:	BHST °F	Pore Press. Gradient psi/ft						
Rig Name murphin	Drilled For Oil & Gas	Service Via	Casing/Liner						
Offshore Zone	Well Class New	Well Type Development	Depth, ft 1892						
Drilling Fluid Type Other	Max. Density 9.3 lb/gal	Plastic Viscosity 35 cp	Size, in 8.63						
Service Line Cementing	Job Type Cem Surface Casing		Weight, lb/ft 24						
Max. Allowed Tubing Pressure psi	Max. Allowed Ann. Pressure psi	Wellhead Connection RECEIVED	Grade K55						
Service Instructions Safely Cement Surface Casing per customers request			Thread 8RD						
			Tubing/Drill Pipe						
			Depth, ft						
			Size, in						
			Weight, lb/ft						
			Grade						
			Thread						
			Perforations/Open Hole						
			Top, ft						
			Bottom, ft						
			spf						
			No. of Shots						
			Total Interval ft						
			Diameter in						
			Treat Down Casing						
			Displacement 117.8 bbl						
			Packer Type						
			Packer Depth ft						
			Tubing Vol. bbl						
			Casing Vol. 120.1 bbl						
			Annular Vol. bbl						
			Open Hole Vol. bbl						
Casing/Tubing Secured <input checked="" type="checkbox"/>			Casing Tools						
Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>			Squeeze Job						
Lift Pressure: 777 psi			Shoe Type: Guide						
Pipe Rotated <input type="checkbox"/>			Shoe Depth: 1892 ft						
Pipe Reciprocated <input type="checkbox"/>			Squeeze Type						
No. Centralizers: 5			Tool Type:						
Top Plugs: 1			Tool Depth: ft						
Bottom Plugs:			Stage Tool Type:						
Cement Head Type: Single			Stage Tool Depth: ft						
Job Scheduled For:			Collar Type: Auto-Fill						
Arrived on Location: 2002-Nov-15 7:00			Collar Depth: 1849 ft						
Leave Location: 2002-Nov-15 11:00			Tail Pipe Size: in						
			Tail Pipe Depth: ft						
			Sqz Total Vol: bbl						
Date	Time	Treating Pressure psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	0	0	0	Message
2002-Nov-15	9:27	-5	0.0	8.32	0.0	0	0	0	
2002-Nov-15	9:27								Reset Total, Vol = 0.00 bbl
2002-Nov-15	9:27	0	0.0	8.32	0.0	0	0	0	
2002-Nov-15	9:27								Pressure Test Lines
2002-Nov-15	9:27	0	0.0	8.32	0.0	0	0	0	
2002-Nov-15	9:28	9	0.6	8.35	0.0	0	0	0	
2002-Nov-15	9:29	1392	0.0	8.33	0.3	0	0	0	
2002-Nov-15	9:29								Bleed Off Pressure
2002-Nov-15	9:29								Reset Total, Vol = 0.31 bbl
2002-Nov-15	9:29	1337	0.0	8.33	0.3	0	0	0	
2002-Nov-15	9:29	1291	0.0	8.33	0.0	0	0	0	
2002-Nov-15	9:29	1277	0.0	8.33	0.0	0	0	0	
2002-Nov-15	9:29								Start Pumping Water
2002-Nov-15	9:30	0	0.0	8.32	0.0	0	0	0	
2002-Nov-15	9:31	211	8.0	8.32	1.7	0	0	0	
2002-Nov-15	9:31	119	5.8	8.31	6.8	0	0	0	
2002-Nov-15	9:32								End Water
2002-Nov-15	9:32	87	5.4	8.31	9.5	0	0	0	
2002-Nov-15	9:32	124	5.4	8.33	10.4	0	0	0	
2002-Nov-15	9:32								Start Mixing Lead Slurry
2002-Nov-15	9:32	114	5.4	8.42	10.5	0	0	0	
2002-Nov-15	9:32								Reset Total, Vol = 10.54 bbl

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Well		Field			Service Date		Customer		Job Number
LADNER #G-1					02319-Nov-15		OXY USA, INC.		2205440533
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2002-Nov-15	9:32	96	5.4	8.97	0.2	0	0	0	Reset Total, Vol = 0.18 bbl
2002-Nov-15	9:32								
2002-Nov-15	9:32	105	5.4	10.37	0.8	0	0	0	
2002-Nov-15	9:33	220	5.8	12.68	5.4	0	0	0	KCC
2002-Nov-15	9:34	201	6.8	12.56	11.0	0	0	0	MAR 03 2003
2002-Nov-15	9:35	183	6.9	12.24	16.7	0	0	0	
2002-Nov-15	9:36	183	7.0	12.14	22.5	0	0	0	CONFIDENTIAL
2002-Nov-15	9:36	192	7.0	12.69	28.3	0	0	0	
2002-Nov-15	9:37	174	7.2	12.38	34.2	0	0	0	
2002-Nov-15	9:38	201	7.2	12.27	40.2	0	0	0	RELEASED
2002-Nov-15	9:39	201	7.3	12.33	46.3	0	0	0	
2002-Nov-15	9:40	211	7.3	12.36	52.3	0	0	0	JAN 04 2005
2002-Nov-15	9:41	206	7.4	12.31	58.5	0	0	0	
2002-Nov-15	9:41	211	7.4	12.25	64.6	0	0	0	FROM CONFIDENTIAL
2002-Nov-15	9:42	220	7.5	12.56	70.8	0	0	0	
2002-Nov-15	9:43	206	7.5	12.24	77.1	0	0	0	
2002-Nov-15	9:44	206	7.6	12.02	83.4	0	0	0	
2002-Nov-15	9:45	215	7.6	12.25	89.8	0	0	0	
2002-Nov-15	9:46	215	7.6	12.19	96.1	0	0	0	
2002-Nov-15	9:47	224	7.6	12.51	102.5	0	0	0	
2002-Nov-15	9:47	220	7.6	12.33	108.8	0	0	0	
2002-Nov-15	9:48	220	7.6	12.45	115.2	0	0	0	
2002-Nov-15	9:49	224	7.6	12.46	121.5	0	0	0	
2002-Nov-15	9:50	224	7.6	12.46	127.9	0	0	0	
2002-Nov-15	9:51	224	7.6	12.52	134.2	0	0	0	
2002-Nov-15	9:52	247	7.7	13.10	140.6	0	0	0	
2002-Nov-15	9:52	243	7.7	12.95	147.0	0	0	0	
2002-Nov-15	9:53	233	7.7	12.65	153.4	0	0	0	
2002-Nov-15	9:54	229	7.7	12.71	159.8	0	0	0	
2002-Nov-15	9:55	238	7.7	12.95	166.2	0	0	0	
2002-Nov-15	9:56	224	7.7	12.47	172.6	0	0	0	
2002-Nov-15	9:57	233	7.7	12.78	179.2	0	0	0	
2002-Nov-15	9:57	243	7.7	12.90	185.6	0	0	0	
2002-Nov-15	9:58	229	7.7	12.67	192.0	0	0	0	
2002-Nov-15	9:59	247	7.7	13.06	198.5	0	0	0	
2002-Nov-15	10:00	233	7.7	12.72	204.9	0	0	0	
2002-Nov-15	10:01	233	7.8	12.75	211.4	0	0	0	
2002-Nov-15	10:02	238	7.8	12.90	217.8	0	0	0	
2002-Nov-15	10:02	238	7.7	12.75	224.3	0	0	0	
2002-Nov-15	10:03	238	7.7	12.66	230.7	0	0	0	
2002-Nov-15	10:04	298	7.7	14.51	237.2	0	0	0	
2002-Nov-15	10:05	320	7.7	14.85	243.6	0	0	0	
2002-Nov-15	10:06	320	7.8	14.91	250.1	0	0	0	
2002-Nov-15	10:07	330	7.7	15.01	256.6	0	0	0	
2002-Nov-15	10:07	334	7.8	15.04	263.1	0	0	0	
2002-Nov-15	10:08	325	7.8	14.95	269.7	0	0	0	
2002-Nov-15	10:09	5	0.0	14.78	271.3	0	0	0	
2002-Nov-15	10:10	5	0.0	14.78	271.3	0	0	0	
2002-Nov-15	10:11								End Lead Slurry
2002-Nov-15	10:11	0	0.0	14.78	271.3	0	0	0	
2002-Nov-15	10:11	5	0.0	14.78	271.3	0	0	0	
2002-Nov-15	10:11								Drop Top Plug
2002-Nov-15	10:11	5	0.0	14.78	271.3	0	0	0	
2002-Nov-15	10:11								Start Displacement

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Well		Field			Service Date		Customer		Job Number
LADNER #G-1					02319-Nov-15		OXY USA, INC.		2205440533
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bbf/min	lb/gal	bbf	0	0	0	
2002-Nov-15	10:11	5	0.0	14.78	271.3	0	0	0	
2002-Nov-15	10:11								Reset Total, Vol = 271.15 bbl
2002-Nov-15	10:11	5	0.0	14.78	0.0	0	0	0	
2002-Nov-15	10:12	0	0.0	14.75	0.0	0	0	0	
2002-Nov-15	10:12	-5	0.0	13.98	0.0	0	0	0	KCC
2002-Nov-15	10:13	105	5.8	9.77	1.4	0	0	0	
2002-Nov-15	10:14	69	5.7	8.45	6.2	0	0	0	MAR 03 2003
2002-Nov-15	10:15	73	5.7	8.60	11.0	0	0	0	
2002-Nov-15	10:16	55	5.7	8.41	15.7	0	0	0	CONFIDENTIAL
2002-Nov-15	10:17	78	5.7	8.36	20.5	0	0	0	
2002-Nov-15	10:17	60	5.7	8.35	25.3	0	0	0	
2002-Nov-15	10:18	105	5.7	8.31	30.0	0	0	0	RELEASED
2002-Nov-15	10:19	128	5.7	8.32	34.8	0	0	0	
2002-Nov-15	10:20	142	5.7	8.31	39.7	0	0	0	JAN 04 2005
2002-Nov-15	10:21	156	5.7	8.31	44.4	0	0	0	
2002-Nov-15	10:22	174	5.7	8.31	49.2	0	0	0	
2002-Nov-15	10:22	188	5.7	8.31	54.0	0	0	0	FROM CONFIDENTIAL
2002-Nov-15	10:23	211	5.7	8.31	58.7	0	0	0	
2002-Nov-15	10:24	229	5.7	8.31	63.5	0	0	0	
2002-Nov-15	10:25	247	5.8	8.31	68.3	0	0	0	
2002-Nov-15	10:26	279	5.7	8.32	73.1	0	0	0	
2002-Nov-15	10:27	293	5.8	8.31	77.9	0	0	0	
2002-Nov-15	10:27	330	5.8	8.31	82.7	0	0	0	
2002-Nov-15	10:28	352	5.8	8.31	87.5	0	0	0	
2002-Nov-15	10:29	389	5.8	8.31	92.4	0	0	0	
2002-Nov-15	10:30	430	5.8	8.31	97.2	0	0	0	
2002-Nov-15	10:31	458	5.9	8.31	102.2	0	0	0	
2002-Nov-15	10:32	490	5.9	8.31	107.1	0	0	0	
2002-Nov-15	10:32	453	2.8	8.31	111.3	0	0	0	
2002-Nov-15	10:33	462	2.8	8.31	113.6	0	0	0	
2002-Nov-15	10:34	1433	2.5	8.31	115.9	0	0	0	
2002-Nov-15	10:35	1483	0.0	8.31	115.9	0	0	0	
2002-Nov-15	10:35								Bump Top Plug
2002-Nov-15	10:36	0	0.0	8.31	115.9	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	
6.3				7.9	280	0	0		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume		Density		
560	670	300	1490				lb/gal		
Avg. N2 Percent		Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?		Volume	
%		282 bbl		117.8 bbl	66 °F	<input checked="" type="checkbox"/>		60 bbl	
Customer or Authorized Representative				Schlumberger Supervisor		Washed Thru Perfs To		ft	
FILLPOT, GREGG				Strano, Douglas		<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed	

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ORIGINAL

Date	NOV 15-02
Company	OXY
Job Number	2205440533
Well Name	LADNER G-1
Well Number	G -1
County	GRANT
State	KANSAS

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Pipe Size	8 5/8
Pipe Weight	24
Pipe Depth	1892.76
Shoe Length	43.3
Insert Depth	1849.46
Hole Size	12 1/4
Hole Depth	1895

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Pipe Volume	121
Annular Volume	106
Total Cement	282
Total Water	247

226

1st System	
635 sacks	35/65 POZ/C+6%D20
2.18 yield	2% S1+.25PPS D29
12.2 weight	
11.8 water	178
cubic ft.	1384
height	5445
bbls	247

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Pipe Factor	0.0637
Annular Factor	0.0558
Height Factor	3.9331

Casing lift	777
Cement lift	473

2nd System	
150 sacks	C 2%+ S1+ 1/4LB/SK D29
1.34 yield	
14.8 weight	
6.33 water	23
cubic ft.	201
height	791
bbls	35.8

Schlumberger

Test 1500

Mud

10 Spacer

247 Lead 12.2

36 Tail 14.8

117.8 Displacement

750 Maximum Pressure

Pump time @ 6 BPM 67 MIN

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

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

Cementing Service Report

JAN 04 2005

Well		Location (legal)		Schlumberger Location		Job Start			
LADNER G-1		11-27S-35W		Ulysses, KS		2002-Nov-23			
Field		Formation Name/Type		Deviation		Well MD			
GRANT		KCC		0 °		5,600 ft			
County		State/Province		BHP		Pore Press. Gradient			
GRANT		KS		psi		psi/ft			
Well Master:		APM/UWI:		Casing/Liner					
0630457598									
Rig Name		Drilled For		Service Via		Depth, ft			
Murphin		Oil & Gas				Size, in			
Offshore Zone		Well Class		Well Type		Weight, lb/ft			
		New		Development		Grade			
Drilling Fluid Type		Max. Density		Plastic Vt: cp		Thread			
None		9 lb/gal		21		0			
Service Line		Job Type		Perforations/Open Hole					
Cementing		Cem Prod Casing							
Max. Allowed Tubing Pressure		Max. Allowed Ann. Pressure		WellHead Connection		Top, ft			
psi		psi		RECEIVED		Bottom, ft			
Service Instructions		Safely cement production casing as per customer's request				spf			
						No. of Shots			
						Total Interval			
						ft			
						Diameter			
						in			
						Packer Depth			
						ft			
						OpenHole Vol			
						bbl			
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Casing Tools		Squeeze Job			
Lift Pressure: psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Guide			
						Squeeze Type			
No. Centralizers: Top Plugs: 1		Bottom Plugs: 1		Shoe Depth: ft		Tool Type:			
Cement Head Type: Single		Leave Location: 2002-Nov-23 12:00		Stage Tool Type: ft		Tool Depth: 0 ft			
Job Scheduled For: 2002-Nov-23 9:00				Stage Tool Depth: ft		Tail Pipe Size: 0 in			
				Collar Type: None		Tail Pipe Depth: 0 ft			
				Collar Depth: ft		Sqz Total Vol: 0 bbl			
Date	Time	Treating Pressure	CMT RATE	CMT VOL	CMT AN PRES	NRD RATE	0	0	Message
2002-Nov-23	10:22	-5	0.0	0.0	-3750	2.9	0	0	
2002-Nov-23	10:22								Reset Total, Vol = 0.00 bbl
2002-Nov-23	10:22	-5	0.0	0.0	-3750	2.9	0	0	
2002-Nov-23	10:22								Reset Total, Vol = 0.00 bbl
2002-Nov-23	10:22	-10	0.0	0.0	-3750	0.8	0	0	
2002-Nov-23	10:23	36	0.0	0.0	-3750	1.7	0	0	
2002-Nov-23	10:23								Start Job
2002-Nov-23	10:23	223	3.1	0.3	-3750	1.7	0	0	
2002-Nov-23	10:23								Start Mixing Scav Slurry
2002-Nov-23	10:24	200	5.0	5.0	-3750	5.5	0	0	
2002-Nov-23	10:24								Reset Total, Vol = 5.04 bbl
2002-Nov-23	10:25	-5	0.0	2.7	-3745	3.0	0	0	
2002-Nov-23	10:28	237	5.1	10.5	-3750	5.3	0	0	
2002-Nov-23	10:29								Reset Total, Vol = 13.93 bbl
2002-Nov-23	10:29	214	5.1	13.9	-3750	5.4	0	0	
2002-Nov-23	10:29	187	5.1	0.3	-3750	5.4	0	0	
2002-Nov-23	10:29								Start Mixing Tail Slurry
2002-Nov-23	10:32	164	5.3	14.2	-3750	5.1	0	0	
2002-Nov-23	10:35	173	5.4	32.0	-3750	5.1	0	0	
2002-Nov-23	10:38	159	5.4	50.0	-3745	5.1	0	0	
2002-Nov-23	10:39								Reset Total, Vol = 51.03 bbl
2002-Nov-23	10:39	-5	0.0	51.0	-3745	0.1	0	0	

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Well		Field		Service Date		Customer		Job Number	
LADNER #G-1				02327-Nov-23		OXY USA, INC.		2205440562	
Date	Time	Treating Pressure	CMT RATE	CMT VOL	CMT AN PRES	NRD RATE	0	0	Message
	24 hr clock	psi	bbbl/min	bbbl	psi	bbbl/min	0	0	
2002-Nov-23	10:47								Drop Top Plug
2002-Nov-23	10:47	-5	0.0	0.0	-3745	0.0	0	0	
2002-Nov-23	10:47	-5	0.0	0.0	-3750	0.0	0	0	
2002-Nov-23	10:47								Start Displacement
2002-Nov-23	10:48								Reset Total, Vol = 0.00 bbl
2002-Nov-23	10:48	54	0.0	0.0	-3750	1.0	0	0	
2002-Nov-23	10:50	63	4.9	11.5	-3750	5.2	0	0	
2002-Nov-23	10:54	54	5.0	27.9	-3750	5.3	0	0	
2002-Nov-23	10:57	59	5.0	44.5	-3745	5.3	0	0	
2002-Nov-23	10:59								making turn
2002-Nov-23	10:59	27	2.4	55.6	-3745	4.3	0	0	
2002-Nov-23	11:00	13	2.1	57.9	-3745	3.3	0	0	
2002-Nov-23	11:04	49	3.1	65.3	-3745	5.1	0	0	
2002-Nov-23	11:07	287	3.0	75.5	-3750	3.1	0	0	
2002-Nov-23	11:10	603	4.7	89.5	-3750	4.8	0	0	
2002-Nov-23	11:14	846	4.8	105.3	-3750	4.9	0	0	
2002-Nov-23	11:17	837	2.6	116.4	-3750	2.7	0	0	
2002-Nov-23	11:20	1372	0.0	122.7	-3750	0.0	0	0	
2002-Nov-23	11:24	1487	0.0	125.7	-3745	0.0	0	0	
2002-Nov-23	11:26	-5	0.0	125.7	-3750	0.0	0	0	
2002-Nov-23	11:26								Bump Top Plug
2002-Nov-23	11:26								End Displacement
2002-Nov-23	11:26	-5	0.0	125.7	-3745	0.0	0	0	

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Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
4.5			5	65		5	0		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
1500		0			bbbl	lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp		<input type="checkbox"/> Cement Circulated to Surface?	Volume	0	bbbl	
%	68 bbl	128 bbl	55 °F		<input type="checkbox"/> Washed Thru Perfs	To	ft		
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> CirculationLost		<input type="checkbox"/> Job Completed	
Gregg, Fillpot,			Camargo, Jose						

RELEASED

JAN 04 2005

FROM CONFIDENTIAL

Customer OXY USA, INC.		Person Taking Call Roach, Daniel		Dowell Location Ulysses, KS		Order Date 2002-Nov-23		Job Number 2205440562	
Well Name and Number LADNER G-1		Legal Location 11-27S-35W		Field		County GRANT		State/Province KS	
Well Master: 0630457598		API / UWI:							
Rig Name Murphin		Well Age New		Sales Engineer Cambern, Charles			Job Type Cem Prod Casing		
Time Well Ready:		Deviation 0 °		Bit Size in	Well MD 5,600 ft	Well TVD 5,600 ft	BHP psi	BHST °F	BHCT °F
Treat Down Casing	Packer Type	Packer Depth ft	WellHead Connection		HHP on Location 0	Max Allowed Pressure		Max Allowed Ann Pressure	
Casing					Services Instructions:				
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	Safely cement production casing as per customer's request				
					<p style="text-align: center;">KCC MAR 03 2003</p> <p style="text-align: center;">CONFIDENTIAL</p> <p style="text-align: center;">RELEASED</p> <p style="text-align: center;">JAN 04 2005</p>				
Tubing					Extra Equipment:				
Depth,	Size, in	Weight, lb/ft	Grade	Thread	1 - 5 1/2" Guide Shoe, Cement Type				
0	0	0			1 - 5 1/2" Orifice fill insert, Flapper type				
0	0	0			1 - 5 1/2" Regular Centralizers				
					1 - 5 1/2" Centralizers, Deflector Type				
					1 - 5 1/2" Hinge Type Stop Ring				
					1 - 5 1/2" Top (Plastic) Plug				
					1 - 5 1/2" Bottom Plug				
Perforated Intervals					Expected On Location:				
Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft	Ready To Pump:				
0									
		0		Diameter in					

Contact	Voice	Mobile	FAX	Notes
Fillpot, Gregg		620-353-8669		

Notes:

1 - 5 1/2 Cement Head, Swedge and Manifold
~~2~~ - 5 1/2" Scratchers (wire)
 1 - 5 1/2" Stage Tool - Just in case they want to run a 2 Stage.
 30 Sks lead @ 10 ppg - 180 Sks tail @ 13.8 ppg - 15 rat @ 13.8 ppg - 10 mouse @ 13.8 ppg

Directions:

Uks North to 7 mile rd, east to county line, 1.5 north and west into

Other Notes:

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Comments:
covering zones of interest plus 500' above.

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Fluid Systems:

CW100			
.5 GALS D 122A + .25 GALS J237 + 41.25 GALS H2O PER BBL			
Density:	lb/gal	Thickening Time:	
Yield:	ft ³ /sk		
H2O Mix:	0 gal/sk		
H2O:	420 gal	Eq. Sack Weight:	0 lb
		Total Blend:	0 sacks
Dowell Code	Conc/ Amount	Total Quantity	
D122A	5 gal	5	
J237A	5 gal	5	

tail			
170 sks 50/50 Poz+2 % BWOB D020+5 lbs/sk D053+5 lbs/skD042+3 % M117BWOW+.5%D060			
Density:	13.8 lb/gal	Thickening Time:	
Yield:	1.55 ft ³ /sk		
H2O Mix:	7.1 gal/sk		
H2O:	1207 gal	Eq. Sack Weight:	86.5 lb
		Total Blend:	170 sacks
Dowell Code	Conc/ Amount	Total Quantity	
D053	5 lbs/sk	850	
D042	5 lbs/sk	850	
D060	0.5 % BWOB	73.525	
M117	3 % BWOW	301.9914	
D020	2 % BWOB	294.1	
D132	39.5 lbs/sk	6715	
D909	47 lbs/sk	7990	

Lead			
30 Sks Class H + 3% D079 + 0.2% D046			
Density:	10 lb/gal	Thickening Time:	
Yield:	5.26 ft ³ /sk		
H2O Mix:	35.99 gal/sk		
H2O:	2879.2 gal	Eq. Sack Weight:	94 lb
		Total Blend:	30 sacks
Dowell Code	Conc/ Amount	Total Quantity	
D079	3 % BWOB	225.6	
D046	0.2 % BWOB	15.04	
D909	94 lbs/sk	7520	

rat&mouse			
25 Sks Class H + 3% D079 + 0.2% D046			
Density:	12.5 lb/gal	Thickening Time:	
Yield:	2.11 ft ³ /sk		
H2O Mix:	12.082 gal/sk		
H2O:	302.05 gal	Eq. Sack Weight:	94 lb
		Total Blend:	25 sacks
Dowell Code	Conc/ Amount	Total Quantity	
D046	0.2 % BWOB	4.7	
D909	94 lbs/sk	2350	
D079	3 % BWOB	70.5	

Comments:

covering zones of interest plus 500' above.

Fluid Systems:

CW100			
.5 GALS D 122A + .25 GALS J237 + 41.25 GALS H2O PER BBL			
<i>Density:</i>	lb/gal	<i>Thickening Time:</i>	
<i>Yield:</i>	ft ³ /sk		
<i>H2O Mix:</i>	0 gal/sk		
<i>H2O:</i>	420 gal	<i>Eq. Sack Weight:</i>	0 lb
		<i>Total Blend:</i>	0 sacks
Dowell Code	Conc/ Amount	Total Quantity	
D122A	5 gal	5	
J237A	5 gal	5	

Lead			
30 Sks Class H + 3% D079 + 0.2% D046			
<i>Density:</i>	10 lb/gal	<i>Thickening Time:</i>	
<i>Yield:</i>	5.26 ft ³ /sk		
<i>H2O Mix:</i>	35.99 gal/sk		
<i>H2O:</i>	2879.2 gal	<i>Eq. Sack Weight:</i>	94 lb
		<i>Total Blend:</i>	30 sacks
Dowell Code	Conc/ Amount	Total Quantity	
D079	3 % BWOB	225.6	
D046	0.2 % BWOB	15.04	
D909	94 lbs/sk	7520	

rat&mouse			
25 Sks Class H + 3% D079 + 0.2% D046			
<i>Density:</i>	12.5 lb/gal	<i>Thickening Time:</i>	
<i>Yield:</i>	2.11 ft ³ /sk		
<i>H2O Mix:</i>	12.082 gal/sk		
<i>H2O:</i>	302.05 gal	<i>Eq. Sack Weight:</i>	94 lb
		<i>Total Blend:</i>	25 sacks
Dowell Code	Conc/ Amount	Total Quantity	
D046	0.2 % BWOB	4.7	
D909	94 lbs/sk	2350	
D079	3 % BWOB	70.5	

tail			
170 sks 50/50 Poz+2 % BWOB D020+5 lbs/sk D053+5 lbs/skD042+3 % M117BWOW+.5%D060			
<i>Density:</i>	13.8 lb/gal	<i>Thickening Time:</i>	
<i>Yield:</i>	1.55 ft ³ /sk		
<i>H2O Mix:</i>	7.1 gal/sk		
<i>H2O:</i>	1207 gal	<i>Eq. Sack Weight:</i>	86.5 lb
		<i>Total Blend:</i>	170 sacks
Dowell Code	Conc/ Amount	Total Quantity	
D053	5 lbs/sk	850	
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D060	0.5 % BWOB	73.525	
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