

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

September 1999

**CONFIDENTIAL**

**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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JAN 28 2003

KCC

Form Must Be Typed

**COPY**

Operator: License # 5447  
Name: OXY USA Inc.  
Address: P.O. Box 2528  
City/State/Zip: Liberal, KS 67905  
Purchaser: NCRA  
Operator Contact Person: Vicki Carder  
Phone: (620) 629-4200  
Contractor: Name: Murfin Drilling Company  
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: FROM CONFIDENTIAL

Original Comp. Date: 10/05/02 Original Total Depth: 10/15/02  
10/28/02  
☐ Deepening ☐ Re-perf. ☐ Conv. To Enhr./SWD  
☐ Plug Back ☐ Plug Back Total Depth  
☐ Commingled ☐ Docket No. 10/28/02  
☐ Dual Completion ☐ Docket No. 10/15/02  
☐ Other (SWD or Enhr.?) ☐ Docket No. 10/05/02

Spud Date or 10/05/02 Date Reached TD 10/15/02 Completion Date or 10/28/02  
Recompletion Date

API No. 15 - 067-21495-0000  
County: Grant  
- SE - SE - NW Sec 13 Twp. 27 S. R. 35W  
2261 feet from S (N) (circle one) Line of Section  
2362 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 F Well #: 2

Field Name: Un-Named

Producing Formation: Morrow

Elevation: Ground 2994 ~~2000~~ Kelly Bushing: 3000 ~~3000~~

Total Depth: 5560 Plug Back Total Depth: 5478

Amount of Surface Pipe Set and Cemented at 1784 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

(Data must be collected from the Reserve Pit)

Chloride content 2400 ppm Fluid volume 1600 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.:

AK1 Ea 4.1.03

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 Projects Date January 28, 2003

Subscribed and sworn to before me this 28 day of Jan.

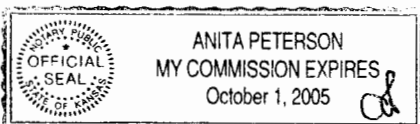
2003

Notary Public: Anita Peterson

Date Commission Expires: Oct. 1, 2005

KCC Office Use Only

YES Letter of Confidentiality Attached  
If Denied, Yes ☐ Date:   
YES Wireline Log Received  
YES Geologist Report Received  
 UIC Distribution



## Side Two

Operator Name: OXY USA Inc. Lease Name: Ladner F Well #: 1 2  
 Sec. 13 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 (Attach Additional Sheets)	<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	3920	-913
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Toronto	3938	-931
List All E. Logs Run:	Neutron Induction	Lansing	3963	-956
Cement Bond Log	Caliper Log Geological Report	Marmaton	4577	-1570
		Cherokee	4726	-1719
		Atoka	4968	-1961
		Morrow	5032	-2025

(See Side Three)

CASING RECORD ☒ New ☐ 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	1784	C	700	35/65 POZ/C, 6% Gel, 2% Calcium Chloride, 25 PPS Flocele
Production	7 7/8	5 1/2	15.5	5521	C	210	50/50 POZ, 2% Gel, 5# Gypsum, 5# Kolite, 3% KCL, .5% Flac

## ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ 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	5105-5126, 5072-5076	Acidize-3500 Gals 15% HCL	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8	5188		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr. 10/30/02	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 366	Gas Mcf 35	Water Bbls 0	Gas-Oil Ratio 96

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☒ Used on Lease  
(If vented, Submit ACO-18)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled  
☐ Other (Specify) \_\_\_\_\_

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COPY

Side Three

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

Sec. 13 Twp. 27 S. R. 35W ☐ East ☐ West County: Grant

Name	Top	Datum
Chester	5244	-2237
St. Genieve	5355	-2348
St. Louis	5453	-2446

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JAN 29 2003

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MAR 15 2004

FROM CONFIDENTIAL