

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

September 1999

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WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

COPY

Operator: License # 5447 Release 15 - 067-21511-0000  
Name: OXY USA Inc. County: Grant  
Address: P.O. Box 2528 - SW - SW - SW Sec 12 Twp. 27 S. R. 35W  
City/State/Zip: Liberal, KS 67905 From 348 feet from (S) N (circle one) Line of Section  
Purchaser: Pending Confidential 354 feet from E (V) W (circle one) Line of Section  
Operator Contact Person: Vicki Carder KCC  
Phone: (620) 629-4200  
Contractor: Name: Murfin Drilling Company, Inc. APR 03 2003  
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, Exp. Casing, etc.)  
If Workover/Re-entry: Old Well Info as follows:  
Operator: OXY USA, Inc. APR 04 2003  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: WICHITA, KS  
☐ 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. \_\_\_\_\_  
12/05/02 12/17/02 01/09/03  
Spud Date or Date Reached TD Completion Date or Recompletion Date

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: Ladner C Well #: 4  
Field Name: Un-named  
Producing Formation: Lansing, Morrow  
Elevation: Ground: 3022 Kelly Bushing: 3033  
Total Depth: 5580 Plug Back Total Depth: 5480  
Amount of Surface Pipe Set and Cemented at 1888 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 AKI 4.8.03  
(Data must be collected from the Reserve Pit)  
Chloride content 2500 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.: \_\_\_\_\_

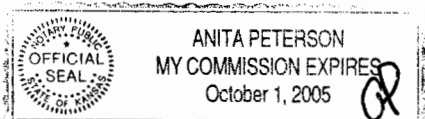
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 6702, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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 April 3, 2003  
Subscribed and sworn to before me this 3rd day of April  
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 C Well #: 4Sec. 12 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 ☒ Yes ☐ No  
(Attach Additional Sheets)Samples Sent to Geological Survey ☒ Yes ☐ NoCores Taken ☒ Yes ☐ NoElectric Log Run ☒ Yes ☐ No  
(Submit Copy)List All E. Logs Run: Neutron Cement Bond  
Induction Geological Report☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Heebner	3912	-879
Toronto	3927	-894
Lansing	3957	-924
Marmaton	4574	-1541
Cherokee	4714	-1681
Atoka	4963	-1930
Morrow	5029	-1996

(See Third Side)

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	1888	C	785	A-Serv Lite, 2% CC, 1/4# Cellflake
Production	7 7/8	5 1/2	15.5	5569	H	315	5# Coalite, 5# Calseal, 50/50 POZ

## 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	5136-39, 5110-20, 5090-5100	Acidize - 3000 gals 15% FE-MCA	
6	4242-46	Acidize - 1000 gals 15% FE-MCA	
TUBING RECORD		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Size	Set At	Packer At	
2 7/8	5174		
Date of First, Resumed Production, SWD or Enhr. 01/14/03		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil BBLS	Gas Mcf	Water Bbls Gas-Oil Ratio Gravity
	403	0	31

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☒ Used on Lease  
(If vented, Submit ACO-18)☐ Open Hole ☐ Perf. ☐ Dually Comp. ☒ Commingled Lansing/Morrow☐ Other (Specify) \_\_\_\_\_

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Side Two

COPY

Operator Name: OXY USA Inc. Lease Name: Ladner C Well #: 4

Sec. 12 Twp. 27S. R. 35W ☐ East ☐ West

County: Grant

Name

Top

Datum

Chester

5241

-2208

St. Genieve

5371

-2338

St. Louis

5450

-2417

KCC

APR 03 2003

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RECEIVED  
KANSAS CORPORATION COMMISSION

APR 04 2003

CONSERVATION DIVISION  
WICHITA, KS

Release  
MAY 13 2004  
From  
Confidential