

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

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: _____

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. _____
04/10/02 04/19/02 04/30/02
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 081-21442-0000
County: Haskell
C - E/2 - E/2 - W/2 Sec 31 Twp. 27 S. R. 33W
2584 feet from (S) N (circle one) Line of Section
1603 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Lyman A Well #: 1
Field Name: Un-Named
Producing Formation: Chester
Elevation: Ground: 3013 Kelly Bushing: 3024
Total Depth: 5555 Plug Back Total Depth: 5507
Amount of Surface Pipe Set and Cemented at 1762 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

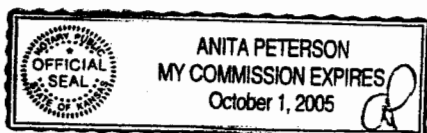
(Data must be collected from the Reserve Pit)

Chloride content 2500 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 July 18, 2002
Subscribed and sworn to before me this 18th day of July
20 02
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

Operator Name: OXY USA Inc. Lease Name: Lyman A Well #: 1Sec. 31 Twp. 27 S. R. 33W ☐ East ☐ West County: Haskell

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	Winfield	2774	+250	
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Council Grove	2962	+62	
List All E. Logs Run:	Neutron	MLT Microlog	Heebner	4108	-1084
Induction	Sonic	Geological Report	Toronto	4126	-1102
			Lansing	4196	-1172
			Marmaton	4750	-1726
			Cherokee	4974	-1950

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	12 1/4	8 5/8	24	1762	C	730	2% CC, 1/4# Polyflake
Surface					C		
Production	7 7/8	4 1/2	11.6	5522	C	270	5# Calseal, 5# Gilsonite, 3% KCL, .5% Halad-322

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
4	5364-5378				
TUBING RECORD			Liner Run		
Size 2 3/8	Set At 5417	Packer At	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First, Resumed Production, SWD or Enhr. 05/09/02		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 144	Gas Mcf 0	Water Bbls 5	Gas-Oil Ratio	Gravity

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)

Operator Name: OXY USA Inc. Lease Name: Lyman A Well #: 1

Sec. 31 Twp. 27 S. R. 33W ☐ East ☐ West County: Haskell

Name	Top	Datum
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Morrow	5174	-2150
Chester	5382	-2358
St. Genieve	5470	-2446

KCC

JUL 18 2002

CONFIDENTIAL

RECEIVED

JUL 19 2002

KCC WICHITA

RELEASED