

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5447Name: OXY USA, Inc.Address P.O. Box 26100City/State/Zip Oklahoma City, OK 73126-0100Purchaser: NNOperator Contact Person: Raymond HuiPhone (405) 749-2471Contractor: Name: Cheyenne Drilling CompanyLicense: 5382Wellsite Geologist: Craig Corbett

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover ☐ CONSERVATION DIVISION
Wichita, Kansas

☐ Oil ☐ SWD ☐ Temp. Abd.

☒ Gas ☒ Inj ☐ Delayed Comp.

☐ Dry ☐ Other (Core, Water Supply, etc.)

If OWM: old well info as follows:

Operator: _____

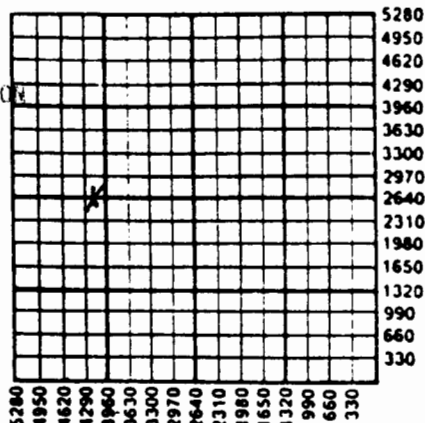
Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable2-20-91 2-22-91 3-12-91

Spud Date _____ Date Reached TD _____ Completion Date _____

API NO. 15- 055-20963County Finneyapprox. E/2 W/2 W/2 Sec. 16 Twp. 25S Rge. 33 ☒ East ☒ West2640 Ft. North from Southeast Corner of Section4030 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)Lease Name McWilliams F Well # 2Field Name Kansas Hugoton GasProducing Formation ChaseElevation: Ground 2923' KB 2934'Total Depth 2900' PBD 2850'Amount of Surface Pipe Set and Cemented at 1069 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Vic TumlinsonTitle Operations Drilling Manager Date 4-22-91Subscribed and sworn to before me this 22nd day of April, 19 91.Notary Public Kay Ann LilmerDate Commission Expires 4-16-94

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☐ Drillers Timelog Received

Distribution

☐ KCC ☐ SWD/Rep ☐ NGPA
☐ KGS ☐ Plug ☐ Other
(Specify)

SIDE TWO

Operator Name OXY USA, Inc. Lease Name McWilliams F Well # 2
☐ East County Finney
 Sec. 16 Twp. 25S Rge. 33 ☒ West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☐ Yes ☒ No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey ☒ Yes ☐ No
 Cores Taken ☐ Yes ☒ No
 Electric Log Run ☒ Yes ☐ No
 (Submit Copy.)

Ran CSNG w/GR logs.

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Hollenberg	2513	2517
Herington	2535	2537
Krider	2568	2570
Winfield	2596	2600
Towanda	2652	2656
TD		2900
PBTD		2850

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
Surface	12 1/4"	8 5/8"	24#	1069'	C1.C	425	6% gel
Production	7 7/8"	5 1/2"	14#	2899	C1.C	500	6% gel

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record
(Amount and Kind of Material Used) Depth

2	2513-2522' (9': 18 shots)	Acidized Chase w/5000 gal of 7 1/2% FE HCL acid.	2513-26
	2535-2561 (26': 52 shots)		
	2568-2580 (12': 24 shots)		
	2596-2637 (41': 82 shots)	Frac'd w/73510 gal of 30# XL gel	2513-2656
	2652-2688 (36': 72 shots)		

TUBING RECORD

Size

Set At

Packer At

Liner Run

☐ Yes ☒ No

2 3/8"

2688'

Date of First Production _____ Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)
 Waiting for PL Connection

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
-		163			

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled

☐ Other (Specify) _____

2513-2688