

FORM MUST BE TYPED

*AMENDED REPORT

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

SIDE ONE

5-315-33W

COPY

Operator: License # 5447Name: OXY USA Inc.Address P. O. Box 26100City/State/Zip Oklahoma City, Ok 73126-0100Purchaser: Northern NaturalOperator Contact Person: Jerry LedlowPhone (405) 749-2309Contractor: Name: CheyenneLicense: 5382

Wellsite Geologist: _____

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.☒ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBTB☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____Spud Date 3/8/95 Date Reached TD 3/12/95 Completion Date *5/9/95API NO. 15- 175-21448County Seward- NW - NE - SE Sec. 5 Twp. 31S Rge. 33 X W2638 Feet from S/X (circle one) Line of Section1250 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
XX, SE, NW or SW (circle one)Lease Name Ward B Well # 2Field Name HugotonProducing Formation ChaseElevation: Ground 2932 KB 2943Total Depth 2847 PBTB 2785Amount of Surface Pipe Set and Cemented at 610 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from surface TDfeet depth to -610 SURFACE W/ -265-485 SX cm.Drilling Fluid Management Plan ALII 6-26-96
(Data must be collected from the Reserve Pit)Chloride content 3700 ppm Fluid volume 2550 bblsDewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name **RELEASED**Lease Name JUL 11 1996 License No. _____Quarter Sec. 5 Twp. 31S Rng. 33 E/WCounty **FROM CONFIDENTIAL** 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 67202, 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 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 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 [Signature]Title Staff Analyst Date 3/21/96Subscribed and sworn to before me this 21st day of March, 1996Notary Public: Laron Anne WellsDate Commission Expires 9-22-97

K.C.C. OFFICE USE ONLY

F ☒ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☐ Geologist Report Received

Distribution

☒ KCC ☐ SLD/Rep ☐ NGPA
☒ KGS ☐ Plug ☐ Other (Specify) IS

Form ACO-1 (7-91)

C:\DATA\WP\KCCC\COMP\WC_HUG

SIDE TWO

Operator Name OXY USA Inc. Lease Name Ward B Well # 2Sec. 5 Twp. 31S Rge. 33 ☐ East ☒ West
County Seward

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests given 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 ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)List All E.Logs Run:
Dual Spaced Neutron☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Hollenberg	2590	351
Herington	2616	325
Krider	2648	293
Winfield	2691	250
Towanda	2736	205

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	610	Midcon-3 Prem Plus	265	2%cc
Production	7 3/4"	5 1/2"	14	2847	Midcon H	485	2%cc

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
2	2596-2600, 2628-30, 2654-56, 2708-12, 2746-50.	Acidize w/ 2000 gal 7.5% HCL	
		Frac w/ 50,700 gal gel wtr.,	
		217,500 # 10/20 FRSC	
TUBING RECORD		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
	Size 2 3/8 Set At 2757 Packer At		
Date of First, Resumed Production, SWD or Inj. *5/9/95		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 476 Mcf Water Bbls. Gas-Oil Ratio	Gravity	

Disposition of Gas: METHOD OF COMPLETION

Production Interval 2596-2750

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