

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

Operator: License # 5447

Name: OXY USA Inc.

Address P. O. Box 300

City/State/Zip Tulsa, ok 74102-0300

Purchaser: NN

Operator Contact Person: Raymond Hui

Phone (918) 561-3548

Contractor: Name: Cheyenne Drilling Co.

License: 5382

Site Geologist: Not on location

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 _____ PBTD

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) Docket No. _____

8-8-96 8-19-96 10-9-96
Spud Date Date Reached TD Completion Date

API NO. 15-175-21560

County Seward

N/2 NW SW Sec. 29 Twp. 31S Rge. 32 X W

2310 FSL Feet from SW (circle one) Line of Section

4620 FEL Feet from SW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
XX, SE, XX or XX (circle one)

Lease Name Luther C Well # 2

Field Name Unnamed Shamrock

Producing Formation Lower Morrow

Elevation: Ground 2864 KB _____

Total Depth 5900 PBTD 5840

Amount of Surface Pipe Set and Cemented at 1524 Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set DV Tool at 3775 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 9-30-97
(Data must be collected from the Reserve Pit)

Chloride content 3200 ppm Fluid volume 1800 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

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 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 Raymond Hui

I, _____ Staff Analyst _____ Date 11-11-96

Subscribed and sworn to before me this 11th day of November, 19 96.

Notary Public Karen Ann Wells

Date 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	☒ SCD/Rep
☒ KGS	☒ Plug
	☒ NGPA
	(Specify)

Form ACO-1 (7-91)

Operator Name OXY USA Inc. Lease Name Luther C Well # 2
 Sec. 29 Twp. 31 Rge. 32 ☐ East ☒ West County Seward

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.)

List All E.Logs Run:

Ran Dual Induction,
 Compensated Neutron & Micrologs

☐ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Heebner	4202	-1327
Toronto	4230	-1355
Lansing	4310	-1435
Marmaton	4942	-2067
Cherokee	5108	-2233
Morrow	5440	-2565
Chester	5602	-2727
St. Gene	5704	-2829
St. Louis	5786	-2911

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	1524'	Midcon 2	420	1#/sx Flo.
Production	7 7/8"	5 1/2"	14	5885	Midcon 2	1st stage: 375 sx	
	DV Tool	at 3775.				2nd stage: 545 sx	

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	Lower Morrow 5535-5539	Acidized w/750 gal 7 1/2%	
		FE, Frac'd w/28315 gal .70Q	
		CO2 foam	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	5587		☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj. 10-9-96	Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls. Gas 1070 Mcf MCFPD Water Bbls. 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) _____

5535'-5539'