

FORM MUST BE TYPED

COPY CONFIDENTIAL

SIDE ONE

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

Operator: License # 9262Name: Lowry Exploration, Inc.Address Philtower Bldg., Ste. 1702427 S. BostonCity/State/Zip Tulsa, OK 74103

Purchaser: _____

Operator Contact Person: R. G. LowryPhone (918) 587-5094Contractor: Name: MurfinLicense: 30606Wellsite Geologist: None

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:

KCC

Operator: _____

Well Name: _____

Comp. Date _____ Old Tot. _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBDT☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) Docket No. _____2-25-98 3-4-98 3-5-98

Spud Date Date Reached TD Completion Date

API NO. 15- 175-216850000County Seward- NE - SW - NW Sec. 20 Twp. 31S Rge. 31 ☒ E1650 Feet from S (circle one) Line of Section990 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Jacobs Well # 1-20Field Name Thirty-OneProducing Formation NoneElevation: Ground 2828 KB 2839Total Depth 5756 PBTD _____Amount of Surface Pipe Set and Cemented at 1717 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.

Drilling Fluid Management Plan D&A 876 7-7-98
(Data must be collected from the Reserve Pit)Chloride content 7300 ppm Fluid volume 800 bblsDewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name Lowry Exploration, Inc.Lease Name Jacobs 1 License No. 9262NW Quarter Sec. 20 Twp. 31 S Rng. 31 ☒ ECounty Seward 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 R. G. LowryTitle PRESIDENT Date 5-27-98Subscribed and sworn to before me this 27th day of May, 19 98.Notary Public James M. MillerDate Commission Expires February 20, 2002

K.C.C. OFFICE USE ONLY
F ☒ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☐ Geologist Report Received

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

Form ACO-1 (7-91)

SIDE TWO

Operator Name Lowry Lease Name Jacobs Well # 1-20
 Sec. 20 Twp. 31S Rge. 31 ☐ 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:

DI, CDL/CNL

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

Chase 2630
 B. Heebner Shale 4220
 Marmaton 4916
 Morrow Shale 5447
 Mississippi 5502
 St. Gen 5605

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 $\frac{1}{2}$	8 5/8	24#	1717	Class C	750	3% 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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. D&A				
Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil $\frac{N}{A}$ Bbls.	Gas $\frac{N}{A}$ Mcf	Water $\frac{N}{A}$ Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: METHOD OF COMPLETION

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

Production Interval
☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____