

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

Operator: License # 9953

Name: Harris Oil and Gas Company

Address 1125 Seventeenth Street

Suite 2290

City/State/Zip Denver, CO 80202

Purchaser: Koch Oil Company

Operator Contact Person: Bud Harris

Phone (303) 293-8838

Contractor: Name: Allen Drilling Company

License: 5418

Wellsite Geologist: Dan Sommer

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 ☐ PBDT

☐ Commingled ☐ Docket No. _____

☐ Dual Completion ☐ Docket No. _____

☐ Other (SWD or Inj?) ☐ Docket No. _____

7/28/97
Spud Date

8/7/97
Date Reached TD

9/26/97
Completion Date

API NO. 15- 175-21650-0000

County Seward

S/2-SW - SW Sec. 31 Twp. 31S Rge. 32 E W

330-500 Feet from S (circle one) Line of Section

500-330 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Lambert Well # 1-31

Field Name Shamrock

Producing Formation Marmaton "B"

Elevation: Ground 2856' KB 2866'

Total Depth 5150' PBDT 5098'

Amount of Surface Pipe Set and Cemented at 1660 Feet

Multiple 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 AF. 1, 7-23-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid vol RELEASED bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____

License No. _____

Quarter _____ Sec. _____ Twp. _____ Rge. _____ 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 Daniel R Sommer

Title Exploration Manager Date 10/16/97

Subscribed and sworn to before me this 16 day of October, 19 97.

Notary Public Sammy Lynn Adamek

Commission Expires March 31, 2001

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) IS

Operator Name Harris Oil and Gas CompanyLease Name LambertWell # 1-31Sec. 31 Twp. 31S Rge. 32☐ EastCounty Seward☒ 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 ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

List All E.Logs Run:

DIS

CNS/PDS By: BPB Wireline Services

MLS

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

Name	Top	Datum
Heebner	4199	-1333
Lansing	4272	-1406
Kansas City "A"	4796	-1930
Kansas City "B"	4832	-1966
Marmaton	4920	-2050
Pawnee	5098	-2232
Ft. Scott	5118	-2252

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	1661	Lite	550	3% cc, 1/4# Floccete
					Class A	150	3% cc
Production	7 7/8"	4 1/2"	10.5	5150	ASC	125	Preceded by 500gal MOD

ADDITIONAL CEMENTING/SQUEEZE RECORD

Flush

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 spf	4941-4947	Dumped 97 bbl Kcl water on vacuum
		Acidized with 1500 gal 15% Kcl Non E,
		F E Acid and 40 balls.

TUBING RECORD	Size	Set At	Packer At	Liner Run ☐ Yes ☒ No
	2 3/8"	4886'	4893'	
Date of First, Resumed Production, SMD or Inj.	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
9/26/97				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	38	150	5	32°

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 4941'-4947'
☐ Other (Specify) _____