

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 & Gas Company

Address 410 17th Street, Suite 2310
Denver, CO 80202

City/State/Zip _____

Purchaser: Koch

Operator Contact Person: Bud Harris

Phone (303) 623-3336

Contractor: Name: Cheyenne Drilling, Inc.

License: 5382

Wellsite Geologist: Dan Sommer

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ SWD ☐ Temp. Abd.
☐ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

12-1-90 12-9-90 1-3-91

Spud Date Date Reached TD Completion Date

API NO. 15- 067-21,110

County Grant

W/2 NW NE Sec. 31 Twp. 29S Rge. 38 X East West

4590 Ft. North from Southeast Corner of Section

2310 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

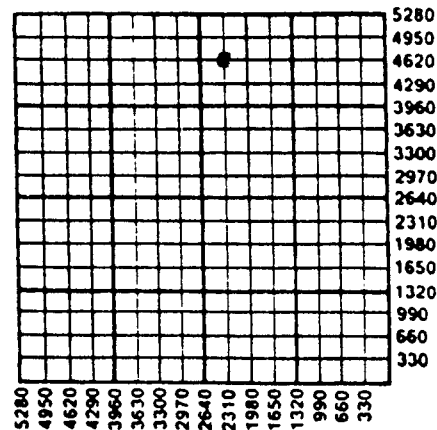
Lease Name Johnson Well # 1-31

Field Name S.W. Ulyssis

Producing Formation St. Louis

Elevation: Ground 3111 KB 3122

Total Depth 5800 PBTD 5743



Amount of Surface Pipe Set and Cemented at 1769 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.

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 [Signature]

Title [Signature] Date 2-4-91

Subscribed and sworn to before me this 14th day of February, 1991.

Notary Public [Signature]

Date Commission Expires 03-28-94

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) [Signature]

SIDE TWO

Operator Name Harris Oil & Gas CompanyLease Name JohnsonWell # 1-31☐ EastCounty GrantSec. 31 Twp. 29S Rge. 38☒ 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.)

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Heebner	3778	- 656
Lansing	3878	- 756
Marmaton	4474	-1352
Cherokee	4924	-1802
Atoka	5017	-1895
Morrow	5140	-2018
Chester	5486	-2364
St. Gen	5606	-2484
St. Louis Porosity	5656	-2534

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		8 5/8"	24#	1769'	Lite	590	6% gel, 2% cc, 1# D-29
					Class C	150	2% cc-1# D-29
Production		5 1/2"	14 & 15 1/2#	5793'	Thixset	175	5% KCL

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

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

4	5655-72'	2500 gallons 15% FE Acid	

TUBING RECORD

Size

Set At

Packer At

Liner Run

☐ Yes ☒ No

2 7/8"

5678'

5610'

Date of First Production
1-31-91

Producing Method

☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)Estimated Production
Per 24 Hours

Oil

Bbls.
176

Gas

Mcf

Water

Bbls.
16

Gas-Oil Ratio

Gravity
42

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) _____