

Form ACO-1  
September 1999  
**Form Must Be Typed**

**UIC Distribution**

Operator Name: Robert S. Harwell, Inc. Lease Name: North Gordon Well #: 13A  
Sec. 19 Twp. 14 S. R. 22 ☒ East ☐ West County: Johnson

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:

gamma ray/neutron log

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

Name	Top	Datum
------	-----	-------

Base of KC Lime	419
Bartlesville Sand	868-876
Total depth	915

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	# Sacjs Used	Type and Percent Additives
surface	10 1/4	7"		20 ft.	portland	4	
production	5 5/8	2 7/8		908	50/50 poz	130	

### ADDITIONAL CEMENTING / SQUEEZE RECORD

<b>Purpose:</b> _____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone	<b>Depth Top Bottom</b>	<b>Type of Cement</b>	<b>#Sacks Used</b>	<b>Type and Percent Additives</b>

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	868.5-875	spot acid on perfs and breakdown with 250 gallons of 15% acid	

TUBING RECORD	Size	Set At	Packer At	Liner Run
none				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
waiting on kcc approval for injection	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
--------------------------------------	-----	-------	-----	-----	-------	-------	---------------	---------

Disposition of Gas	METHOD OF COMPLETION	Production Interval
--------------------	----------------------	---------------------

☐ Vented    ☐ Sold    ☐ Used on Lease    ☐ Open Hole    ☒ Part    ☐ Dually Comp.    ☐ Commingled \_\_\_\_\_

(If vented, Sumit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled \_\_\_\_\_

☐ Other (Specify) \_\_\_\_\_