

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

API NO. 15- 091 228090000

County Johnson

NE- EX2 SE - SE Sec. 19 Twp. 14 Rge. 22 ^{xxE} _W

Operator: License # 3074

733 660 Feet from (S)W (circle one) Line of Section

Name: Robert S. Harwell, Inc.

212 220 Feet from (E)W (circle one) Line of Section

Address 2801 NW Expressway #132

^{1 KCC record}
Footages Calculated from Nearest Outside Section Corner:
NE, (SE), NW or SW (circle one)

City/State/Zip Oklahoma City, OK 73112

Lease Name North Gordon Well # 17

Purchaser: Crude Marketing

Field Name Longanecker

Operator Contact Person: Robert S. Harwell

Producing Formation Bartlesville

Phone (405) 842-4088

Elevation: Ground n/a KB _____

Contractor: Name: Hughes Drilling

Total Depth 940 PBDT _____

License: 5682

Amount of Surface Pipe Set and Cemented at 20 Feet

Wellsite Geologist: none

Multiple Stage Cementing Collar Used? _____ Yes xx No

Designate Type of Completion

If yes, show depth set _____ Feet

xxx New Well _____ Re-Entry _____ Workover

If Alternate II completion, cement circulated from 930

XX Oil _____ SWD _____ SLOW _____ Temp. Abd.
_____ Gas _____ ENHR _____ SIGW
_____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

feet depth to surface w/ 100 sx cmt.

If Workover/Reentry: Old Well Info as follows:

Drilling Fluid Management Plan Att. 2, 4-11-98 v.c.
(Data must be collected from the Reserve Pit)

Operator: _____

Chloride content n/a ppm Fluid volume n/a bbls

Well Name: _____

Dewatering method used _____

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD
_____ Plug Back _____ PBDT
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____

Operator Name _____

Lease Name _____ License No. _____

10-1-97 10-3-97 11-15-97
Spud Date Date Reached TD Completion Date

_____ 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 Robert S. Harwell

Title President Date 10-20-97

Subscribed and sworn to before me this 13 day of Nov 19 97.

Notary Public Shan K. Bale

Date Commission Expires 7-13-2001

K.C.C. OFFICE USE ONLY		
F	Letter of Confidentiality Attached	
C	Wireline Log Received	
C	Geologist Report Received	
Distribution		
_____	KCC	_____ SWD/Rep
_____	KGS	_____ Plug
_____		_____ NGPA
_____		_____ Other (Specify)

Operator Name Robert S. Harwell, Inc. Lease Name North Gordon Well # 17

Sec. 19 Twp. 14 Rge. 22 East West County Johnson

COPY

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:

 gamma ray - neutron
 cased hole log

<input checked="" type="checkbox"/> Log		<input type="checkbox"/> Sample	
Name	Top	Datum	
Base of Hertha		420	
Squirrell Sand		688	
Barltesville Sand		880-886	
TD		940	

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		6 1/2		20	Portland	5	
Production		2 7/8		930	50/50 Poz	100	

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
2	880-886	spot acid and acid breakdwn frac w/80 bbls. of oil 25 sacks of sand	

TUBING RECORD

Size 1" tubing at 930 Set At _____ Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 11-12-97 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	5		1		23

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled 880-886

Production Interval Other (Specify) _____