

19-14-22E  
COPY

FORM MUST BE TYPED

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 # 3074

Name: Robert S. Harwell, Inc.

Address 2801 NW EXpressway

Suite 132

City/State/Zip Oklahoma City, OK

73112

Purchaser: C.M.I.

Operator Contact Person: Robert S. Harwell

Phone (405) 842-4088

Contractor: Name: Central Plains Drilling

License: 3550

Wellsite Geologist: none

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SIOV  Temp. Abd.

Gas  ENHR  SIGV

Dry  Other (Core, WSV, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

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

11-1-93 11-3-93 11-4-93  
Spud Date Date Reached TD Completion Date

API NO. 15- 091-22,591

County Johnson

SW NW SE SE Sec. 19 Twp. 14 Rge 22  E  W

692 660 Feet from  N (circle one) Line of Section

973 1100 Feet from  W (circle one) Line of Section

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

Lease Name North Gordon Well # 11

Field Name Longanceker

Producing Formation Bartlesville

Elevation: Ground 975 KS n/a

Total Depth 943 PSTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 20 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/ \_\_\_\_\_ sz cnt.

Drilling Fluid Management Plan ALT 2 2/16/94  
(Data must be collected from the Reserve Pit)

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

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Section No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 forms with all plugged wells. Submit CP-111 forms 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 12-10-93

Subscribed and sworn to before me this 10<sup>th</sup> day of December, 19 93.

Notary Public Patricia J. Lamkin

Date Commission Expires 6-28-97

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

Operator Name Robert S. Harwell

Lease Name North Gordon

Well # 11

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.)

Log Formation (Top), Depth and Datum  Sample  
Name Top Datum  
Base of Kansas City Lime 421  
Bartlesville sand 877-882  
TD 943

List All E.Logs Run:

cased hole gamma ray-  
neutron

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	6 1/2		20 ft.	portland	6 sacks	
production	5 1/8	2 7/8		932	portland	115 sacks	

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	877-882	spot acid on perfs and frac with 75 bbls. of oil and 25 sacks of sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	1" tubing	at 925						
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)							
12-14-93								
Estimated Production Per 24 Hours	Oil	Bb.s.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	5		0		1			23

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify) \_\_\_\_\_

877-882

# DRILLER'S LOG

COPY

Date 10/29/93		API # 15-091-22,591	
Operator Robert Harwell		Contractor Central Plains Drilling License # 3550	
Address 2801 NW Expressway OKC 73112		Address 910 N. Poplar Ottawa, Ks. 66067	
Lease N. Gordon	Well # 11	County Johnson	State Ks Legal 19-14-22E

Total	Formations	from	to	Total	Formations	from	to
60	Soil & clay	0	60	5	Lime	258	263
5	Lime	60	65	21	Shale	263	284
6	Shale	65	71	5	Lime	284	289
27	Lime	71	98	10	Shale	289	299
7	Shale	98	105	12	Lime	299	311
11	Lime	105	116	39	Shale	311	350
6	Shale	116	122	61	Lime	350	<del>388</del> 411
17	Lime	122	139	4	Shale	411	415
21	Shale	139	160	6	Lime (Hertha)	415	421
23	Lime	160	183	174	Shale	421	595
5	Shale	183	188	6	Lime	595	601
11	Lime	188	199	15	Shale	601	616
13	Shale	199	212	6	Lime	616	622
27	Lime	212	239	13	Shale	622	635
29	Shale	239	258	18	Lime	635	653

Total Footage Drilled 943'	Total Footage Cored
Mud Used	Spud Date: 10/29/93 21' of 7" 6 sx Portland
Bits Used, Size and Type 5 1/4" to 423' 5 1/8" to TD	Run pipe & cement 11/4/93

Cased—from 0 to 932'	Size 2 7/8"
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Details - Remarks

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Driller	Hrs.	Helper	Hrs.
Helper	Hrs.	Helper	Hrs.

