

19-14-22E

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACG-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

Purchaser: C.M.I.
73112

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 SIOW Temp. Abd.

Gas ENHR SIGW

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

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PSTD

Casinghead Bucket No. _____

Dual Completion Bucket No. _____

Other (SWD or Inj?) Bucket No. _____

11-593 11-10-93 11-11-93
Spud Date Date Reached TD Completion Date

APT NO. 15- 091-22,590

County NW Johnson

NE NE SW SE Sec. 19 Twp. 14 Rge. 22 XXXE

880 913 Feet from (S)N (circle one) Line of Section

1320 1162 Feet from (E)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 # 5A

Field Name Longanecker

Producing Formation Bartlesville

Elevation: Ground 975 KB 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/ _____ sx cat.

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

Chloride content n/a pps 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 _____ Docket 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 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 12-10-93

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

Notary Public Patricia J. Lankin

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
RECEIVED DISTRIBUTION STATE CORPORATION COMMISSION	
<input checked="" type="checkbox"/> KCC	805/Rep
<input checked="" type="checkbox"/> KGS	Plug
	Other (Specify)
JAN 16 1994	

Operator Name Robert S. Harwell, Inc.

Lease name NOT IN GOLDEN

Well # 92

East

County Johnson

Sec. 19 Twp. 14 Rge. 22

West

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		422
Bartlesville Sand		878-882
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		929	portland	145 sacks	KCC 115 8/4

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
2	879-884		spot acid on perfs	
			breakdown with 250 gallons	
			of 15% acid	

TUBING RECORD Size NOBE Set At _____ Packer At _____ Liner Run Yes No

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

WAITING ON KCC APPROVAL FOR INJECTION

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

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

METHOD OF COMPLETION
 Open Hole Perf. Dually Comp.
 Other (Specify) _____

RECEIVED
 STATE CORPORATION COMMISSION
 Commingled 879-884
 JAN 18 1994
 CONSERVATION DIVISION

DRILLER'S LOG

COPY

Date 11/5/93		API # 15-091-22,590	
Operator Robert Harwell		Contractor Central Plains Drilling	
Address 2801 NW Expressway-Suite #132 OKC 73112		Address 910 N. Poplar Ottawa, Ks. 66067 License # 35	
Lease N. Gordon	Well # 5A	County Johnson	State Ks Legal 19-14-22E

Total	Formations	from	to	Total	Formations	from	to
51	Soil & clay	0	51	8	Lime	260	268
2	Lime	51	53	15	Shale	268	283
9	Shale	53	62	8	Lime	283	291
4	Lime	62	66	7	Shale	291	297
17	Shale	66	83	7	Lime	297	304
15	Lime	83	98	4	Shale	304	308
9	Shale	98	107	5	Lime	308	313
10	Lime	107	117	35	Shale	313	348
6	Shale	117	123	61	Lime	348	409
17	Lime	123	140	6	Shale	409	415
7	Shale	140	161	7	Lime (Hertha)	415	422
38	Lime	161	199	170	Shale	422	592
16	Shale	199	215	11	Lime	592	603
25	Lime	215	240	6	Shale	603	609
20	Shale	240	260	5	Lime	609	614

Total Footage Drilled 943'	Total Footage Cored
Mud Used	Spud Date: 11/5/93 21' of 7" 6 sx Portland
Bits Used, Size and Type 5 1/4" to 300' 5 1/8" to TD	Run pipe & cement 11/11/93. Also ran M.I.T.

Cased—from 0 to 929' Size 2 7/8"

Details - Remarks

RECEIVED
 STATE REGISTRATION COMMISSION
JAN 18 1994
 CONSERVATION DIVISION

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

