

3158

19-14-22E

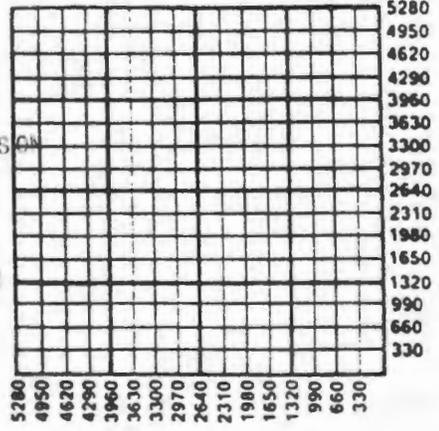
# COPY

### 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  
 Address 2801 NW Expressway #132  
 City/State/Zip Oklahoma City, OK 73112  
 Purchaser: Crude Marketing  
 Operator Contact Person: Robert S. Harwell  
 Phone (405) 842-4088  
 Contractor: Name: Central Plains  
 License: 3550  
 Wellsite Geologist: none  
 Designate Type of Completion  
 New Well  Re-Entry  Workover **NOV 8 1991**  
 Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)  
 If OWM: old well info as follows:  
 Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_  
 Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
10-4-91 10-11-91 10-11-91  
 Spud Date Date Reached TD Completion Date

API NO. 15- 091-22, -359  
 County Johnson  
 SW <sup>SE</sup> SW SE Sec. 19 Twp. 14 Rge. 22  East West  
220 225 FSL Ft. North from Southeast Corner of Section  
1540 H25 FSL West from Southeast Corner of Section  
 'KCC record (NOTE: Locate well in section plat below.)  
 Lease Name North Gordon Well # 7  
 Field Name Longanecker  
 Producing Formation Bartlesville  
 Elevation: Ground n/a KB n/a  
 Total Depth 923 PBDT \_\_\_\_\_



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 906  
 feet depth to 0 w/ 120 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 Robert S. Harwell  
 Title Operator Date 11-6-91  
 Described and sworn to before me this 6 day of November, 1991.  
 Notary Public Jessie A. Longworth  
 Commission Expires July 10, 1995

**K.C.C. OFFICE USE ONLY**

F  Letter of Confidentiality Attached  
 C  Wireline Log Received  
 C  Drillers Timelog Received

**Distribution**

KCC  SWD/Rep  NCSA  
 KGS  Plug  Other (Specify)

COPY

SIDE TWO

Operator Name Robert S. Harwell Lease Name North Gordon Well # 7  
 Sec. 19 Twp. 14 Rge. 22  East  West  
 County Johnson

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	
Name	Top Bottom
Bottom of Kansas City Lime	414
Bottom of Ardmore Lime	780
Bartlesville Sand	867.5-874.5
TD	923

RECEIVED  
STATE CORPORATION COMMISSION

NOV 8 1991

CASING RECORD  New  Used

Report all strings set-conductor, surface, intermediate, production, etc. ACTION DIVISION

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 5/8	6 1/4		20 ft.	portland	6 sacks	
production	6 5/8	2 7/8		906 ft.	portland	120 sacks	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	871-877	spot acid on perfs frac with 15 sacks and of gell water	60 bbls.

TUBING RECORD	Size	Set At	Packer At	Liner Run
1"	set at	875 ft.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Production	Producing Method
10-24-91	<input type="checkbox"/> Flowing <input checked="" 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
	5		1		23

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

METHOD OF COMPLETION

Open Hole  Perforation  Dually Completed  Commingled

Other (Specify) \_\_\_\_\_

Production Interval 871-877

19-14-22E

# COPY DRILLER'S LOG

Date 10/4/91		<del>XXXXXXXX</del> API # 15-091-22,359	
Operator Robert Harwell		Contractor Central Plains Drilling License # 3550	
Address 2801 NW Expressway #132 OKC 73112		Address 910 N. Poplar Ottawa, Ks. 66067	
Lease N. Gordon	Well # 7	County Johnson	State Ks Legal 19-14-22E

Total	Formations	from	to	Total	Formations	from	to
54	Soil & clay	0	54	24	Lime	210	234
4	Lime	54	58	19	Shale	234	253
5	Shale w/sand	58	66	8	Lime	253	261
2	Lime	66	68	19	Shale	261	280
8	Shale	68	76	5	Lime	280	285
15	Lime	76	91	8	Shale	285	293
8	Shale	91	99	12	Lime	293	305
9	Lime	99	108	38	Shale	305	343
7	Shale	108	115	60	Lime w/porosity break	343	403
18	Lime	115	133	5	Shale	403	408
21	Shale	133	154	6	Lime (BKC) Hertha	408	414
20	Lime	154	174	175	Shale	414	589
7	Shale	174	181	6	Lime	589	595
12	Lime	181	193	3	Shale	595	598
17	Shale	193	210	5	Lime	598	603

Total Footage Drilled 923'	Total Footage Cored 11' 868' - 879'
Mud Used	<del>XXXXXXXX</del> Spud Date: 10/4/91 20' of 6 1/2" 6 sx Fortland
Bits Used, Size and Type 5 1/2" to 500' 5 1/8" to 923'	Run pipe & cement well 10/11/91
Rig Time Charged to Operator - Detail-	

Total JTS Drill Pipe on Location	Total in Hole
Total Drill Collars on Location	Total in Hole Footage
Cased—from 0 to 910'	Size 2 7/8" Weight

Detail Accidents or Injuries—Remarks—Detail Repairs

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STATE CORPORATION COMMISSION

Driller	Hrs. Helper	NOV 8 1991	Hrs.
Helper	Hrs. Helper		Hrs.

CONSERVATION DIVISION

## DRILLERS LOG

Robert Harwell  
N. Gordon 7

Total	Formations	From	To
4	Shale	603	607
7	Lime	607	614
14	Shale	614	628
3	Lime	628	631
5	Shale	631	636
9	Lime	636	645
23	Shale	645	668
3	Lime	668	671
4	Shale	671	675
1	Lime	675	676
101	Shale	676	777
3	Lime	777	780
87.5	Shale	780	867.5
7	Sand	867.5	874.5
48.5	Shale	874.5	923
			TD 923

STATE CORPORATION COMMISSION

NOV 8 1991

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