

19-14-22E

COPY

FORM MUST BE TYPED

SIDE ONE

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

Operator: License # 3074Name: Robert S. Harwell, Inc.Address 2801 NE Expressway #132City/State/Zip Oklahoma City, OKPurchaser: Crude MarketingOperator-Contact Person: Robert S. HarwellPhone (405) 842-4088Contractor: Name: Central PlainsLicense: 3550Wellsite 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.)injection well

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☐ Casinghead ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____Spud Date 5-13-95 Date Reached TD 5-15-95 Completion Date 5-15-95

Spud Date _____ Date Reached TD _____ Completion Date _____

API NO. 15- 091 - 22611County Johnson220' S. of C S/2 SE 19 Sec. 19 Twp. 14 Rge. 22 ☒ E ☐ W440 463 SW SE SE Feet from S/W (circle one) Line of Section1320 1123 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name North Gordon Well # 6AField Name LonganeckerProducing Formation BartlesvilleElevation: Ground 975 KB n/aTotal Depth 943 PSTD _____Amount of Surface Pipe Set and Cemented at 23 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan alt II 5-9-96
(Data must be collected from the Reserve Pit) LCChloride content n/a ppm Fluid volume n/a bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name JUN 12 1995

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. HarwellTitle President Date 6-5-95Subscribed and sworn to before me this 6 day of June, 19 95.Notary Public Marsha BennettDate Commission Expires 10-17-95

K.C.C. OFFICE USE ONLY

☐ Letter of Confidentiality Attached
☐ Wireline Log Received
☐ Geologist Report Received

Distribution

☒ KCC ☐ SWD/Rep ☐ HSPA
☐ KGS ☐ Plug ☐ Other
(Specify)

SIDE TWO

Operator Name Robert S. Harwell, Inc.Lease Name North Gordon Well # 6ASec. 19 Twp. 14 Rge. 22☒ East
☐ WestCounty 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:

 Driller's log ☒ Log ☐ Sample
Formation (Top), Depth and Datum

Name Top Datum

Base of Kansas City Lime	418
Base of Armore Lime	783
Bartlesville Sand	873-879
TD	943

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	6½	6½		23 ft/	portland	6 sx	
production	5½	2 7/8		918 ft.	portland & poz	108 sack	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	STATE OF OKLAHOMA COMMISSION Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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	873-878	spot acid on perfs breakdown with 250 gallons of 15% acid	

TUBING RECORD	Size	Set At	Packer At	Liner Run ☐ Yes ☒ No
	None			

 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
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Disposition of Gas:

METHOD OF COMPLETION

Interval

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Cemented
☐ Other (Specify) _____

DRILLER'S LOG

ORIGINAL

Date 5/13/95		API # 15-091-22, 611	
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 # 6A	County Johnson	State KS Legal 19-14-22E

Total	Formations	from	to	Total	Formations	from	to
57	Soil & clay	0	57	5	Lime	282	287
3	Lime	57	60	8	Shale	287	295
4	Shale	60	64	12	Lime	295	307
12	Lime	64	76	14	Shale	307	321
3	Shale	76	79	47	Lime w/shale breaks	321	368
11	Lime	79	90	12	Shale	368	380
10	Shale	90	100	19	Lime	380	399
39	Lime w/shale break	100	139	4	Shale	399	403
4	Shale	139	143	5	Lime	403	408
49	Lime w/shale breaks	143	192	4	Shale	408	412
15	Shale	192	207	6	Lime Hertha	412	418
30	Lime	207	237	172	Shale	418	590
16	Shale	237	253	5	Lime	590	595
11	Lime	253	264	10	Shale	595	605
18	Shale	264	282	5	Lime	605	610

Total Footage Drilled 43'	Total Footage Cored
Mud Used	Spud Date: 5/13/95 23' of 7" 6 sx Portland
Bits Used, Size and Type 5 1/2" to 5 1/8" to TD	Run pipe & cement 5/15/95

Cased—from 0 to 22'	Size 2 7/8"	RECEIVED JUN 17 1995
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Details - Remarks	
Driller	Hrs. Helper
Helper	Hrs. Helper

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DRILLER'S LOG

ORIGINAL

Date 5/13/95		API #	
Operator Robert Harwell		Contractor	
Address		Address	
Lease N. Gordon	Well # 6A	County	State Legal

Total	Formations	from	to	Total	Formations	from	to
18	Shale	610	628				
3	Lime	628	631				
14	Shale	631	645				
2	Lime	645	647				
134	Shale	647	783				
2	Lime Ardmore	781	783				
90	Shale	783	873				
6	Sand Good bleed	873	879				
3	Sand Broken, fair bleed	879	882				
61	Shale	882	943				
	TD		943				

Total Footage Drilled	Total Footage Cored
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Mud Used	Spud Date:
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Bits Used, Size and Type

Cased—from	to	Size
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Details -- Remarks

Driller	Hrs.	Helper
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Helper	Hrs.	Helper	Hrs
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