

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 #132

City/State/Zip Oklahoma City, OK 73112

Purchaser: E.O.T.T.

Operator Contact Person: Robert S. Harwell

Phone ( 405 842-4088

Contractor: Name: Hughes Drilling

License: 5682

Wellsite Geologist: none

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.

Gas  ENHR  SIGW

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

If Workover/Reentry: Old Well Info as follows:

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

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

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

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back  PBSD

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. \_\_\_\_\_

8/17/99 8/20/99 1012-99  
Spud Date Date Reached TD Completion Date

API No. 15- 091-22900000 **ORIGINAL**

County Johnson

SE - SE - SE - SE Sec. 19 Twp. 14 Rge. 22  NE  NW  SW

440 Feet from S/N (circle one) Line of Section

440 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 N. Gordon Well # 10A

Field Name Longanecker

Producing Formation Bartlesville

Elevation: Ground 975 KB n/a

Total Depth 950 PBSD \_\_\_\_\_

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 938

feet depth to Surface w/ 110 sx cmt.

Drilling Fluid Management Plan Att 2, 10-26-99 UC  
(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 \_\_\_\_\_ 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 10-12-99

Subscribed and sworn to before me this 12 day of October, 1999

Notary Public Chris Black

Notary Commission Expires 11-8-02

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/> Letter of Confidentiality Attached	
C	<input type="checkbox"/> Wireline Log Received	
C	<input type="checkbox"/> Geologist Report Received	
Distribution		
<input checked="" type="checkbox"/> KCC	<input checked="" type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input checked="" type="checkbox"/> Other (Specify) <u>IDG</u>

Operator Name Robert S. Harwell Lease Name N. Gordon Well # 10A  
 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Base of hertha lime		418
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Squirrel Sand		755-59
List All E.Logs Run:		Bartlesville sand		881-887
		TD		950

gamma ray neutron

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> 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	7 5/8	7"		21	portland poz	5	
Production	6 1/4	2 7/8		938	portland	110	

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 the perms	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
NONE				
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input 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
	WAITING UPON KCC APPROVAL FOR INJECTION			

Disposition of Gas: METHOD OF COMPLETION Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 877-882

(If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

CONTRACTOR

8/17/99-8/20/99

**COPY** OPERATOR

HUGHES DRILLING COMPANY  
122 NORTH MAIN  
WELLSVILLE, KANSAS 66092

Robert S. Harwell, Inc.  
2801. NW Expressway 3132  
Oklahoma City, OK 73112

LOG  
North Gordon  
Well No. 10A  
Johnson Co., KS.  
Approx SE SE SE  
Sec. 19, T 14, R 22E

API # 15-091-22900-00  
440' FSL of Section  
440' FEL of Section

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2	28	Shale	446
26	Clay	28	4	Gray Sand	450
27	Shale	55	144	Shale	594
3	Lime (Sdy.)	58	10	Lime (Shale 599-600)	604
8	Shale	66	7	SHale	611
5	Sand (Gray ((Hard)	71	8	Lie	619
14	Lime	91	15	Shale	634
9	Shale (Slate 96-97)	100	3	Lime (Brown)	637
9	Lime	109	7	Shale	644
8	Shale	117	3	Lime	647
19	Lime	136	16	SHale	663
2	Shale	156	5	Red Bed	668
20	Lime	176	13	Shale	681
10	Shale	186	3	Lime	684
3	Lime	189	48	Shale	732
18	Shale	207	1	Lime	733
27	Lime	234	10	Shale	743
20	Shale	254	1	Lime	744
9	Lime	263	11	Shale	755
16	Shale	273	4	Brown Sand (Some bleeding oil)	759
7	Lime	286		(Lamin./shale)	
7	Shale	293		(#2 SQUIRREL")	
11	Lime	304	27	Shale	786
39	SHale (Lime 331-332)	343		(Slate 781-782)	
27	Lime 30'	370	2	Lime	788
7	SHale (Slate 372-373)	377	74	Shale	862
22	Lime 20'	399		(Limebreak 835')	
4	Shale (Slate 402-403)	403	3	Lt. Shale	865
4	Lime	407	4	Red Bed	869
6	SHale	413	8	Shale	877
				(Limebreak 871')	
			2	White Sdy. Lime	879
			1	Sdy. Lime	880
				(Little bleeding	

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CONSERVATION DIVISION  
Wichita Kansas

CONTRACTOR

OPERATOR

HUGHES DRILLING COMPANY  
122 NORTH MAIN  
WELLSVILLE, KANSAS 66092

COPY

LOG

North Gordon  
Well No. 10A  
cont.

API #

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
7	Sand ("BARTLESVILLE")	887			
62	Shale	949			
1	Lime	950 T.D.			

8/17/99-8/20/99

Drilled 950' of hole (5½").

8/17/99

S 21.10' of 7" surface pipe.  
Cemented in with 5 sacks cement.

8/19/99

Sample checked "BARTLESVILLE ZONE".

8/20/99

Set 938.60' Of 2½" 8 rd. upset pipe.  
Used 3 centralizers.  
Float shoe on bottom.

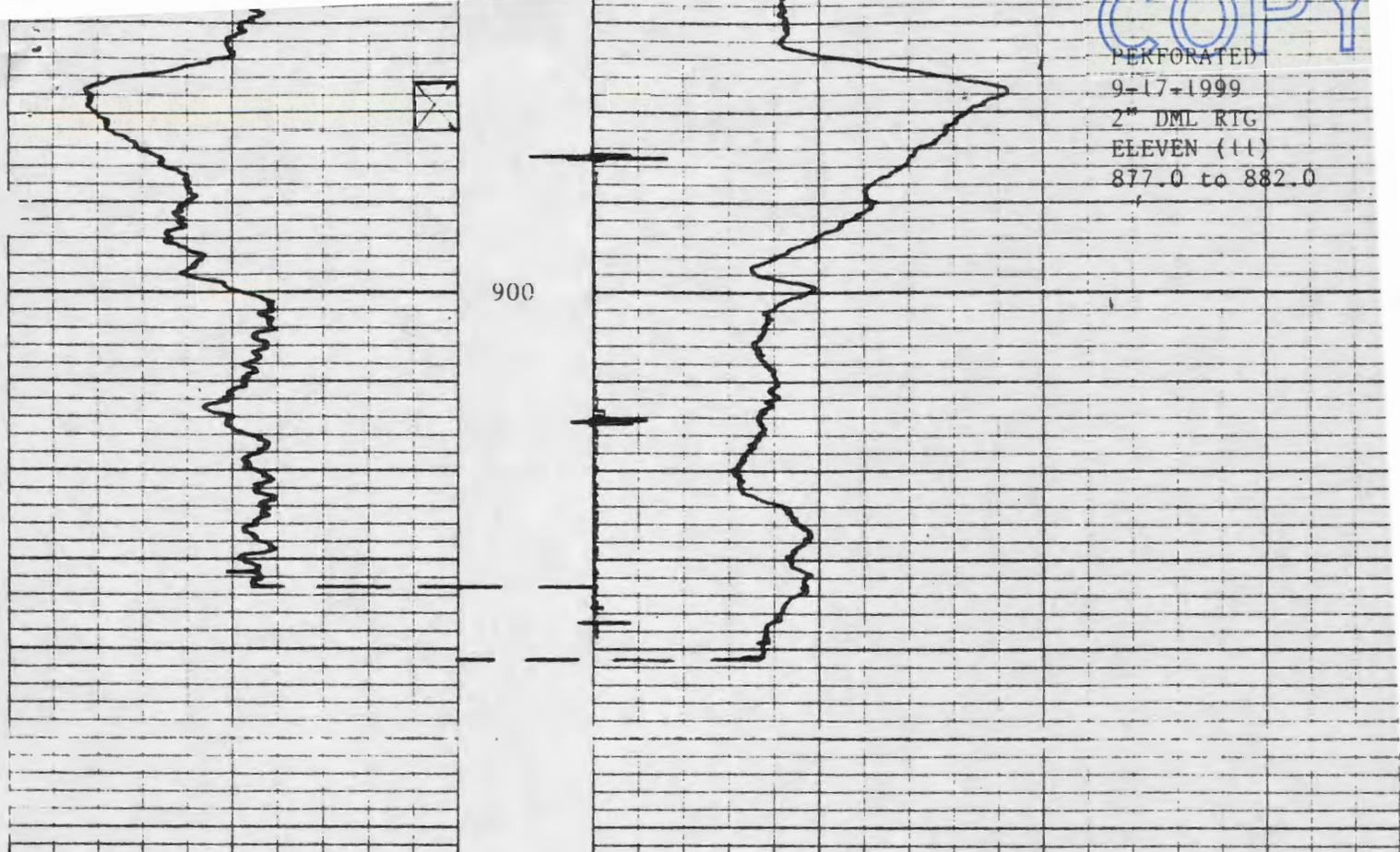
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SEP 29 1999

CONSERVATION DIVISION  
Wichita, Kansas

COPY

PERFORATED  
9-17-1999  
2" DML RTG  
ELEVEN (11)  
877.0 to 882.0

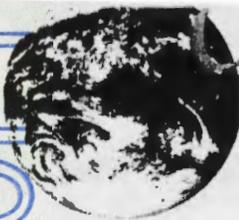


COMPANY Robert Harwell  
 WELL No. 10-A  
 LEASE North Gordon  
 COUNTY Johnson, Kansas  
 DATE 8-25-1999

GAMMA RAY T.D. 942.0  
 GAMMA RAY R.D. 933.0  
 NEUTRON T.D. 942.0  
 NEUTRON R.D. 941.0  
 CASING SET @ 2 7/8" T.D.

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 CONSERVATION DIVISION  
 Wichita, Kansas

COPY



# CONSOLIDATED INDUSTRIAL SERVICES

AN INFINITY COMPANY

211 W. 14th, P.O. Box 884 Chanute, KS 66720 • 316/431-9210 • 1-800/467-8676

Page 1

08/23/99

00164693

S  
O  
L  
D  
T  
O

3776  
HARWELL, ROBERT  
2801 N.W. EXPY. STE 132  
OKLAHOMA CITY OK 73112

**TERMS: Net 30 Days**  
A Finance Charge compute  
at 1% per month (annual per  
centage rate of 12%) will b  
added to balances over 3  
days.

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AT  
CORPORATION COMMISSION  
SEP 29 1999  
CONSERVATION DIVISION  
Wichita Kansas

PLEASE REFER TO THIS ACCOUNT NUMBER WHEN MAKING INQUIRIES

COUNT NO.	P.O. NO.	LOCATION	LEASE AND WELL NO.	DATE OF JOB	JOB TICKET NO.						
3776	0250	10	N. GORDON # 10-A	08/20/1999	10934	ITEM NUMBER	DESCRIPTION	UNITS	UNIT PRICE	UNIT MEAS	EXTENDED PRIC
						5401	CEMENT PUMPER	1.0000	450.0000	EA	450
						5609	MISC PUMP CEMENT TRUCK	1.0000	100.0000	HR	100
						4402	2 1/2" RUBBER PLUG	1.0000	15.0000	EA	15
						5502	80 BBL VACUUM TRUCK	3.0000	50.0000	HR	150
						1118	PREMIUM GEL	4.0000	10.2500	SK	41
						1124	50/50 POZ CEMENT MIX	110.0000	7.2500	SK	797
						5407	BULK CEMENT DELIVERY/MIN BULK DEL	1.0000	100.0000	EA	100

ROSS INVOICE	TAX	
1653.50	54.62	

ORIGINAL INVOICE

*Thank You!*

PLEASE PAY

1708.12



# HUGHES DRILLING CO.

# COPY

Wellsville, Kansas 66092

913-883-2235  
Darrel 913-883-4027

Ron 913-883-4655  
Clay 913-883-4383

CORE TIME  
LEASE North Gorder #10 A  
FORMATION Bartlesville  
DATE: 2/19/99

(FROM) Chip Sample

FROM	FEET TO	TIME	MINUTES	REMARKS
877	878	} white Sdy Lime		
878	879			
879	880	~ Sdy Lime - (Little Bleeding Oil)		
880	881	} solid Sand (bleeding oil)		
881	882		880-882	
882	883	} Sand slightly lamin w/shale (bleeding oil)		
883	884			
884	885		882-886	
885	886			
886	887	- sand very lamin w/shale (some bleeding oil)		
887	888	} SHale		
888	889		(A few sand streaks 887-888)	
889	890			
890	891			
<p>(Best Perf Area)</p> <p>880-887</p> <p>CCH</p>				

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Wichita, Kansas