

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 4064  
Name Howard Operating & Producing Co.  
Address 406 W. Graywiler  
City/State/Zip Irving, Texas 75061

Purchaser

Operator Contact Person Calvin Howard  
Phone 214-721-9739

Contractor: License # 5824  
Name Reynolds Drilling Co., Inc.

Wellsite Geologist Melvin Endicott  
Phone 405-765-6616

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWWO: old well info as follows:  
Operator D.A.  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
12-10-84 12-23-84 12-23-84  
Spud Date Date Reached TD Completion Date  
4255' PBD  
Total Depth

Amount of Surface Pipe Set and Cemented at 251 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from 251 feet depth to 200 SX cmt

API NO. 15-191-21,772-00-00  
County Summer  
NW NW Sec. 36 Twp. 34S Rge. 1  
 East  West

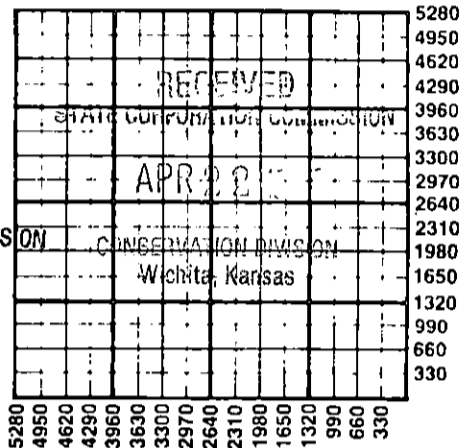
4620' Ft North from Southeast Corner of Section  
4620' Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Wolf Well # 1

Field Name

Producing Formation

Elevation: Ground 1130 KB 1141  
Section Plat KCC



RECEIVED  
STATE CORPORATION COMMISSION  
1-23-85  
JAN 23 1985  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater.....Ft North from Southeast Corner (Well) .....Ft West from Southeast Corner  
Sec Twp Rge  East  West  
 Surface Water.....Ft North from Southeast Corner (Stream, pond etc).....Ft West from Southeast Corner  
Sec Twp Rge  East  West  
 Other (explain).....  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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 Calvin Howard

Title Operator Date 1-3-85

Subscribed and sworn to before me this 21st day of JANUARY 1985  
Notary Public Sally C. Thompson

Date Commission Expires 2-11-85

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Sec. 36 Twp. 34S Rge. 1 W3

SIDE TWO

Operator Name Howard Operating & Producing Co. Lease Name Wolf Well # 1

Sec. 36 Twp. 34 S. Rge. 1  East  West County Sumner

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Name Top Bottom

SEE SAMPLES & LOGS

CASING RECORD <input checked="" type="checkbox"/> New <input 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
<u>Surface</u>	<u>—</u>	<u>8 5/8</u>	<u>23#</u>	<u>257</u>	<u>CRESA</u>	<u>200</u>	<u>3% CACA</u>
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
<u>DA</u>	<u>DA</u>			<u>DA</u>			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Size		Set At		Packer at	
<u>DA</u>							
Date of First Production		Producing Method					
<u>DA</u>		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			
	<u>DA</u>						

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed  Commingled

DA  
DA