



SIDE ONE

Ind.

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. Crawlyer
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 OWVO: 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'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 25' feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from 25' feet depth to 200' w/ 200' SX cmt

API NO. 15-191-21,772
County Sumner

..... NW NW Sec. 36 Twp. 34S Rge. 1
 East
 West

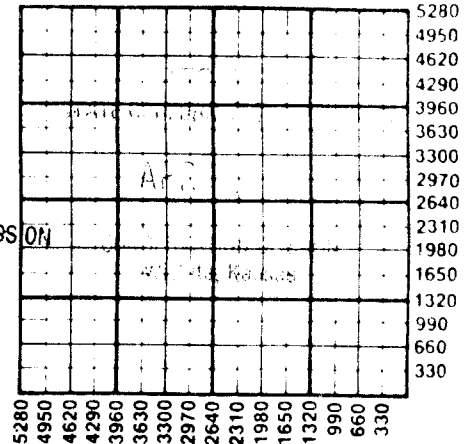
4620' Ft North from Southeast Corner of Section
4620' Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Wolf Well # 1

Field Name.....

Producing Formation.....

Elevation: Ground 1130 KB. 1141
Re 100
Section Plat



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 of
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.
copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with abandoned wells. Submit CP-111 form with all temporarily abandoned wells.

APR 29 1985
State Geological Survey
WICHITA BRANCH
RECEIVED
STATE CORPORATION COMMISSION

JAN 23 1985

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

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

APR 29 1985
 State Geological Survey
 WICHITA BRANCH

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
Surface	—	8 5/8	23#	257	CLASS A	200	3% CACK
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
DA	DA			DA			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production				Producing Method			
DA				<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....			
Oil		Gas		Water		Gas-Oil Ratio Gravity	