

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 # 5290
Name Hinkle Oil Company
Address 1016 Union Center Building
City/State/Zip Wichita, Kansas 67206

Purchaser

Operator Contact Person Orvie Howell
Phone (316) 267-0231

Contractor: License # 4083
Name Western Kansas Drilling, Inc.

Wellsite Geologist Orvie Howell
Phone (316) 267-0231

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
9-22-87 9-28-87 9-28-87
Spud Date Date Reached TD Completion Date
4220
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 324 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/SX cmt
Cement Company Name
Invoice #

API NO. 15-063-21,154-00-00
County Gove
NW NE SE Sec 28 Twp 11S Rge 26 East West

2310 Ft North from Southeast Corner of Section
990 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

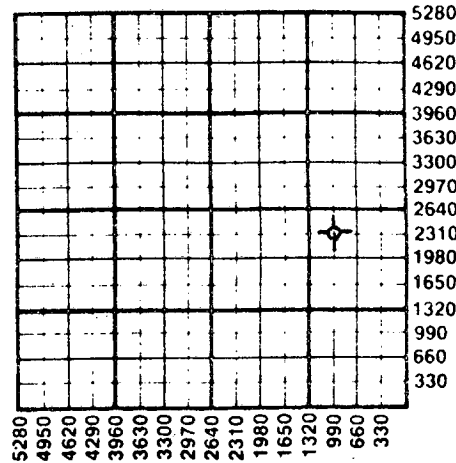
Lease Name Sanger Well # 1

Field Name Wildcat

Producing Formation

Elevation: Ground 2650 KB 2655

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 2640 Ft North from Southeast Corner (Stream, pond etc) 2640 Ft West from Southeast Corner Sec 34 Twp 11S Rge 26 East West

Other (explain) (purchased from city, R.W.D. #)

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. 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 Orvie Howell

Title General Manager/Geologist Date 9/29/87

Subscribed and sworn to before me this 29th day of September 1987

Notary Public Melanie Frieden

Date Commission Expires January 30, 1988

MELANIE FRIEDEN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 1-30-88

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
RECEIVED
STATE CORPORATION COMMISSION (Specify)
OCT 20 1987
10-20-1987
ACO-1 (5-86)
CONSERVATION DIVISION
Wichita, Kansas

Sec. 28 Twp. 11 Rge. 26

Operator Name Hinkle Oil Company Lease Name Sanger Well # 1

Sec. 28 Twp. 11S Rge. 26 East West County Gove

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

DST #1 4006-4030 Open: 30" - 30"
 Recovered 10' mud. FP: 65-76#, SIP:
 Not recorded.

DST #2 4100-4135 Open: 30" - 30"
 Recovered 15' mud. FP: 65-87#, SIP: 87#

Name	Top	Bottom
ANHYDRITE	2244	
TARKIO SAND	3485	
HOWARD	3645	
TOPEKA	3690	
HEEBNER	3904	
TORONTO	3925	
LANSING	3942	
BASE KANSAS CITY	4204	

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	12 1/4	8 5/8	20#	324	60-40 Posmix	215	3% CaCl ₂ , 2% Cel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		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	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION Production Interval

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