

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 # 04782
Name Ensign Operating
Address 621 17th St, Suite 1800
City/State/Zip Denver, CO 80293

Purchaser N/A

Operator Contact Person L. J. Hartnett
Phone (303) 293-9999

Contractor: License # 5107
Name H-30 Drilling, Inc.

Wellsite Geologist Duane Moredock
Phone (303) 629-7204

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
1-20-89 1-30-89 1-31-89
Spud Date Date Reached TD Completion Date
6050'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1510 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 # 011 Dvd

API No. 15-.....119-20-783-00-00
County.....Meade
C.E./2..NE..NW.. Sec.....13 Twp.....34 S Rge.....28 East
X West
4620 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

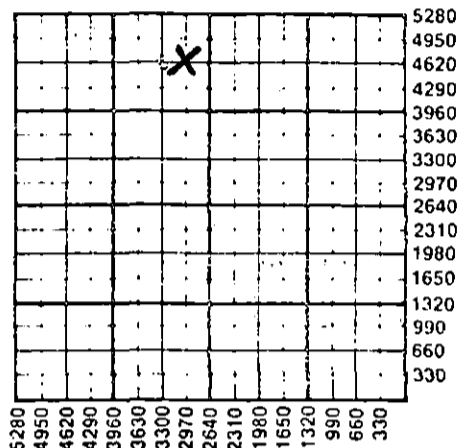
Lease Name.....Davis Well #.....1-13

Field Name.....

Producing Formation.....

Elevation: Ground.....2289' KB.....2301'

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 #.....T89-025
 Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West
 Surface Water.....2970 Ft North from Southeast Corner
(Stream, pond etc.).....2640 Ft West from Southeast Corner
Sec 13 Twp 34 Rge 28 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 complied with and the statements herein are complete and correct to the best of my knowledge.

Signature L. J. Hartnett
Title Manager, Operations Date 3/31/89

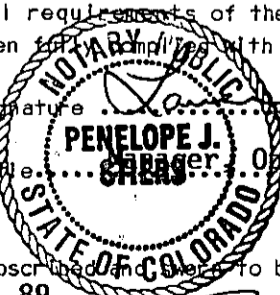
Subscribed and sworn to before me this 31 day of March 19 89
Notary Public Penelope J. Steier

Date Commission Expires My Commission expires October 21, 1991
621 17th St, Suite 1800
Denver, Colorado 80293

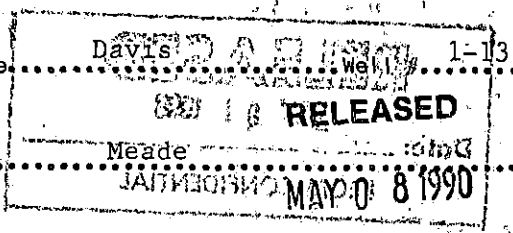
K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
4-5-89
Form ACO-1 (5-86)

Sub 3 T-34S Reg 28M

RECEIVED
STATE CORPORATION COMMISSION
APR 5 1989
CONSERVATION DIVISION
Wichita, Kansas



Operator Name Ensign Operating Lease Name



Sec. 13 Twp. 34S Rge. 28 East West

County Meade

WELL LOG

FROM CONFIDENTIAL

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: 5562-5601', Upper Atoka, 30-60-60-120.
 Press: HP 2683-2628, FP 32-32, 42-42, SIP 438-1142.
 Recovered 150' sli oil & gas cut mud, grind out, 10% gas, 5% oil, 85% mud.

DST #2: 5860-5940', 30-60-60-180.
 Press: HP 2956-2923, FP 202-202, 213-234, SIP 534-917, never broke over.
 Recovered 130' drilling mud, no shows.

Name	Top	Bottom
Sand	0	750'
Sand and Red Bed	750'	1,325'
Red Bed and Anhydrite	1,325'	1,510'
Shale and Lime	1,510'	1,925'
Lime and Shale	1,925'	5,601'
Lime	5,601'	5,675'
Lime and Shale	5,675'	6,050'
Rotary Total Depth		6,050'

LOG TOPS:

Hotchinson Salt	1866'
Chase Herington	2556'
Council Grove	2976'
Wabaunsee	3554'
Heebner	4360'
Lansing - KC	4476'
Marmaton	5190'
Cherokee	5376'
Atoka	5512'

Log Tops Cont'd:

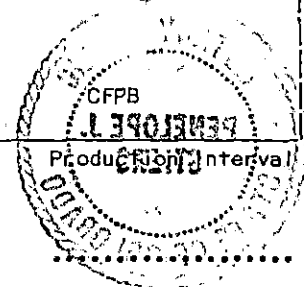
Morrow	5720'
Morrow Sand	5743'
Chester	5832'
Fincham	5852'
Chester Shale	5971'
Marker	

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"	24#	1510'	Lite Wt. Class C	450 150	2% cc 3% cc
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				Size	Set At	Packer at	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			

METHOD OF COMPLETION

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

Dually Completed
 Commingled



THIS IS NOT A VALID DOCUMENT UNTIL IT IS RECORDED IN THE PUBLIC RECORDS OF THE STATE OF OKLAHOMA