

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

3

API NO. 15-151-21,844-00-00  
County Pratt  
SW SW NW 8 29S 13 East  
..... Sec..... Twp..... Rge..... X West

Operator: License # 4782  
Name Ensign Operating Co.  
Address 621 17th St., Suite 1800  
City/State/Zip Denver, CO 80293

2970 Ft North from Southeast Corner of Section  
4950 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Purchaser None

Lease Name Barbee Well # 1

Operator Contact Person Mr. Larry Hartnett  
Phone 303-293-9999

Field Name

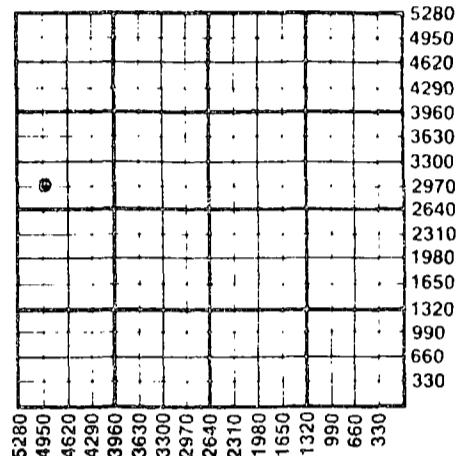
Producing Formation

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

Elevation: Ground 1955' KB 1960'

Wellsite Geologist Duane E. Moredock  
Phone (303) 629-2204

Section Plat



Designate Type of Completion  
X New Well Re-Entry Workover  
Oil SWD Temp Abd  
Gas Inj Delayed Comp.  
X Dry Other (Core, Water Supply etc.)  
If OWWG: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

WELL HISTORY

Drilling Method:  
X Mud Rotary Air Rotary Cable  
7-7-87 7-13-87 7-15-87  
Spud Date Date Reached TD Completion Date  
4827' PBDT 419  
Amount of Surface Pipe Set and Cemented at 419 feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt  
Cement Company Name  
Invoice #

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: T87-285  
Division of Water Resources Permit #

X Groundwater 2970 Ft North from Southeast Corner  
4950 Ft West from Southeast Corner of  
(Well) Sec 8 Twp 29S Rge 13 East X 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. #)

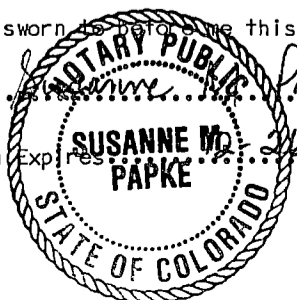
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.

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 [Signature] Title Manager, Operations Date 9/2/87

Subscribed and sworn to before me this 2d day of September 1987.  
Notary Public [Signature] Date Commission Expires 2-90



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)

SEP 4 1987

Sec 8 Twp 29S Rge 13W

SIDE TWO

Operator Name ..... Ensign Operating Co. .... Lease Name..... Barbee ..... Well #... 1-8 .....

Sec..... 8 ..... Twp..... 28S ..... Rge..... 13 .....  East  West ..... County..... Pratt .....

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
Shale, Shells and Sand	0	597'
Shale and Lime	597'	815'
Shale and Shells	815'	886'
Shale	886'	1,140'
Lime and Shale	1,140'	3,053'
Shale and Lime	3,053'	3,367'
Lime and Shale	3,367'	4,826'
Rotary Total Depth		4,826'

Tops - Logs

Heebner	3828'
Toronto	3854'
Lansing	4014'
Marmaton	4421'
Cherokee	4490'
Viola	4592'
Simpson	4651'
Arbuckle	4730'

CASING RECORD  New  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#	419'	60/40 Poz	250	3% cc 2% ge

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	NONE		

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
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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 Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
				CFPB	

METHOD OF COMPLETION

Production Interval

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