

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

S

API NO. 15-175-20,928-0000  
County Seward  
C SW NE Sec. 15 Twp 32S Rge 32 East  
X West

Operator: License # 4782  
Name Ensign Operating Co.  
Address 621 17th St., Suite 1140  
City/State/Zip Denver, CO 80293

3300 Ft North from Southeast Corner of Section  
1980 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Purchaser

Lease Name Raehr Well # 1-15

Operator Contact Person Larry Hartnett  
Phone (303) 293-9999

Field Name

Producing Formation

Elevation: Ground 2,832' KB 2,844'

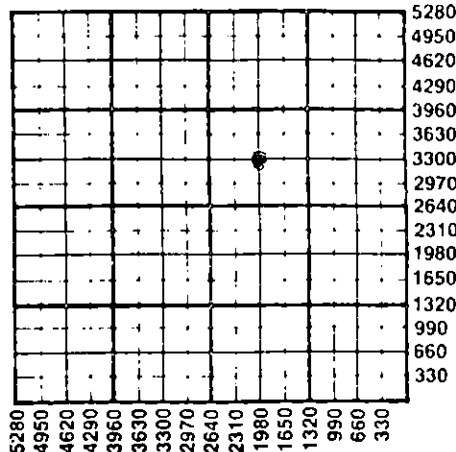
Contractor: License # 5107  
Name H-30, Inc.

Well Site Geologist Duane Moredock  
Phone 303-629-7204

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

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

WELL HISTORY

Drilling Method:  
X Mud Rotary Air Rotary Cable

12-26-86 1-6-87 1-6-87  
Spud Date Date Reached TD Completion Date  
6145' PBTD  
Total Depth

Amount of Surface Pipe Set and Cemented at 1638 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:  
Division of Water Resources Permit # T. 87-20

X Groundwater 3,200 Ft North from Southeast Corner  
(Well) 1,880 Ft West from Southeast Corner of  
Sec 15 Twp 32S Rge 32 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 Larry Hartnett

Title MANAGER, OPERATIONS Date 1/28/87

Subscribed and sworn to before me this 28 day of January  
Notary Public Susanne M. Papke  
SUSANNE M. PAPKE  
Date Commission Expires 12-26-90

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)

STATE CORPORATION COMMISSION

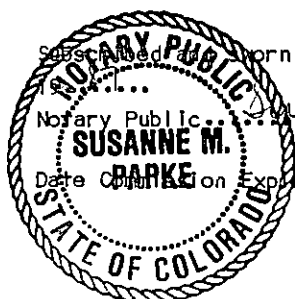
JAN 30 1987

CONSERVATION DIVISION  
Wichita, Kansas

1-30-87

Form ACO-1 (5-86)

Sec. 15 Twp 32S Rge 32E



SIDE TWO

Operator Name ..... Ensign Operating Co ..... Lease Name ..... Roehr ..... Well # 1-15 .....

Sec. 15 ..... Twp. 32S ..... Rge. 32 .....  East  West ..... County ..... Seward .....

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 4,366-4,385' (Lansing) 30,60,60,120  
 IFP - 100-111, ISIP-1272  
 FFP - 156-211, FSIP-1283  
 IHP - 2258, FHP - 2255, BHT 116°  
 Recovered 325' Muddy Water

Name	Top	Bottom
Red Bed	0	629'
Sand and Red Bed	629'	1,660'
Red Bed and Anhydrite	1,660'	1,770'
Red Bed	1,770'	2,220'
Red Bed, Shale & Anhy	2,220'	2,569'
Dolomite and Lime	2,569'	2,820'
Dolomite and Shale	2,820'	3,100'
Lime and Shale	3,100'	5,617'
Shale and Lime	5,617'	5,810'
Lime and Shale	5,810'	6,145'
Rotary Total Depth		6,145'

DST #2 5,845-5,880' (Lower STE Gen.)  
 30,60,60,120  
 IFP - 89-89, ISIP-211  
 FFP - 100-100, FSIP-266  
 IHP - 3165, FHP-2869, BHT 132°  
 Recovered 61' Drlg. Mud

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
Conductor	24"	16"		40'	3 1/2 yds	6 sks	grout
Surface	12-1/4"	8-5/8"	24#	1638'	Poz. 1	650	2% cc
					Class A	150	2% 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				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer at					
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		

METHOD OF COMPLETION

Production Interval

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

