

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

Purchaser

Operator Contact Person Larry Hartnett  
Phone 303-293-9999

Contractor: License # 5107  
Name H-30, 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 OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

Spud Date 1-11-87 Date Reached TD 1-20-87 Completion Date 1-20-87  
Total Depth 5900' PBTD

Amount of Surface Pipe Set and Cemented at 1684 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. 15-175-20,927-0000  
County Seward  
C SW Sec. 8 Twp 31S Rge 31E West  
1320 Ft North from Southeast Corner of Section  
3960 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

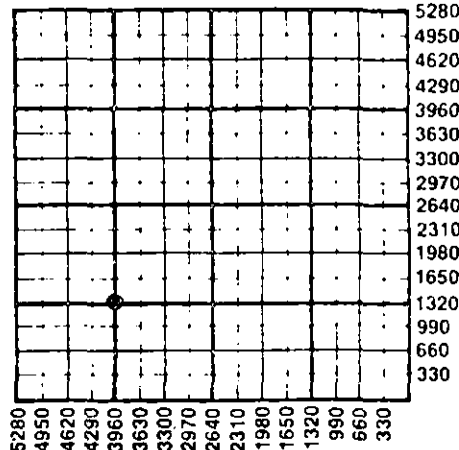
Lease Name Shepard Well # 1-8

Field Name Wildcat

Producing Formation

Elevation: Ground 2829' KB 2841'

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 # T87-4  
 Groundwater 1320 Ft North from Southeast Corner (Well) 3960 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 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 Lawrence T. Hartnett  
Title Manager, Operations Date 3-05-87

Subscribed and sworn to before me this 5th day of March 1987  
Notary Public

Date Commission Expires 9/12/90

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  
STATE CORPORATION COMMISSION  
Wichita, Kansas

Sec 2, Twp 31, Rge 31E

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

Sec. 8 ..... Twp. 31S ..... Rge. 31 .....  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

	Name	Top	Bottom
DST #1 - 5415-5485' Misrun Packer failed Recovered 660' drilling mud	Sand and Red Bed	0	1,118'
	Red Bed, Sand and Anhydrite	1,118'	1,695'
	Sand and Red Bed	1,695'	1,890'
	Red Bed and Shale	1,890'	2,370'
	Shale and Dolomite	2,370'	2,695'
	Lime and Shale	2,695'	4,027'
DST #2: 5395-5515'; 30,60,60,120 HP 1747-1703 SIP 416-416 FL 128-128, 171-171 BHT - 125° Recovered 65' drilling mud - no shows.	Shale and Lime	4,027'	4,265'
	Lime and Shale	4,265'	5,900'
	Rotary Total Depth		5,900'

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	26"	16"		40'	4 yards	6 sks.	cement
Surface	12-1/4"	8-5/8"	24#	1684'	Lite. Wt.	650	2% cc.
					Class. H.	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	
	N/A			N/A			
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
N/A							
Date of First Production	Producing Method						
N/A	<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

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

