

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

5

API NO. 15-.....175-21,064-0000.....

County.....Seward.....

C SE/4 SW? Sec. 24. Twp. 31S Rge. 32. X East
..... West

.....1320..... Ft North from Southeast Corner of Section
.....3860..... Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

Lease Name.....Covel Trust.....Well #. 2-24.....

Field Name.....Thirty-One SW.....

Producing Formation.....Morrow 5487-5520'.....

Elevation: Ground.....2839'.....KB.....2851'.....

Operator: License #4782.....
NameEnsign Operating Co.....
Address621 17th St., Suite 1800.....
City/State/ZipDenver, CO 80293.....

Purchaser.....Enron Gas Supply Company.....

Operator Contact PersonLarry Hartnett.....
Phone(303) 293-9999.....

Contractor: License #5107.....
NameH-30 Drilling, Inc.....

Wellsite Geologist.....None.....
Phone.....

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. DateOld Total Depth.....

WELL HISTORY

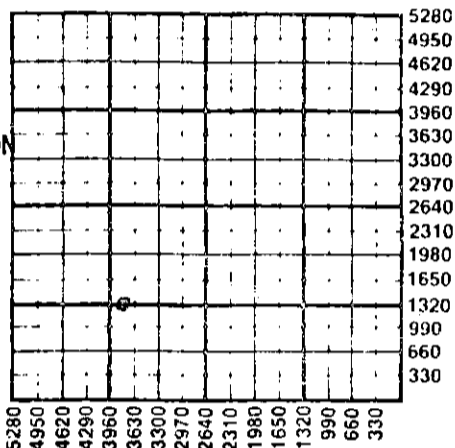
Drilling Method:
 Mud Rotary Air Rotary Cable
.....11-21-88..... 11-27-88..... 12-31-88.....
Spud Date Date Reached TD Completion Date
.....5600'..... 5563'.....
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at.....1676.....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 #

RECEIVED
STATE CORPORATION COMMISSION

JAN 10 1989
1-19-1989
CONSERVATION DIVISION
Wichita, Kansas

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 # J-88-579.....

Groundwater.....1320.....Ft North from Southeast Corner
(Well)3860.....Ft West from Southeast Corner of
Sec 26 Twp 31 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

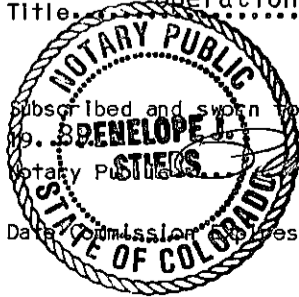
Other (explain).....
(purchased from city, R.W.D. #)

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
Title.....Operations Manager.....Date 1/13/89.....

Subscribed and sworn to before me this ..13th..day of..January...
19..89..
Notary Public.....
Date of Commission Expires.....My Commission expires October 21, 1991.
621 17th St. Suite 1800
Denver, Colorado 80293



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)
.....
1-19-89 X
Form ACO-1 (5-86)

Sec 24 Twp 31S Rge 32W

Operator Name Ensign Operating Co. Lease Name.....Covel Trust.....Well #.2-24..

Sec. 24 Twp. 31S 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

Name	Top	Bottom
Sand and Red Bed	0	581'
Red Bed and Sand	581'	1,306'
Sand, Red Bed and Anhydrite	1,306'	1,685'
Lime and Shale	1,685'	5,600'
Rotary Total Depth		5,600'

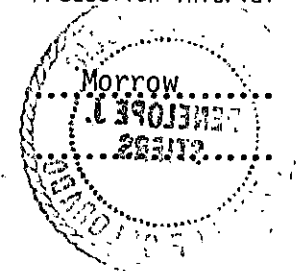
Windfield	2736'
Heebner	4202'
Lansing	4312'
Marmaton	4944'
Cherokee	5116'
Morrow	5435'
Chester	5524'

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#	1676'	Lite wt.	485	2% cc
Production	7-7/8"	4-1/2"	10.5#	5606'	Class H	325	2% cc 2% CBL 3% KCL .7%
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)	Depth		
4	5487-5493'						
4	5502-5506'						
4	5518-5520'						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2-3/8"		Set At 5520.75'		Packer at ---			
Date of First Production		Producing Method					
12/31/88		<input checked="" 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	
0 Bbls		1081 MCF	0 Bbls	---	CFPB		

METHOD OF COMPLETION

Production Interval

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



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