

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

API No. 15-.....055-20,594-0000.....
County.....**Finney**.....
.....NW ..NW Sec..10 Twp.24S Rge. 32.. X East
..... West

Operator: License #04782.....
Name**Ensign Operating Co.**.....
Address**621 Seventeenth Street**.....
.....**Suite 1800**.....
City/State/Zip**Denver, Colorado 80293**

...4460!... Ft North from Southeast Corner of Section
...4845!... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser.....**None**.....

Lease Name.....**Carp-Mayo A.**.....Well #..1-10.

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

Field Name.....

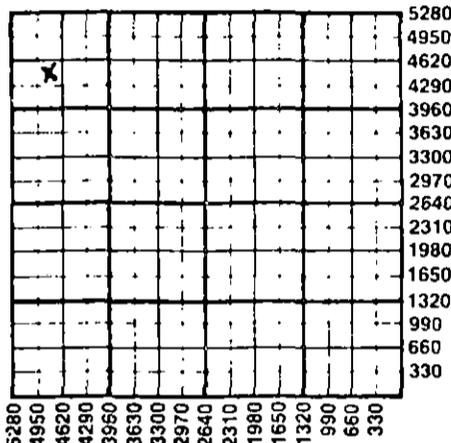
Producing Formation.....**None**.....

Contractor: License #5879.....
Name**J. B. Bohannon Drilg. Co.**.....

Elevation: Ground...**2826'**.....KB.....**2838'**.....

Wellsite Geologist.....**Ron Osterbuhr**.....
Phone.....**(316) 276-8145**.....

Section Plat



Designate Type of Completion
 New Well ___ Re-Entry ___ Workover

___ Oil ___ SWD ___ Temp Abd
___ Gas ___ Inj ___ Delayed Comp.

Dry ___ Other (Core, Water Supply etc.)

If OWNO: old well Info as follows:
Operator
Well Name
Comp. DateOld Total Depth.....

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 #.....

___ Groundwater.....Ft North from Southeast Corner
(Well) 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. #)

WELL HISTORY

Drilling Method:
 Mud Rotary ___ Air Rotary ___ Cable

...**3/6/85**... ...**3/15/85**... ...**6/19/85**...
Spud Date Date Reached TD Completion Date

...**4950'**... ...**3050'**...
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at **1859** 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 #
AIR I OPA

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.....**Manager, Operations**..... Date **5/24/88**.....

Subscribed and sworn to before me this **24** day of **May**.....
19 **88**.....
Notary Public.....
Date **5/24/88**..... 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
RECEIVED _____ SWD/Rep _____ NGPA
CORPORATION COMMISSION _____ Plug _____ Other _____
(Specify)
MAY 27 1988
5-27-88

CONSERVATION DIVISION
Wichita, Kansas
5-27-88

Sec. 10, Twp. 24, Rge. 32

Operator Name **Ensign Operating Co.** Lease Name **Carp-Mayo** Well # **1-10**

Sec. **10** Twp. **24S** Rge. **32** East West County **Finney**

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: **Marmaton Fm - 4426-4447'. 30-60-60-120 minutes. Opn weak blow, increasing to good blow on IO. Opn with good blow, increasing to strong blow on FO. Recovered 90' oil, 65' OGCM, no wtr. Pressures: HP 2180-2163, IFP 34-50, FFP 84-84, ISIP 956 building, FSIP 1225 building, BHT 110 F.**

DST #2: **St. Louis C Zone - 4850-4890'. 15-60-120 minutes. Weak blow increasing to 2" in bucket on IF. Weak blow, 3/4" in bucket on FF. Pressures: IFP 81-81, SIP 1238-1205, FFP 114-146, HP 2364-2364. Recovered 140' VS OCM, 10' Mud, 50' WCM.**

DST #3: **Cherokee Fm - 4586-4635'. 20-60-15-60 minutes. Opn weak blow, died in 18 min on IF. No blow on FF. Pressures: IFP 65-48, SIP 895-667 building, FFP 48-48, HP 2234-2234. Recovered 40' Mud.**

Name	Top	Bottom
Chase	2505'	
Council Grove	2814'	
Heebner	3853'	
Toronto	3871'	
Lansing	3946'	
Base Kansas City	4390'	
Marmaton	4415'	
Pawnee	4493'	
Fort Scott	4523'	
Cherokee	4534'	
Morrow	4716'	
St. Louis	4766'	
TD	4950'	

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....	.....	..1859'..	..Lite Wt..	..700..	..2% CaCl.....
..Production...	..7-7/8..	....5-1/2....	.....	..3050'..	..Glass H..	..200..	..3% CaCl.....
					..Dowell..	..200..	.....
					..Lite		
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.....	..2831-43'			Acid...3000 gallons.....		..2831'..	
...2.....	..2864-66'			15% HCl...Frac...100,000		..in...	
...1.....	..2922-24'			gallons Gel...200,000#		..2924'..	
.....	.....			10/20 sand.....		.....
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
None		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	
N/A		Bbls	N/A	MCF	N/A	Bbls	N/A
							CFPB

METHOD OF COMPLETION

Production Interval

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

Dually Completed
 0001 2102 12 01 1980
 80208 030100 700000

