

Incl

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 Company
Address 621 17th St., Suite 1140
City/State/Zip Denver, CO 80293

Purchaser

Operator Contact Person Lee Mossel
Phone (303) 293-9999

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

Wellsite Geologist Jeff Burk
Phone 316 263-2043

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
3-3-86 3-9-86 3-10-86
Spud Date Date Reached TD Completion Date
3350'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 400 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. 15-167-22-735
County Russell
SE NW SW 24 13S 15 East
Sec Twp Rge XX West

1650 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Kilian "B" Well #

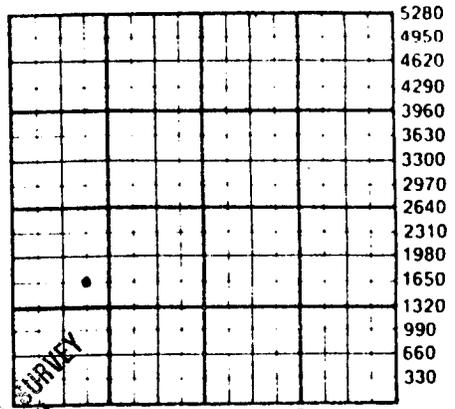
Field Name

Producing Formation

Elevation: Ground 1846' g] 1851' KB

Section Plat

APR 29 1986
WICHITA COUNTY



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 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 duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 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.

Operator Name Ensign Operating Co. Lease Name Kilian "B" Well # 1

Sec. 24 Twp. 13S Rge. 15 East West County Russell

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

Kilian 'B'

Log Tops: HEEBNER 2966 (-1112)
 TORONTO 2984 (-1130)
 DOUGLAS 2998 (-1144)
 LANSING 3020 (-1166)
 B/KANSAS CITY 3220 (-1366)
 ARBUCKLE 3274 (-1420)
 TD 3353 (-1499)

DST-NO.1- 3022-3074, 15/30/60/60, Rec. 150' WCM
 W/sli show oil, 180' Muddy Wtr. IHP:
 1642, IFP 83-83, ISIP 416, FFP 135-208,
 FSIP 395, FHP 1611.

DST-NO.2- 3260-3290, 30/30/90/90, Rec. 30' sli
 OCM W/6" free live Arbuckle oil, IHP
 1800, IFP 33-21, ISIP 416, FFP 31-31,
 FSIP 727, FHP 1784.

DST-NO.3- 3261-3307, 30/30/90/90, Rec. 145' sli
 OCMW, 185' very sli OCMW, IHP 1796, IFP
 62-93, ISIP 914, FFP 104-187, FSIP 956,
 FHP 1756

APR 29 1968
 KANSAS GEOLOGICAL SURVEY
 WICHITA DIVISION

Name	Top	Bottom
rock	0	40'
shale, rock	40'	162'
shale, sand, pyrite	162'	401'
sand	401'	413'
shale, red bed	413'	908'
anhydrite	903'	942'
shale	942'	1525'
shale, lime	1525'	1845'
lime, shale	1845'	2065'
shale, lime	2065'	2965'
lime, shale	2965'	3350'

Rotary total depth 3350'

CASING RECORD <input 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 23# 400'	60/40 poz	... 200	3% cc. 2% gel.
.....
.....
.....
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					