

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. 15-007-22,147-00-00

County... Barber

..C... NW.. SE.. Sec. 14.. Twp 31S.. Rge. 10.. X East West

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

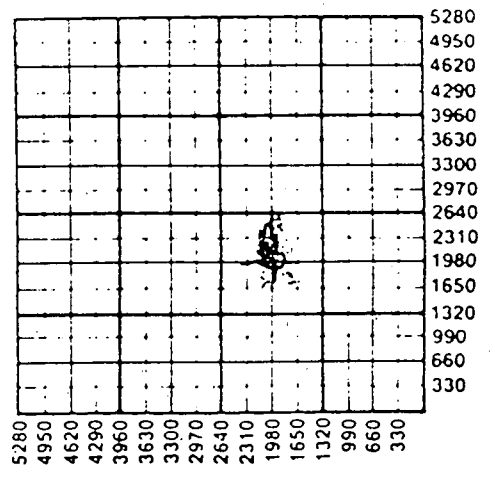
Lease Name..... Rankin..... Well #... 1....

Field Name..... None

Producing Formation.....

Elevation: Ground..... 1736..... KB..... 1741

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: _____ Disposal
Docket # _____ Re-pressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # 86-402

Groundwater..... Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge East West

X Surface Water 1980 Ft North from Southeast Corner
(Stream, pond etc) 1980 Ft West from Southeast Corner
Sec 14 Twp 31S Rge 10 East X West

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

Operator: License # 5050
Name Hummon Corporation
Address 400 One Main Place
City/State/Zip Wichita, KS 67202

Purchaser.....

Operator Contact Person Kenneth S. White
Phone 316-263-8521

Contractor: License # 5107
Name H-30, Inc

Wellsite Geologist Don Beauchamp
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. Date..... Old Total Depth.....

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

12-04-86..... 12-12-86..... 12-12-86.....
Spud Date Date Reached TD Completion Date
..... 4575'.....
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 262 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 Allied Cementing
Invoice #.....

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-11 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 Kenneth S. White
Title Vice President Date 1/7/86

SANDRA L. MENDOZA
NOTARY PUBLIC
My Appl. Exp. 1989
Notary Public Sandra L. Mendoza

Date Commission Expires February 13, 1990

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
STATE CORPORATION COMMISSION
FEB 10 1987

Operator Name Hummon Corporation Lease Name Rankin Well # J

Sec. 14 Twp. 31S Rge. 10 County Barber

East
 West

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 #1-3654-3666 (Douglas Lime)-30/45/90/90
 Rec. 40' gas cut mud/scum of oil
 Strong blow, GTS in 23 mins., 1st open-31,900 CFG
 2nd open-33,200 CFG in 10 mins., 31,900 CFG in 20 mins., 35,500 CFG in 60 mins. & stable.
 FP 11/11 23/23 SIP 1299/1276
 DST #2-3666-3680 (Douglas Lime)-30/45/90/90
 Fair increasing to good blow. Rec. 60' gas in pipe, 70' oil and gas cut watery mud (20% oil, 20% water, 60% mud), 30' slightly oil cut muddy water (70% water, 25% mud, 5% oil). FP 35/35 47/47
 SIP 1113/1102
 DST #3-4513-4524 (Mississippi)-30/45/120/90
 Strong blow, no gas. Rec. 45' slightly oil cut mud, 5% oil. FP 21/21 31/31 SIP 191/288
 DST #4-4524-4540 (Mississippi)-30/45/30/45
 Rec. 45' very slightly oil cut mud.
 FP 42/42 53/53 SIP 773/491

Name	Top	Bottom
Sand	0	165'
Red Bed	165'	265'
Sand, Shale and Lime	265'	747'
Shales and Shells	747'	1,255'
Shale and Lime	1,255'	1,775'
Lime and Shale	1,775'	4,420'
Lime	4,420'	4,525'
Lime and Shale	4,525'	4,575'
Rotary Total Depth		4,575'

CASING RECORD New 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"	20#	262'	60/40 Poz	175	3% cc 2% gel

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No

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 CFPB

METHOD OF COMPLETION

Production Interval

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

NOTICE OF INTENTION TO DRILL

(see rules on reverse side)

Starting Date November 30, 1986 month day year 352

API Number 15-007-22,147-00-00

OPERATOR: License # 5050 Name HUMMON CORPORATION Address 400 One Main Place City/State/Zip Wichita, Kansas 67202 Contact Person Kenneth S. White Phone (316)263-8521

C NW SE Sec. 14 Twp. 31 S, Rg. 10 East 1980 Ft. from South Line of Section 1980 Ft. from East Line of Section

CONTRACTOR: License # 5107 Name H-30 Drilling, Inc. City/State Wichita, Kansas

(Note: Locate well on Section Plat on reverse side)

Nearest lease or unit boundary line 660 feet County Barber

Lease Name Rankin Well # 1 Ground surface elevation 1735 EST feet MSL

Domestic well within 330 feet: yes X no Municipal well within one mile: yes X no

Depth to bottom of fresh water 100 Depth to bottom of usable water 200

Surface pipe by Alternate 1 X 2 Surface pipe planned to be set 250

Conductor pipe required none Projected Total Depth 4500 feet

Formation MISSISSIPPI

Well Drilled For: X Oil SWD Infield X Mud Rotary Gas Inj Pool Ext Air Rotary OWWO Expl X Wildcat Cable

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

I certify that well will comply with K.S.A. 55-101, et seq., plus eventually plugging hole to KCC specifications. Date 11/26/86 Signature of Operator or Agent Kenneth S. White Title Vice President

For KCC Use: Conductor Pipe Required feet; Minimum Surface Pipe Required 200 feet per Alt. This Authorization Expires 5-26-87 Approved By 11-26-86

12-4-86 TD 4500 - 250 + 85/8 hard water

C NW SE Sec. 14 Twp. 31 S, Rg. 10 East 1980 Ft. from South Line of Section 1980 Ft. from East Line of Section

PLUGGING PROPOSAL IF ABOVE IS D & A

This plugging proposal will be reviewed and approved or revised at the time the district office is called prior to setting surface casing (call 7 a.m. to 5 p.m. workdays).

1st plug @ 900 feet depth with 40 sxs of 60/40 Poz 2% gel, 3% CC 2nd plug @ 280 feet depth with 50 sxs of 3rd plug @ 0-40 feet depth with 10 sxs of 4th plug @ feet depth with sxs of 5th plug @ feet depth with sxs of (2) Rathole with 15 sxs (b) Mousehole with 10 sxs

PUSHER Rick Davis TD 4550 FORMATION MISS SURFACE PIPE 8 5/8 @ 263 ANHYDRITE 1330 ELEVATION 1735 STARTING TIME & DATE 12-13-86 12:00 PM COMPLETION TIME & DATE 12-13-86 2:00 PM 1st PLUG @ 900' FT. W/ 50 SX 2nd PLUG @ 300 FT. W/ 50 SX 3rd PLUG @ 40-0 FT. W/ 10 SX 4th PLUG @ FT. W/ SX RAT HOLE CIRCULATED W/ 15 SX MOUSE HOLE CIRCULATED W/ SX WATER WELL PLUGGED W/ Hard - CEMENT COMPANY (Accred) TECHNICIAN 6040670

RECEIVED STATE CORPORATION COMMISSION

JAN 5 1987

CONSERVATION DIVISION Wichita, Kansas