

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 # 4139
Name H.J. Energy Company
Address 2401 Nowata Place, Suite 104
City/State/Zip Bartlesville, Ok, 74006

Purchaser Fairway Crude
Chanute, Ks.

Operator Contact Person Harry R. Johnson
Phone (918) 333-9393

Contractor: License # 5492
Name Central Plains Drilling

Wellsite Geologist Loren D. Schmidt
Phone (918) 333-9393

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
5/16/87 5/23/87 06/01/87
Spud Date Date Reached TD Completion Date
1173
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 40 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated
from 1173 feet depth to surface/130 SX cmt

API NO. 15-207-25,518
County Woodson
NW NE SW Sec. 16 Twp. 26 Rge. 16 East West

2620
3370 Ft North from Southeast Corner of Section
Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

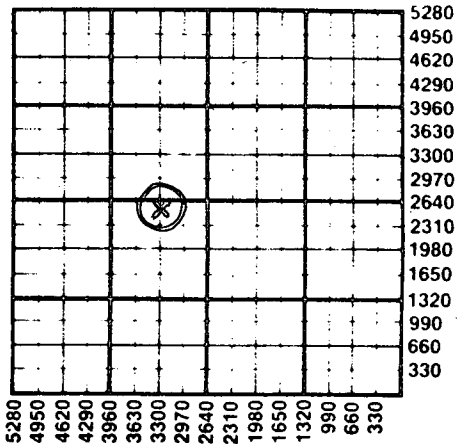
Lease Name Young "A" Well # 23

Field Name East Rose Unit

Producing Formation Cattleman ss.

Elevation: Ground 1015 KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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 Chanute Ks. (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.

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 Harry R. Johnson
Title President Date 07/14/87

Subscribed and sworn to before me this 14th day of July 1987.
Notary Public Sarah J. McClure

Date Commission Expires 4-18-89

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)

RECEIVED
JUL 20 1987
WICHITA, KANSAS

Sec 16 Twp 26 Rge 16 E

SIDE TWO

Operator Name HJ Energy Company Lease Name Young "A" Well # 23

Sec. 16 Twp. 26S Rge. 16 East West County Woodson

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 |
|--------------------|------|-----------|
| Douglas Gp. | 0 | 164 |
| Lansing Gp. | 1164 | 421 |
| Kansas City Gp. | 421 | 605 |
| Pleasanton Sh. | 605 | 710 |
| Lenapah Ls. | 710 | 714 |
| Shale | 714 | 740 |
| Altamont Ls. | 740 | 750 |
| Weiser Ss. | 750 | 794 |
| Shale | 794 | 840 |
| Pawnee Ls. | 840 | 867 |
| Shale | 867 | 890 |
| Ft. Scott Ls. | 890 | 914 |
| Cherokee Sh. | 914 | |
| Shale | 914 | 964 |
| Lower Squirrel Ss. | 964 | 980 |
| Shale | 980 | 1111 |
| Cattleman Ss. | 1111 | 1140 |
| Shale | 1140 | 1173 T.D. |

| CASING RECORD <input type="checkbox"/> New <input checked="" 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 |
| Surf | 10 3/4 | 8 5/8 | | 40 | Portland | 7 | |
| Production | 6 1/2 | 4 1/2 | 9.5 | 1166 | 50/50 pozmix | 130 | |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | | Depth | |
| 1 | 1116 - 1126 | | | Frac w/2800# 12/20 and 16/30 sand cross link polymer gel | | 1116 | |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| Date of First Production | | Size | Set At | Packer at | | | |
| 6/23/87 | | 2 7/8 | 1100 | None | | | |
| Date of First Production | | Producing Method | | | | | |
| 6/23/87 | | <input type="checkbox"/> Flowing <input checked="" 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 | | |
| | 2 Bbls | NA MCF | 80 Bbls | NA CFPB | 28 | | |

METHOD OF COMPLETION

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 1110 - 1140
 Used on Lease Dually Completed
 Commingled