

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License #4139.....
 Name ..HJ Energy Company.....
 Address2401 Novata Place.....
Suite 104.....
 City/State/Zip ..Bartlesville, Ok....74006

Purchaser.....Fairway Crude.....
Chanute, Ks.....

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

Contractor: License #5492.....
 NameCentral 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. DateOld Total Depth.....

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

..06/03/87.. ..06/07/87.... ..06/17/87....
 Spud Date Date Reached TD Completion Date
1220.....
 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...1220....feet depth to SURFACE w/ 175 SX cmt

API NO. 15-.....207...25...515...0000.....

County.....Woodson.....

SW SE SW Sec. 16 Twp. 26 Rge. 16 ☒ East

☐ West

3000

.....Ft North from Southeast Corner of Section

3620

.....Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

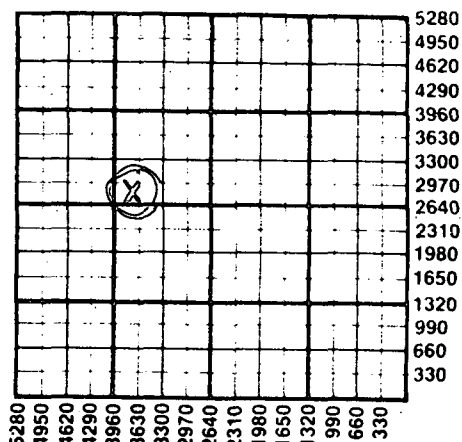
Lease Name.....McGregor.....Well #.....14.....

Field Name.....East Rose Unit.....

Producing Formation.....Cattleman Ss.....

Elevation: Ground.....1040.....KB.....

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 #.....

☐ 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, Kansas
 (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.

SignatureHarry R. Johnson.....

Title.....President.....Date ..07/14/87..

Subscribed and sworn to before me this 14th day of July.....
 19..87..

Notary Public.....Sarah J. McChesney.....

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)

Form ACO-1 (7-84)

RECEIVED
 JUL 20 1987
 CONSERVATION DIVISION
 WICHITA, KANSAS

Sec. 1, Twp. 26, Rge. 16 E

SIDE TWO

Operator Name HJ Energy Company Lease Name.....McGregor.....Well #.14.....

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 Group	0	162
Lansing Group	162	438
Kansas City Gp.	438	621
Pleasanton Sh.	621	730
Lenapah Ls.	730	735
Shale	735	756
Altamont Ls.	756	768
Shale	768	852
Pawnee Ls.	852	880
Shale	880	905
Ft. Scott Ls.	905	932
Cherokee Group	932	
Shale	932	982
Lower Squirrel Ss.	982	993
Shale	993	1032
Verdigris Ls.	1032	1035
Shale	1035	1121
Cattleman Ss.	1121	1155
Shale	1155	1220 T.D.

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	10 3/4	8 5/8		40	Portland	7	None
Production	6 1/2	4 1/2	9.5	1192	50/50 pozmix	175	

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	1121 - 1142	Frac w/3200# 12/20 sand cross link polymer gel	1121

TUBING RECORD

Size 2 7/8

Set At 1100

Packer at none

Liner Run

☐ Yes ☒ No

Date of First Production

June 29, 1987

Producing Method

☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	3 Bbls	NA MCF	80 Bbls	NA CFPB	28

METHOD OF COMPLETION

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

Production Interval

1121 - 1154