

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. 15-129-20,997

County... Morton

...C... SW... SE... Sec. 4... Twp. 31S... Rge. 40... East
...X... West

660
1980
Ft North from Southeast Corner of Section
Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

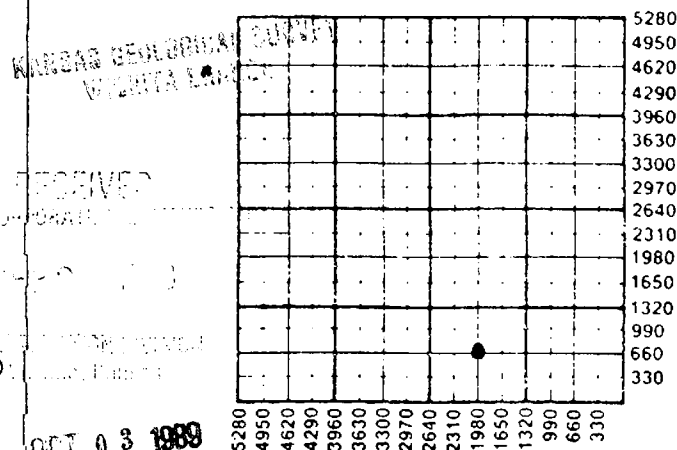
Lease Name... Frazee... Well #... 4-1

Field Name... Will-Bros (Morrow)

Producing Formation... Morrow

Elevation: Ground... 3280'... KB... 3290'

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

X Other (explain) Purchased from Mr. Charles Williams

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

Rt. 2, Box 34, Johnson, Kansas 67853

Operator: License # 5703
Name J. M. Huber Corporation
Address 7120 I-40 West, Suite 232

City/State/Zip Amarillo, Texas 79106

Purchaser Gas - Enron
Oil - Petro Sources

Operator Contact Person William D. Siddens
Phone (806) 353-9837

Contractor: License # 3363
Name Service Drilling Co.

Wellsite Geologist N/A
Phone

Designate Type of Completion

X New Well Re-Entry Workover

X 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:
X Mud Rotary Air Rotary Cable

6-29-84 7-10-89 7-25-89
Spud Date Date Reached TD Completion Date

5475' 5428'

Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1700 feet

Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set feet

If alternate 2 completion, cement circulated

from feet depth to w/ SX cmt

Cement Company Name Halliburton

Invoice # N/A

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 QP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

Operator Name J. M. Huber Corporation Lease Name Frazee Well # 4-1Sec. 4 Twp. 31S Rge. 40 ☐ East ☒ West County Morton

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
B/Heebner		3679'
Lansing	3784'	
Marmaton	4384'	
Cherokee	4570'	
Cherokee/Marker	4730'	
Morrow	4968'	
Miss/Chester	5403'	

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
Conductor	40"	20"		40'	Grout	4 yds	
Surface	12-1/4"	8-5/8"	24	1700'	Class H	200	2% CaCl
Production	7-7/8"	5-1/2"	14	1st Stage	50/50POZ	290	2% gel, 10% salt, 10% gel, 10% salt, 10% gel, 10% salt
		DV @	3017'	2nd Stage	50/50POZ	325w/same additives	40.75% CFR-2

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	5073-79'		

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☒ No
	2-3/8"	4997'	4997'		

Date of First Production	Producing Method
7-25-89	☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	247	208	0	842:1	
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

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

☐ Dually Completed
☐ Coningled

.....5073-79'.....