

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 # 5703  
Name J. M. Huber Corporation  
Address 7120 I-40 West, Suite 232  
City/State/Zip Amarillo, Texas 79106

Purchaser Northern Natural Gas Pipeline  
Permian Oil Company

Operator Contact Person Robert R. Glenn  
Phone 806/353-9837

Contractor: License # NA  
Name Gabbert-Jones Drilling Company

Wellsite Geologist NA  
Phone NA

Designate Type of Completion  
New Well Re-Entry Workover  
X Oil SWD Temp Abd  
X Gas Inj Delayed Comp.  
Dry Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:  
X Mud Rotary Air Rotary Cable  
8-15-60 NA 9-10-60  
Spud Date Date Reached TD Completion Date  
6274' 6136'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1400 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 NA  
Invoice # NA

API NO. 15-119-10260-00-00  
County Meade  
NE Sec. 23 Twp. 34S Rge. 27 East  
X West

3860 Ft North from Southeast Corner of Section  
1320 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

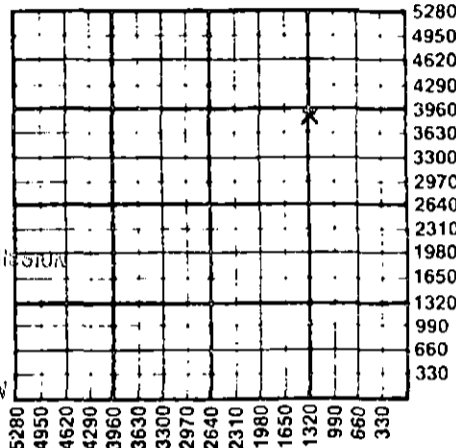
Lease Name Merkle Well # 1

Field Name McKinney

Producing Formation Chester

Elevation: Ground 2427' KB 2438'

Section Plat



8-7-87  
RECEIVED  
AUG 7 1987  
STATE CORPORATION COMMISSION  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: X Disposal  
Docket # C 21,232 Repressuring

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

Source of Water: NA  
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

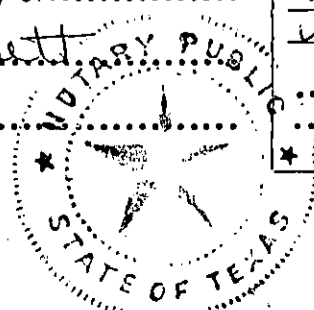
Other (explain)  
(purchased from city, R.W.D. #)

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 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 Robert R. Glenn  
Title District Production Manager Date 8-5-87

Subscribed and sworn to before me this 5th day of August 1987  
Notary Public Deniese L. Barnett  
Date Commission Expires 6-26-89



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)

Sec. 83 Rwp. 34 Rge. 27 E

SIDE TWO

Operator Name ..... J. M. Huber Corporation ..... Lease Name..... Merkle ..... Well #..... 1.....

Sec..... 23 ..... Twp..... 34S ..... Rge..... 27 .....  East  West ..... County..... Meade .....

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
Anhydrite	1380'	
Marmaton	5500'	
Cherokee	5640'	
Atoka	5818'	
Morrow	5966'	
Miss. Chester	5997'	
TD	6274'	

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	12.25"	8.625"	22.7	1400	Poz. mix.	900	2% CaCl
Production	7.875"	5.500"	15.5	6219	Class H.	200	None
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	6114-6132'			1500 gal. 15% acid; 20000 gal. Acid & 2000# rock salt		6114-6132'	
4	6020-6026'						
4	6035-6039'			3051 gal. 15% acid; 15000 gal. Water frac. & 15000# 20/40 sd		6020-6026' & 6035-6039'	
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2.375"	6119'				
Date of First Production		Producing Method					
October 20, 1960		<input checked="" type="checkbox"/> Flowing <input 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	
		33 Bbls	3802 MCF	0 Bbls	115,212 CFPB	NA	

METHOD OF COMPLETION

Production Interval

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

6114-6132'  
 6020-6026'  
 6035-6039'