

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. 15-087-20088-00-00

County...JEFFERSON

NE 1/4 SE 1/4 Sec. 1 Twp. 10 Rge. 19 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)

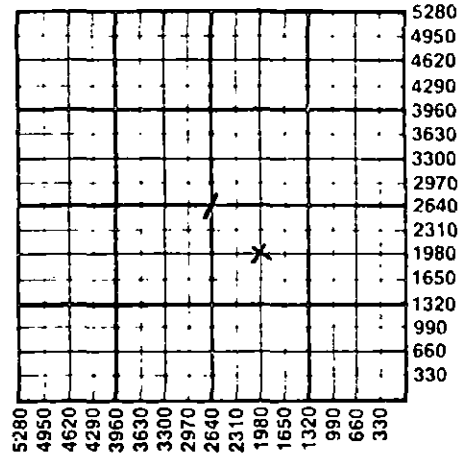
Lease Name...HEEK Well #...7

Field Name...MCLOUTH WEST

Producing Formation.....

Elevation: Ground...1069 KB...1075

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal 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 city, R.W.D. #)

Operator: License # 6192  
Name...NORMAN R. HAMM  
Address...Box 17  
City/State/Zip...PERRY, KANSAS 66213

Purchaser...ROSS PIPELINE CO. INC.

Operator Contact Person...N. RORLEY HAMM  
Phone.....

Contractor: License # 6192  
Name...N.R. HAMM CONTRACTOR, INC.

Wellsite Geologist...SLOVE  
Phone.....

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

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

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable  
5-28-84 Spud Date Date Reached TD Completion Date 6-11-84  
1550 Total Depth PBTD 1543

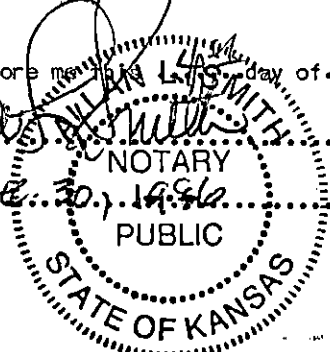
Amount of Surface Pipe Set and Cemented at 275 feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated from.....feet depth to.....w/.....SX cmt  
Cement Company Name  
Invoice #

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... [Signature] Title... VICE PRESIDENT Date... 8-4-86

Subscribed and sworn to before me on 4th day of August 1986  
Notary Public... [Signature] Date Commission Expires... Dec 30, 1996



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)

8-6-86 AUG 6 1986

Sec. 1 Twp. 10 Rge. 19 E

Operator Name NORMAN R. HAMM Lease Name HECK Well # 7

Sec. 1 Twp. 10 Rge. 19  East  West County JEFFERSON

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
Mcouth Sand	1508	1540

Open Holed into Mississippian Formation for SWD  
 Depts 1700'

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
<i>SURFACE Production</i>	<i>12 1/4</i>	<i>8 5/8</i>	<i>22</i>	<i>225</i>	<i>Class</i>	<i>125</i>	<i>3% Gal</i>
	<i>7 7/8</i>	<i>5 1/2</i>	<i>16</i>	<i>1543</i>		<i>250</i>	<i>3% Gal</i>
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size <i>2 7/8</i> Set At <i>1520</i> Packer at <i>1520</i>					
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	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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