

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 # 5313  
Name F & M OIL CO., INC.  
Address 422 Union Center  
Wichita, Kansas 67202  
City/State/Zip

Purchaser: None

Operator Contact Person: Ronald S. Schraeder  
Phone (316) 262-2636

Contractor: License # 5103  
Name Union Drilling Co., Inc.

Wellsite Geologist: Phil Askey  
Phone (316) 262-2636

Designate Type of Completion  
X New Well Re-Entry Workover  
Oil SWD Temp Abd  
Gas Inj Delayed Comp.  
XX 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  
2-11-86 2-21-86 2-21-86  
Spud Date Date Reached TD Completion Date  
3617' None  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 338 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 #

API NO. 15-165-21,353-0000  
County: Rush  
SW NE NE Sec. 19 Twp 16S Rge 18W East West

4290 Ft North from Southeast Corner of Section  
990 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

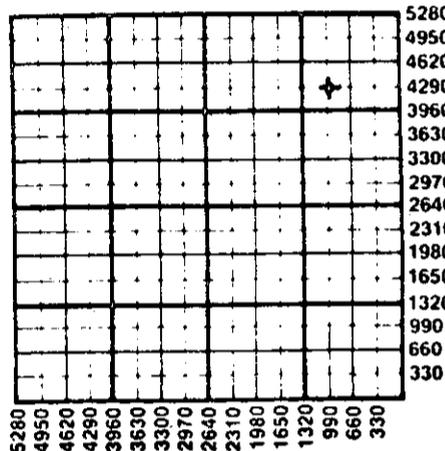
Lease Name: Haas "A" Well # 1

Field Name: Unkown

Producing Formation: None

Elevation: Ground 2019' 2029' 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  
XX Surface Water 4290 Ft North from Southeast Corner (Spring, pond, etc.) 990 Ft West from Southeast Corner Sec 19 Twp 16S Rge 18W East West  
Other (explain) (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: Ronald S. Schraeder  
Title: Operations Manager Date: 2-20-86

Notary Public: Shirley A. Robinson  
Date Commission Expires: 12-24-88

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Time Log Received  
Distribution: KCC SWD/Rep NGPA, KGS Plug Other (Specify)

MAR 21 1986

Sec. 19 Twp 16. Rge 18W

SIDE TWO

Operator Name ..... F & M OIL CO., INC. ..... Lease Name ..... Haas "A" ..... Well # ..... 1 A

Sec. .... 19 ... Twp. .... 16S ... Rge. .... 18W .....  East  West ..... County ..... Rush .....

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

DST#1 3185-3215', Topeka  
 30-30-30-30, vry wk blow on both opns, rec 100' thin mud, IFP 94-84#, ISIP 1018#, FFP 94-84#, FSIP 976#, HP's 1644-1633#.

DST#2 3265-3325', Toronto & Lansing  
 30-30-30-30, wk blow died in 25" on 1st opn, no blow on 2nd opn, rec 10' mud, IFP 73-73#, ISIP 105#, FFP 73-73#, FSIP 84#, HP's 1759-1759#, BHT 100'.

DST#3 3330-3350', Lans. 30' zone  
 30-45-60-45, fr blow 4 inches on both opns, rec 360' GCW, IFP 73-94#, ISIP 987#, FFP 136-178#, FSIP 892#, HP's 1738-1675#, BHT 106'.

DST#4 3354-3395', Lans. 50' & 70' zones  
 30-30-30-30, vry wk blow on both opns, rec 60' mud w/a scum of oil on top, IFP 105-84#, ISIP 924#, FFP 105-84#, FSIP 819#, HP's 1780-1757#, BHT 102'.

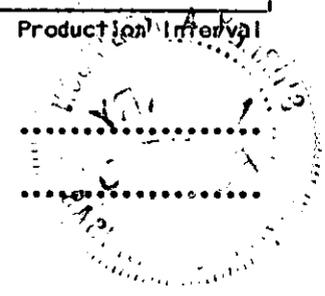
Name	Top	Bottom
<u>Electric Log Tops:</u>		
Anhydrite	1203(+ 826)	
B/Anhydrite	1241(+ 788)	
Topeka	2976(- 947)	
Heebner	3265(-1236)	
Toronto	3288(-1259)	
Lansing	3315(-1286)	
B/KC	3552(-1523)	
Conglomerate	3586(-1557)	
Granite Wash	3598(-1569)	
LTD	3615(-1586)	
RTD	3617(-1588)	

CASING RECORD <input checked="" 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 1/4"	8-5/8"	24#	338'	Portix	200	60/40, 2% gel, 3% CO
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 type="checkbox"/> No			
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 Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity	

METHOD OF COMPLETION

Production Interval

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



ACO-1 WELL HISTORY

PAGE 2 (Side One)

OPERATOR F & M OIL CO., LEASE NAME Haas "A"  
 WELL NO. 1

SEC 19 TWP 16S RGE 18W (W)

FILL IN WELL INFORMATION AS REQUIRED.

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing & Shut-in pressures, and recoveries.

Show Geological markers, logs run, or Other Descriptive information.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p>DST#5 3456-3531', Lans. 140' &amp; 160' &amp; 180' zones                      30-45-60-45, fr to gd blow on both opns, rec                      270' slight gsy wtr, IFP 115-115#, ISIP 913#,                      FFP 178-189#, FSIP 682#, HP's 1864-1822#, BHT 102°.</p> <p>DST#6 3591-3606',                      30-30-30-30, wk blow on 1st opn, no blow on 2nd                      opn, rec 20' mud, IFP 52-52#, ISIP 52#, FFP 52-52#,                      FSIP 52#, HP's 1884-1811#, BHT 103°.</p>				

STATE OF KANSAS

MAR 21 1985

CONSERVATION DIVISION  
 Wichita, Kansas