

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 077-20,072 ⁰⁰⁰ **ORIGINAL**
County Harper
 - NW - NW - SE Sec. 14 Twp. 31S Rge. 9 ^E X ^W

Operator: License # 5144

2310 Feet from (S)N (circle one) Line of Section

Name: Mull Drilling Company, Inc.

2310 Feet from (E)W (circle one) Line of Section

Address P.O. Box 2758

Footages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)

City/State/Zip Wichita, KS 67201

Lease Name Morris Well # 1

Purchaser: Plains Liquid Transport

Field Name Spivey-Grabs-Basil

Operator Contact Person: John E. Parker

Producing Formation Miss Osage Chert

Phone (316) 264-6366

Elevation: Ground 1603 KB 1609

Contractor: Name: Donelson Drilling Company

Total Depth 4400 PSTD

License: N/A

Amount of Surface Pipe Set and Cemented at 213 Feet

Wellsite Geologist: I.W. Woolsey

Multiple Stage Cementing Collar Used? Yes No

Designate Type of Completion
 New Well Re-Entry X Workover

If yes, show depth set Feet

X Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

If Workover/Re-Entry: old well info as follows:

Drilling Fluid Management Plan REWORK J&K 7-20-95
(Data must be collected from the Reserve Pit)

Operator: Mull Drilling Company, Inc.

Chloride content ppm Fluid volume bbls

Well Name: Morris #1

Dewatering method used

Comp. Date 11-19-68 Old Total Depth 4400'

Location of fluid disposal if hauled offsite:

X ACCESSED ADDITIONAL PAY BONE

 Deepening X Re-perf. Conv. to Inj/SWD

 Plug Back PSTD

 Commingled Docket No.

 Dual Completion Docket No.

 Other (SWD or Inj?) Docket No.

Operator Name

Lease Name License No.

7-19-94
10-31-68 11-10-68 11-19-68

 Quarter Sec. Twp. S Rng. E/W

Spud Date OF START OF WORKOVER Date Reached TD Completion Date OF WORKOVER

County Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 *John E. Parker*
Title Petroleum Engineer Date 10-14-94

Subscribed and sworn to before me this 17th day of October, 1994.

Notary Public PATRICIA L. UNGLEICH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 2/7/95

Patricia L. Ungleich
March 27, 1995

RECEIVED STATE CORPORATION COMMISSION 10-18-94 OCT 18 1994
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep KSPA
 KGS Plug Other
(Specify)

Operator Name Muller Drilling Company, Inc. Lease Name Morris Well # 1
 Sec. 14 Twp. 31S Rge. 9 East County Harper
 West

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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run:

Gamma Neutron CCL Correlation

Name	Top	Datum	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input checked="" type="checkbox"/> Sample
			Heebner	3446	-1837
Lansing	3639	-2030			
Stark (Black Shale)	4061	-2452			
Mississippian	4361	-2752			

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"		213	GL-3	175	
Production		4 1/2"	9.5	4386	60-40 Poz	100	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	4386-4400' (O.H)	Fractured 150g acid, 4000 gal oil 3000# sd, 150 gal acid, 6000 gal Oil & 6000# sd.	
4	4361-4371 (IBP @ 4380' (Drilled out))	Acidized w/1000 gal 15% FE	
	4361-4371	Fractured stimulation w/30,000 gals Borager 3.5185 & 45,000 #12/20 Brady sd.	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2"	4367		

Date of First, Resumed Production, SWD or Inj.	Producing Method
9-24-94	<input type="checkbox"/> Flowing <input checked="" 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
	12	156	33	13,000	27.4

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: 4361-4371