

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

Operator: License # 5144

Name: Mull Drilling Company, Inc.

Address P.O. Box 2758
Wichita KS 67201

City/State/Zip _____

Purchaser: Koch Oil Company

Operator Contact Person: John M. Parker

Phone (316), 264-6366

Contractor: Name: Murfin Drilling Company

License: 30606

Wellsite Geologist: Vern Schrag

Designate Type of Completion

____ New Well ____ Re-Entry Workover

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

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

Operator: Mull Drilling Company, Inc.

Well Name: Hanks D #1

Comp. Date 2-2-93 ^{6/10/83} Old Total Depth 4677

____ Deepening Re-perf. ____ Conv. to inj/SWD
 Plug Back 4230 PBDT
____ Commingled ____ Docket No. ____
____ Dual Completion ____ Docket No. ____
____ Other (SWD or Inj?) Docket No. ____

2-25-91 5-25-88 2-27-94 6-10-83
Spud Date Date Reached TD Completion Date
COMMENCEMENT
2-2-93 KCC

API NO. 15- 101-20,792 -00 -01

County Lane

9 - SW - SE - NE Sec. 20 Twp. 17S Rge. 27W X ^E _W

330' Feet from SWX(circle one) line of Section

990' Feet from EXX(circle one) Line of Section

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

Lease Name Hanks D Well # 1

Field Name LS NE Field

Producing Formation Lansing Kansas City

Elevation: Ground 2704 KB 2709

Total Depth 4677 PBDT 4230

Amount of Surface Pipe Set and Cemented at 344 Feet

Multiple Stage Cementing Collar Used? ____ Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ ex cat.

Drilling Fluid Management Plan REWORK 9/2 12-16-93
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

De-watering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

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 read and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]
Title Petroleum Engineer Date 11-1-93

Subscribed and sworn to before me this 2nd day of November 19 93.
Notary Public Tannis L. Tritt My Appl. Expires 3-26-95

Date Commission Expires March 26, 1995

RECEIVED
STATE CORPORATION COMMISSION
NOV 03 1993
K.C.C. OFFICE USE ONLY
F ____ Letter of Confidentiality Attached
C ____ Wireline Log Received
C ____ Geologist Report Received
CONSERVATION DIVISION
Wichita, Kansas
Distributio:
____ KCC ____ SWD/Rep ____ NGPA
____ KGS ____ Plug ____ Other
(Specify)

Operator Name Mull-Drilling Company, Inc. Lease Name Hanks D Well # 1
 Sec. 20 Twp. 17 Rge. 27 East County Ness
 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.)

Log Formation (Top), Depth and Datum Sample

Name Top Datum
 RECOMPLETION FORMATION
 Lansing-Kansas City 3992 (-1283)
 B/KC 4322 (-1613)

List All E.Logs Run:
 RA Guard

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
Surface	12 1/4	8 5/8	24#	344	Class A	290 -	2% gel 3% cc
Production	7 7/8"	4 1/2	10.5#	2511' used 2179' new @ 4675'		1000 gal	mud sweep, 175
D-V-Tool				sx D 2124' 60 bbls mud flush, 425 sx B-J sure fill			

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" 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
4	4586-4590	200 gal MOD 202 (acid)	
4	4586-4590	Frac 8000# sd 6000 gal	
4	4296-4304	250 gal 15% MCA	
4	4262-4270	500 gals 15% MCA	
4	4166-4170	250 gal 15% MCA&1000 gal 15% INE	

TUBING RECORD Size 2 3/8" Set At 4190' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SVD or Inj. 2-2-93 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	50	0	0		

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 _____