

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5144
Name: Mull Drilling Company, Inc.
Address: P.O. Box 2758
City/State/Zip: Wichita, KS 67201
Purchaser: Eaglwing Trading, Inc.
Operator Contact Person: Mark A. Shreve
Phone: (316) 264-6366
Contractor: Name: _____
License: _____
Wellsite Geologist: _____

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: Ummel #4-H
Original Comp. Date: 4-29-00 Original Total Depth: 4298 TVD
____ Deepening ____ Re-perf. ____ Conv. to Enhr./SWD
____ Plug Back ____ Plug Back Total Depth
____ Commingled ____ Docket No. ____
____ Dual Completion ____ Docket No. ____
☒ Other (SWD or Enhr.?) ____ Docket No. ____

<u>1-2-01</u>	<u>1-10-01</u>	<u>1-11-01</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 135-23895-~~NAME~~ 0002
County: Ness

75' N-W2-E2-SE Sec. 23 Twp. 18 S. R. 24 ☐ East ☒ West
1359 BHL/1395 Surf feet from (S) N (circle one) Line of Section
361 BHL/990 Surf feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW

Lease Name: Ummel Well #: 4-H
Field Name: Ness City North

Producing Formation: Mississippi

Elevation: Ground: 2270' Kelly Bushing: 2277'

Total Depth: 4298 TVD Plug Back Total Depth: N/A
4828 MD
Amount of Surface Pipe Set and Cemented at 365 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1568'
feet depth to surface w/ 275 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: Nancy I. Stiner
Title: Senior Prod. Tech. Date: 6-20-01

Subscribed and sworn to before me this 20th day of June

Notary Public: Sunda Singleton

Date Commission Expires: August 4, 2001

KCC Office Use ONLY

____ Letter of Confidentiality Attached

If Denied, Yes ☐ Date: _____

____ Wireline Log Received

____ Geologist Report Received

____ UIC Distribution

25256

Operator Name: Mull Drilling Company, Inc. Lease Name: Ummel Well #: 4-H
 Sec. 23 Twp. 18 S. R. 24 ☐ East ☒ West County: Ness

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:

Sperry-Sun
 DGWD Gamma Log

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Pawnee	MD 4109	TVD 4109
Ft Scott	4198	4194
Cherokee	4222	4216
B/CKE LS	4283	4258
EROS Miss	4311	4271
Miss Warsaw	4317	4274
TD	4828	4298

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	# Sacs Used	Type and Percent Additives
Surface	12 1/4	8 5/8	20#	365'	60 40 Poz	200	
*Production	7 7/8	5 1/2	15.5#	4319'	Stage 1 ASC	100 +	5# gel
					Stage 2 Poz	275 +	6% gel 1/4# Flr-eal
Liner		3 1/2		4400MD	N/A	None	Top of Liner @ 4073'
Liner		2 3/8		4520MD	N/A	None	Top of Liner @ 4072'

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	4291-4292	(3 SPF) w/sqz	gun	100 gal 15% FE

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
Open-Hole	4400-4828 - Horizontal Lateral(4-00)		
Open-Hole	4400-4828 - Horizontal Lateral(4-00)	1000g 15%, 1000g 20% MCA (1-01)	4400-4828
			Open Hole

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8	4038'	n/a	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
1-11-2001	<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
	1			
			Water	Bbls.
			256	
			Gas-Oil Ratio	Gravity
				36°

Disposition of Gas

METHOD OF COMPLETION

Production Interval 4400-4828 - Mississippi

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, Sumit ACO-18.)

☒ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify)

*set CIBP in 5 1/2" csg @ 4136' whipstock set in 5 1/2" csg @ 4117/4121' with 1" id