

ORIGINAL

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

API NO. 15- 15-101-20,227-000
County Lane
 - SW - SE - SE Sec. 36 Twp. 16S Rge. 29 X ^E _W

Operator: License # 5144

Name: Mull Drilling Company, Inc.

Address P.O. Box 2758

City/State/Zip Wichita, KS 67201

Purchaser: Eagling Trading

Operator Contact Person: Scott E. Hampel

Phone (316) 264-6366

Contractor: Name:

License:

Wellsite Geologist:

Designate Type of Completion
 New Well Re-Entry X Workover

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

If Workover:

Operator: Mull Drilling Company, Inc.

Well Name: Terwilliger NE Unit #1

f/k/a James A #1

Comp. Date 6-22-77 Old Total Depth 4600'

 Deepening X Re-perf. Conv. to Inj/SMD
 Plug Back PBTD
X Comingled Docket No. CO-12902
 Dual Completion Docket No.
 Other (SMD or Inj?) Docket No.

8-16-99 8-17-99 8-18-99
Date of Date Reached TD Completion Date

start of re-work.

380 Feet from S (circle one) Line of Section
1010 Feet from E (circle one) Line of Section

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

Lease Name Terwilliger NE Unit Well # 1

Field Name Terwilliger East

Producing Formation Lansing KC & Marmaton

Elevation: Ground 2785' KB 2796'

Total Depth 4600' PBTD

Amount of Surface Pipe Set and Cemented at 323 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan Re-work, 9-28-99 UR.
(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 Rng. E/W

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 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 Scott E. Hampel

Title Vice President, Prod. & Eng. Date 8-27-99

Subscribed and sworn to before me this 27th day of August, 19 99.

Notary Public Tannis L. Tritt

Date Commission Expires 3-26-2003

TANNIS L. TRITT
Notary Public - State of Kansas
My Appt. Expires 3-26-2003

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SMD/Rep NGPA
 KGS Plug Other
(Specify)

X

Operator Name Mull Drilling Company, Inc.

Lease Name Terwilliger NE Unit Well # 1

Sec. 36 Twp. 16S Rge. 29

East

County Lane

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.) @ original completion

List All E.Logs Run:
RA Guard

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Heebner	3940	-1144
Lansing	3980	-1184
Base Kansas City	4309	-1184
Ft. Scott	4477	-1681
Cherokee	4502	-1706
Miss Lime	4572	-1776
LTD	4603	-1807
RTD	4600	-1804

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"	20#	323	Comm	190	3%cc 2% gel
Production	7 7/8	5 1/2"	14 & 15#	4598	50-50 Poz	125	10%slt, 2% gel

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
SEE ATTACHED		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	4523	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SMD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
8-17-99				
Estimated Production Per 24 Hours	Oil 4 Bbls.	Gas TSTM Mcf	Water 6 Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Lansing KC & Marmaton
(If vented, submit ACO-18.) Other (Specify) _____

Shots/Foot	Perforation Record	Acid, Fracutre, Shot, Cement Squeeze Record
4	4405-4412	750 gals 15% Acid
4	4338-4399, 4379-4382	750 gals MCA, 3000 gals 15% NE
4	4421-4429	250 gals MCA, 1000 gals 15% NE
4	4329-4334	250 gals 15% MCA
4	4283-4287	500 gals 15% NE
4	4275-4278, 4263-4266	300 gals 15% MCA, 500 gals 15% NE
4	4239-4244	250 gal 15% MCA, 1000 gal 15% HCL -- Added 8-17-99

RECEIVED
STATE COMMISSION

AUG 30 1999

MANAGER OF THE DIVISION
Wanda Kaason