

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

ORIGINAL

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: Pfannenstiel A #2-24  
Original Comp. Date: 4-15-96 Original Total Depth: 4330

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>1-12-2001</u>	<u>1-12-2001</u>	<u>1-17-2001</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 135-23,793-0002  
County: Ness  
C W/2W/2 SW Sec. 24 Twp. 18S S. R. 24 East  West   
STATE CORNER \_\_\_\_\_ feet from (S) / N (circle one) Line of Section  
\_\_\_\_\_ feet from (E) / W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Pfannenstiel A Well #: 2-24  
Field Name: Ness City North  
Producing Formation: Mississippi & Fort Scott

Elevation: Ground: 2262 Kelly Bushing: 2267  
Total Depth: 4330 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 214.82 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1816  
feet depth to Surface w/ 320 sx cmt.

Drilling Fluid Management Plan OWWO KGR 7/19/07  
(Data must be collected from the Reserve Pit)

Chloride content 8000 ppm Fluid volume 8000 bbls  
Dewatering method used Allowed to Dry

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: [Signature]  
Mark A. Shreve  
Title: President Date: February 16, 2001  
Subscribed and sworn to before me this 16 day of February  
18 2001.  
Notary Public: Tamara J. Kohlman  
Date Commission Expires: October 16, 2001

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

TAMARA J. KOHLMAN  
Notary Public - State of Kansas  
My Appt. Expires 10-16-2001

Operator Name: Mull Drilling Company, Inc. Lease Name: Pfannenstiel A Well #: 2-24  
 Sec. 24 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  Dual Induction Comp Neutron Density	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1525</td> <td>+742</td> </tr> <tr> <td>Heebner</td> <td>3652</td> <td>-1385</td> </tr> <tr> <td>Lansing</td> <td>3693</td> <td>-1426</td> </tr> <tr> <td>Marmaton</td> <td>4016</td> <td>-1749</td> </tr> <tr> <td>Fort Scott</td> <td>4186</td> <td>-1919</td> </tr> <tr> <td>Cherokee</td> <td>4209</td> <td>-1942</td> </tr> <tr> <td>Mississippi</td> <td>4265</td> <td>-1998</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Anhydrite	1525	+742	Heebner	3652	-1385	Lansing	3693	-1426	Marmaton	4016	-1749	Fort Scott	4186	-1919	Cherokee	4209	-1942	Mississippi	4265	-1998
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CASING RECORD <input type="checkbox"/> New <input checked="" 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	# Sacs Used	Type and Percent Additives
Surface	12 1/4	8 5/8	19#	214.82	60-40 Poz	135	2% Gel, 3% cc
Production	7 7/8	5 1/2	14#	4333	HLC EA-2	25 125	5% Calseal, 18% S 3/4% H-322, 7 1/2# GILS/sk

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	SURF-1816	65-35 Poz	270	10% Gel, 1/4# sk Flocele
<input type="checkbox"/> Plug Back TD		Common	50	
<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
		Amount	Kind of Material Used	
4	4268-76 (12-93)	750 gal	20% DSFE (6-94)	4264-68
4	4264-4268 (4-96) Mississippi	1500 gal	20% NeFe (4-96)	4264-68
4	4203-4206 (4-96) Fort Scott	1500 gal	20% NeFe (4-96)	4203-06
4	4284-4291 (1-01) Mississippi	250 gal	15% MCA (1-01)	4284-91

<b>TUBING RECORD</b>		Size <u>2 3/8</u>	Set At <u>4275</u>	Packer At <u>None</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>1-17-01</u>		Producing Method <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. <u>23</u>	Gas Mcf	Water Bbls. <u>122</u>	Gas-Oil Ratio	Gravity <u>34.1°</u>

Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

METHOD OF COMPLETION 4264-68, 4203-06  
4284-91

MULL DRILLING CO  
WICHITA KS 67201

Property of Ks Corp Comm

24-18S-24W  
C W/2 W/2 SW

# 1-24 PFANNENSTIEL OWWO

ORIGINAL

site: 1/2 N & 1 W OF NESS CITY KS

cty: NESS

API 15-135-23793

contr: UNKNOWN

field: NESS CITY NORTH

geol: NONE

fr date 09/14/98

spc date 04/15/96

drig comp 04/15/96

card issued 09/14/98

last revised 09/14/98


ELV: 2267 KB, 2262 GL LOG

tops.....	depth/ datum
ANH.....	1525 + 742
HEEB.....	3652 - 1385
LANS.....	3693 - 1426
MARM.....	4016 - 1749
FT SC.....	4186 - 1919
CHER.....	4209 - 1942
MISS.....	4265 - 1998
RTD OLD.....	4330 - 2063

IP status:  
**OIL, MARM 4203-4206, MISS 4264-4268, 04/15/96**  
 NOTE: INFO RELEASED 11/7/97 - WAS OIL WELL - TIGHT HOLE  
**OLD INFO: OPERATOR WAS LARSON OPERATING CO, 1-24 PFANNENSTIEL, SPD 11/20/93, 11/28/93 8-5/8" 214.82 / 135 SX (ALT 2), 5-1/2" 4333 / 150 SX, DV TOOL AT 1816 / 320 SX, OIL, P 15 BOPD & TR W, MISS 4268-4276, 01/04/94 (CARD ISSUED 02/14/94)**  
 CONTR: EMPHASIS OIL OPER # 8  
 GEOL: BOB STOLZLE

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INDEPENDENT OIL & GAS SERVICE, INC.  
WICHITA, KANSAS

(over)

MULL DRILLING CO  
WICHITA KS 67201

24-18S-24W  
C W/2 W/2 SW

# 1-24 PFANNENSTIEL OWWO

NO CORES

DST (1) 4250-4280 (MISS), / 15-30-45-90, 130' GIP, REC 170' GSY OIL, 120' HOCM, 60' GSY SLI OILY WCM, 180' MW ISIP 1238# FSIP 1196# IFP 67# -94# FFP 137# -236# IHP 2119# FHP 2016# BHT 110'

TRGT ZN: MISS, PTD 4300 (MISS), MICT - CO, PF (MISS) 4268-4276, W / 4 SPF, SO, NAT, SET 2-3/8" TBG AT 4282.84, NO PKR, POP, P 40 BO/24 HRS, IPP 15 BOPD & TR W (GR 37), 1/4/94

NEW INFO: FR 09/14/98, REWORKED 04/15/96 DC 04/15/96 OFF PROD, MICT - CO, RE-PF (MISS) 4264-4268 & (FT SC) 4203-4206, W / 4 SPF, AC BOTH ZNS TOGETHER W/ 1500 GAL (20% NEFE) & 300# ROCK SALT & 300# BENZOIC AC & 126 BSW FLUSH, 180 BTL TR, SET 2-3/8" TBG AT 4282.84, NO PKR, POP, OIL WELL (POTENTIAL NOT RPTD), RESUMED PROD 4/15/96, COMMINGLED

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