

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

Operator: License # ..... 5144 .....  
Name ..... Mull Drilling Company .....  
Address ..... P.O. Box 2758 .....  
..... Wichita, KS 67201 .....  
City/State/Zip .....

Purchaser ..... NA .....

Operator Contact Person Paul Gunzelman .....  
Phone ..... 264-6366 .....

Contractor: License # ..... 5988 .....  
Name ..... Halliburton Services .....

Wellsite Geologist Kris Kennedy .....  
Phone ..... 696-8664 .....

Designate Type of Completion  
\_\_\_ New Well \_\_\_ Re-Entry \_\_\_ Workover  
\_\_\_ Oil \_\_\_ SWD \_\_\_ Temp Abd  
\_\_\_ Gas \_\_\_ Inj \_\_\_ Delayed Comp.  
XX Dry \_\_\_ Other (Core, Water Supply etc.)

If OWO: old well info as follows:  
Operator .....  
Well Name .....  
Comp. Date ..... Old Total Depth .....

WELL HISTORY

Drilling Method:  
X Mud Rotary \_\_\_ Air Rotary \_\_\_ Cable  
1/7/86 ..... 1/19/86 ..... 1/19/86 .....  
Spud Date Date Reached TD Completion Date  
.4740 ..... NA  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 260 feet  
Multiple Stage Cementing Collar Used? \_\_\_ Yes X No  
If yes, show depth set ..... feet  
If alternate 2 completion, cement circulated  
from ..... feet depth to ..... w/ ..... SX cmt  
Cement Company Name ..... Halliburton .....  
Invoice # .....

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

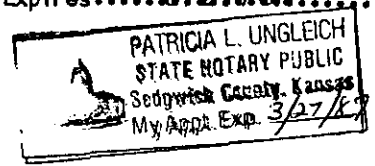
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature ..... Paul M. Gunzelman  
Paul M. Gunzelman

Title... Geologist... Kansas Division Date .2/17/86.

Subscribed and sworn to before me this 17th day of... February  
19... 86..  
Notary Public..... Patricia L. Ungleich  
Patricia L. Ungleich

Date Commission Expires..... 3/27/87.....



API NO. 15-... 15-007-22-115-00-00 .....  
County..... Barber .....

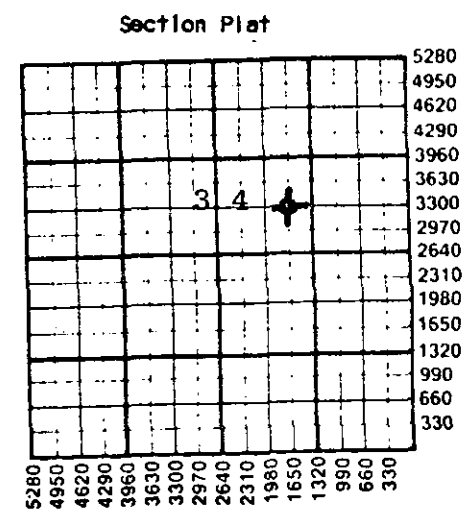
E 1/2 SW NE Sec 34 Twp 31S Rge 12W East  
..... West  
.3300..... Ft North from Southeast Corner of Section  
.1650..... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name... CARGILL..... Well #. #1.....

Field Name... Wildcat.....

Producing Formation... NA.....

Elevation: Ground... 1545'..... KB... 1550'.....



WATER SUPPLY INFORMATION  
Disposition of Produced Water: \_\_\_\_\_ Disposal  
Docket # ..... \_\_\_\_\_ Repressuring

Questions on this portion of the ACO-1 with:  
Water Resources Board (913) 296-3717  
Source of Water:  
Division of Water Resources Permit #.....

\_\_\_ Groundwater..... Ft North from Southeast Corner  
(Well) ..... Ft West from Southeast Corner of  
Sec Twp Rge \_\_\_ East \_\_\_ West  
\_\_\_ Surface Water..... Ft North from Southeast Corner  
(Stream, pond etc)..... Ft West from Southeast Corner  
Sec Twp Rge \_\_\_ East \_\_\_ West  
\_\_\_ Other (explain).....  
(purchased from city, R.W.D. #)

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC \_\_\_ SWD/Rep \_\_\_ NGPA  
 KGS \_\_\_ Plug \_\_\_ Other  
(Specify)  
.....  
.....

STATE CORPORATION COMMISSION Form ACO-1 (7-84)

FEB 18 1986 2-18-86

Sec 34 Twp 31 Rge 12W

SIDE TWO

Operator Name ..... MULL DRILLING COMPANY ..... Lease Name..... Cargill ..... Well #..... #1

Sec. 34 ..... Twp. 31S ..... Rge. 12W .....  East  West ..... County..... Barber.....

WELL LOG

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample
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DST #1 4265-4286/30-45-60-60 (Miss) Strong blow throughout both flow periods Rec: 1540' GIP 40' GCM ISIP 932 IFP 42-42 FFP 52-84 FSIP 1304 BHT 113°	<table border="0" style="width:100%"> <tr> <th style="text-align:left">Name</th> <th style="text-align:left">Top</th> <th style="text-align:left">Bottom</th> </tr> <tr> <td>Elgin Sd</td> <td>3449</td> <td>-1899</td> </tr> <tr> <td>Heebner</td> <td>3531</td> <td>-1979</td> </tr> <tr> <td>Lansing</td> <td>3717</td> <td>-2167</td> </tr> <tr> <td>Stark Sh</td> <td>4095</td> <td>-2545</td> </tr> <tr> <td>Miss</td> <td>4275</td> <td>-2725</td> </tr> <tr> <td>KinderhokSh</td> <td>4449</td> <td>-2899</td> </tr> <tr> <td>Viola</td> <td>4565</td> <td>-3015</td> </tr> <tr> <td>SimpsonSh</td> <td>4663</td> <td>-3113</td> </tr> <tr> <td>SimpsonSd</td> <td>4683</td> <td>-3133</td> </tr> <tr> <td>LTD</td> <td>4739</td> <td>-3189</td> </tr> <tr> <td>RTD</td> <td>4740</td> <td>-3190</td> </tr> </table>	Name	Top	Bottom	Elgin Sd	3449	-1899	Heebner	3531	-1979	Lansing	3717	-2167	Stark Sh	4095	-2545	Miss	4275	-2725	KinderhokSh	4449	-2899	Viola	4565	-3015	SimpsonSh	4663	-3113	SimpsonSd	4683	-3133	LTD	4739	-3189	RTD	4740	-3190
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DST #2 4286-4312/30-45-90-60(Miss) Weak blow bldg to 6" throughout test Rec: 60' mud w/few oil spots 240' GIP ISIP 73 IFP 51-51 FFP 46-46 FSIP 66 BHT 113°	DST #3 4550-4576/30-30-30-30 (Miss-Viola) Very weak blow-died in 15" (IFP) No blow FFP Rdc: 15' mud - NS ISIP 90 IFP 45-45 FFP 45-45 FSIP 68 BHT 120°
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CASING RECORD <input 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"	23#	260'	175sx Cl A	2%	gel, 3%cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method					
		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION		Production Interval
Disposition of gas: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease	<input type="checkbox"/> Open Hole <input type="checkbox"/> Other (Specify) .....	P&A .....
<input type="checkbox"/> Dually Completed <input type="checkbox"/> Commingled		.....

CARD MUST BE TYPED

State of Kansas  
NOTICE OF INTENTION TO DRILL  
(see rules on reverse side)

CARD MUST BE SIGNED

Starting Date: 1/05/86  
month day year

API Number is 007-22,115-66-00  
XXXXXX

OPERATOR: License # 5144  
Name Mull Drilling Company, Inc.  
Address P.O. Box 2758  
City/State/Zip Wichita, KS 67201  
Contact Person Paul Gunzelman  
Phone 264-6366

E/2. SW NE Sec 34... Twp 31S S. Rge 12W  West  
(location)  
3300 Ft North from Southeast Corner of Section  
1650 Ft West from Southeast Corner of Section  
(Note: Locate well on Section Plat on reverse side)

CONTRACTOR: License # D.P. Loughlin Co., Inc.  
Name D.P. Loughlin Co., Inc.  
City/State Wichita, KS  
Well Drilled For: Well Class: Type Equipment:  
 Oil  Swd  Infield  Mud Rotary  
 Gas  Inj  Pool Ext.  Air Rotary  
 OWWO  Expl  Wildcat  Cable

Nearest lease or unit boundary line 660 feet.  
County Barber  
Lease Name Cargill Well # #1  
Domestic well within .330 feet:  yes  no  
Municipal well within one mile:  yes  no

If OWWO: add well info as follows:  
Operator 316-263-8267  
Well Name \_\_\_\_\_  
Comp Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
Projected Total Depth 4650' feet  
Projected Formation at TD Viola  
Expected Producing Formations ElginSd, Miss, Viola

Depth to Bottom of fresh water 60' feet  
Lowest usable water formation \_\_\_\_\_  
Depth to Bottom of usable water 200' feet  
Surface pipe by Alternate:  1  2  
Surface pipe to be set 250' feet  
Conductor pipe if any required \_\_\_\_\_ feet  
Ground surface elevation Est. 1552' feet MSL  
This Authorization Expires 6-17-86  
Approved By 12-17-85

I certify that we will comply with K.S.A. 55-101, et seq., plus eventually plugging hole to K.C.C. specifications.  
Date 12/16/85 Signature of Operator or Agent Paul M. Gunzelman Title Geologist  
Form C-1 4/84

*move in 1-6-86 set 250' of 8 1/8"*

PUSHER Doyle Tolbert  
TD 4740 FORMATION Langston  
SURFACE PIPE 8 1/8" @ 260'  
ANHYDRITE \_\_\_\_\_ ELEVATION 1530  
STARTING TIME & DATE 1-19-86  
COMPLETION TIME & DATE 12:00 Mid Note  
1st PLUG @ 600 FT. W/ 50 SX  
2nd PLUG @ 290 FT. W/ 40 SX  
3rd PLUG @ 40 FT. W/ 10 SX  
4th PLUG @ \_\_\_\_\_ FT. W/ \_\_\_\_\_ SX  
RAT HOLE CIRCULATED W/ 15 SX  
MOUSE HOLE CIRCULATED W/ 10 SX  
WATER WELL PLUGGED W/ \_\_\_\_\_ SX  
CEMENT COMPANY Hall  
TECHNICIAN Luther  
1st Auger hole 50' in 40' hole  
2nd Auger w/ 30' hole 600'  
3rd 30' out auger 40  
4th 40-0 50' P of 10' hole  
15' + Mouse 10  
60/40 6% yield

STATE CORPORATION COMMISSION

JAN 27 1986

CONSERVATION DIVISION  
Wichita, Kansas