

19-33-13W

WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- PURCELL-MULL DRILLING CO., INC.
Farm- Lenkner No. 1

SEC. 19 T. 33 R. 13W
NE NW SW

Total Depth. 4724

Comm. 7-19-55

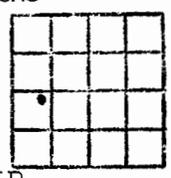
Comp. 7-31-55

County Barber
KANSAS

Shot or Treated.

Contractor. Graham-Messman-Rinehart Drilling Co.

Issued. 9-24-55



CASING:

8 5/8 @ 273' w/ 180 sx cmt.
5 1/2 @ 4724' w/ 200 sx cmt.

Elevation. 1814 KB

Production. 123 BOPD

Figures Indicate Bottom of Formations.

sand & red bed	40
red bed & shale	1264
shale	1467
lime & shale	4063
sand	4122
lime	4724
Total Depth	

TOPS:

Heebner	3962
Toronto	3976
Douglas	4002
Douglas sand	4012
Brown lime	4143
Lansing	4149
Marmaton	4591
Mississippi	4673

5 SIDE ONE

AMENDED ACO-1 *and*

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, Inc.
Address P.O. Box 2758
City/State Wich. Wichita, KS 67201

Purchaser KOCH OIL COMPANY
Wichita, KS

Operator Contact Person Paul M. Gunzelman
Phone 264-6366

Contractor: License #
Name Halliburton

Wellsite Geologist Delbert Costa
Phone

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry PLUGGED Other (Core, Water Supply etc.)
If OWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
7/20/55 8/1/55 8/1/55
Spud Date Date Reached TD Completion Date
4722' NA PLUGGED - 6-22-86
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 273 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from 4724 feet depth to surf 200 SX cmt
Cement Company Name Halliburton
Invoice #

None issued / Completed 8/55
API NO. 15-.....

County Barber, Kansas
NW SW NE SE Sec. 19 Twp. 33S Rge. 13W XXXXXX
X West

3630 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

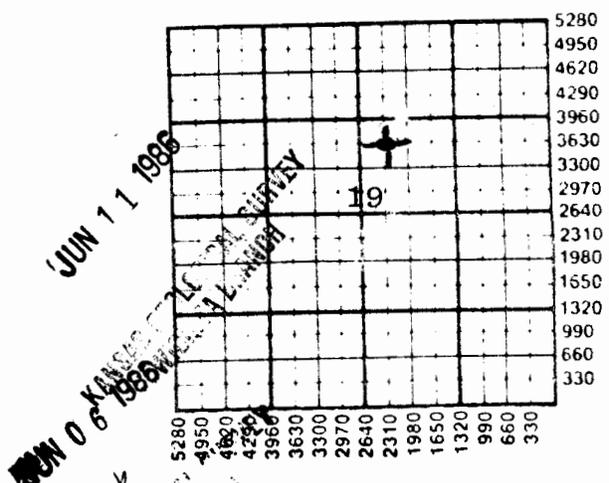
Lease Name LENKNER Well # #1

Field Name Medicine Lodge-Boggs

Producing Formation Marmaton

Elevation: Ground 1811 1814 KB

Section Plat



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket WICHITA Repressuring

Questions on this portion of the ACO-1 call:
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. #)

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.

SIDE TWO

Operator Name Mull. Drilling Company, Inc. Lease Name LENKNER Well # 1

Sec. 19 Twp. 33S Rge. 13W East West County Barber, Kansas

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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 4612-4657
 Well flowed in 2 hrs. Full recovery.
 30' free oil - 150' muddy oil
 IFP 165 FFP 905 SIP 1530

DST #2 4682-4716
 Rec 30' drlg fluid
 IFP 30# FFP 30#

Name	Top	Bottom
Heebner	3960	
Toronto	3974	
Douglas	4000	
Doug Sd	4010	
Brn Lime	4141	
Lansing	4147	
Marmaton	4589	
Massey Zone	4619	
Miss	4671	

CASING RECORD <input checked="" 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 1/2"	8-5/8"	20#	273'	comm	180 sx	3% cc
Production	7-7/8"	5-1/2"	15#	4722'	comm	200 sx	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	4626-4630'			5/9/84 Ac. w/750 gal. 15% FE			
	4621-4627'			80 hbls. SW. dmpd. dn. ann.			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method			P&A			
				<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....			

19-33-13W
Ind

NO. 1 LENEXER

WELL RECORD

Location: NW SW NW, 19-33-13W
Barber County, Kansas

Operator: Purcell-Mull Drilling Co., Inc.
6405 East Kellogg, Wichita, Kansas

Contractor: Graham-Messman-Rinehart Drilling Co.
1005 East Second, Wichita, Kansas

Casing Record: 8 5/8" @ 273' w/180 sacks cement
5 1/2" @ 4724' w/200 sacks cement

Commenced: July 19, 1955
Completed: July 31, 1955
Elevation: 1814 KB
Production:

....L O G....

Sand-Red Bed	40		
Red Bed-Shale	1264		
Shale	1467		
Shale-Lime	2330		
Lime-Shale	4063		
Sand	4122		
Lime	4724	R.T.D.	Sample Tops: (Corrected)

Heebner 3962 (-2148)
Toronto 3976 (-2162)
Douglas 4002 (-2188)
Douglas Sd 4012 (-2198)
Brown Lime 4113 (-2329)
Lansing 4149 (-2335)
Marston 4591 (-2777)
Mississippi 4673 (-2859)

The undersigned, GRAHAM-MESSMAN-RINEHART DRILLING COMPANY, hereby certifies that the above log is a true and correct log of the formation encountered in drilling the above well as reflected by the Daily Drilling Report.

GRAHAM-MESSMAN-RINEHART DRILLING COMPANY

By: J. A. Gilliland
J. A. Gilliland