Gud

SIDE ONE

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 # 5205
Name Mid Continent Energy
Address 120 S. Market, Suite 310
Wichita, KS 67202
City/State/Zip

Purchaser

Operator Contact Person Bradley Buehler
Phone 316-265-9501

Contractor: License # 5418
Name Allen Drilling Company

Wellsite Geologist Kent Roberts
Phone 316-265-9501

Designate Type of Completion
[X] New Well [ ] Re-Entry [ ] Workover

[ ] Oil [ ] SWD [ ] Temp Abd
[ ] Gas [ ] Inj [ ] Delayed Comp.
[X] Dry [ ] Other (Core, Water Supply etc.)

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

API NO. 15- 065-22,184

County Graham

NE SE NE/4 Sec. 3 Twp. 10 Rge. 23 [ ] East [X] West

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

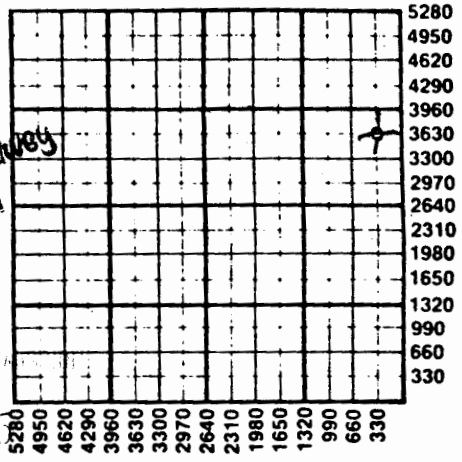
Lease Name Klenk Well # 1

Field Name LAW

Producing Formation

Elevation: Ground 2426 KB 2431

Section Plat



JUN 25 1985
State Geological Survey
WICHITA BRANCH

RECEIVED
STATE CORPORATION COMMISSION
JUN 25 1985

WATER SUPPLY INFORMATION
Disposition of Produced Water: [ ] Disposal
Docket # [ ] Repressuring

WELL HISTORY

Drilling Method:
[X] Mud Rotary [ ] Air Rotary [ ] Cable

6-5-85	6-11-85	6-12-85
Spud Date	Date Reached TD	Completion Date

4180	
Total Depth	PBTD

Amount of Surface Pipe Set and Cemented at 264 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

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

[X] Other (explain) Buck Bethell, Hill City, KS 67642
(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

76031

Operator Name Mid Continent Energy Lease Name Klenk Well # 1

Sec. 3 Twp. 10 Rge. 23 ☐ East ☒ West County Graham

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

DST #1: 3720'-3766' (Lan. "A" & 35' zones); no blow; 15"-30"-15"-30"; Rec. 5' mud. FP=54/54, SIP=163-97, HP=1886-1821, BHT=112°.

DST #2: 3844'-3890' (Lan. 140' & 160' zones); Strg. blow off btm. of bucket in 15" on both opens. 30"-30"-60"-60"; Rec. 90' GIP, 90' CO, 90' OCM, 42% oil, no wtr.; FP=65/76-97/108, SIP=304-358, HP=1939-1918, BHT=118°.

DST #3: 3906'-3940' (Lan. 200' & 220' zones); 15"-30"-15"-30"; wk. blow, died in 5"; 2nd open no blow. Rec. 5' mud. FP=43/43-43, SIP=54-43, HP=2004-1993, BHT=119°.

DST #4: 4088'-4148' (Marmaton Sand); 30"=45"-30"-45"; 1st open wk. blow, died in 25"; 2nd open, no blow. Rec. 10' drilling mud. FP=54, SIP=239-228 HP-2185-2153, BHT=119°.

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Anhydrite	2001	+ 430
Topeka	3466	-1035
Heebner	3689	-1258
Toronto	3711	-1280
Lansing	3724	-1293
B/K.C.	3946	-1515
Marmaton	3971	-1540
Marmaton Chert	4040	-1609
Marmaton Sand	4124	-1693
L.T.D.	4180	-1749

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#	264	LW-4	160	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 Size Set At Packer at Liner Run ☐ Yes ☐ No

Date of First Production | Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....