

28-5-12E

SIDE ONE

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Ind

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 # 4486
name Mid-Continent Land & Exploration
address 1800 S. Kansas Ave.
Topeka, KS 66612
City/State/Zip

Operator Contact Person Steve Owen
Phone (913) 232-2224

Operator: license # 5146
name Rains & Williamson Oil Co., Inc.

Wellsite Geologist Greg Owen
Phone (913) 232-2224
CHASER CITGO Petroleum Corp.

Designate Type of Completion
 New Well Re-Entry Workover

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

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

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
11-19-85 11-26-85 01-06-86
Spud Date Date Reached TD Completion Date

2750' 2750'
Total Depth PBTB

Amount of Surface Pipe Set and Cemented at 283' feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

If alternate completion, cement circulated
from 283' feet depth to surface w/ 200 SX cmt

AP# 131-20,105
County Nemaha
2940' FSL & 990' FEL East
..... Sec 23 Twp 5S Rge 12 West
(location)
2974 Ft North from Southeast Corner of Section
990 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name Grossnickle Well# 5

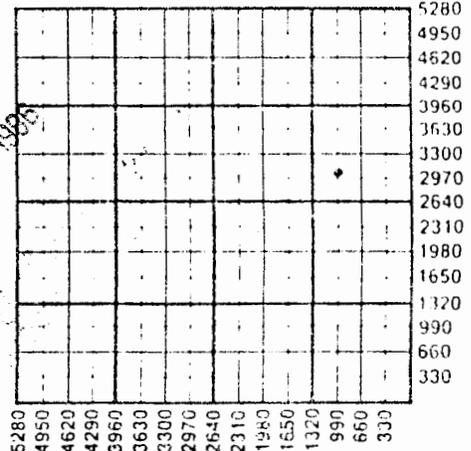
Field Name Corning

Producing Formation Viola

Elevation: Ground 1329.6 KB 1334

Section Plat

MAR 03 1985



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge East West

Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West

Other (explain) Hauled
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal
 Repressuring

Docket # STATE CORPORATION COMMISSION

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. Rules 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.

Operator Name Mid-Continent Land & Lease Name Well# 5 SEC 23 TWP. 5S RGE. 12 East West

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

Name	Top	Bottom
Lansing/KC	1028	1335
Mississippi	1640	1700
Hunton	1850	2420
Viola	2480	2705
Simpson SS	2700	2740

TUBING RECORD size 2 7/8" set at 2494 packer at none Liner Run Yes No

Date of First Production 01-06-86 Producing method flowing pumping gas lift Other (explain) _____

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	<u>10</u> Bbls	<u>MCF</u>	<u>10</u> Bbls	<u>CFPB</u>	

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION

open hole perforation
 other (specify) _____
 Dually Comple

PRODUCTION INTERVAL

2480-2504

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	<u>12 1/4"</u>	<u>8 5/8"</u>	<u>20#</u>	<u>283'</u>	<u>Common</u>	<u>200 sx.</u>	<u>3% cc.</u>
Production	<u>7 7/8"</u>	<u>5 1/2"</u>	<u>14#</u>	<u>2745'</u>	<u>50/50 poz.</u>	<u>175 sx.</u>	<u>3 3/4% Halad</u> <u>322</u>

PERFORATION RECORD

shots per foot specify footage of each interval perforated

2/ft 2480-90, 2498-2504

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used)

NONE

Depth

Mid-Continent Land & Exploration, Inc. Grossnickle East
 Operator Name Lease Name Well # 5. SEC. 23.. TWP. 5S.. RGE. 12... West

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 No. 1 - 2424'-2486' - open with weak blow.
 Held throughout test. Recovered 220' clean oil, 60' of HOCM (80% oil), 120' of watery SOCM, Chlorides 800 parts per million (PPM).

Name	Top	Bottom
Lansing/KC	1028	1335
Mississippi	1640	1700
Hunton	1850	2420
Viola	2480	2605
Simpson SS	2700	2740

IHP 1171'
 IFP (30) 73#-95#
 ISIP (30) 746#
 FFP (60) 148# - 173#
 FSIP (60) 746#
 FHP 1171'

Estimated Production Per 24 Hours	50 Bbls	MCF	12 Bbls	CFPS
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METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)

2480-2504

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 #	283'	Common	200 sx	3% cc
Production.....	7 7/8"	5 1/2"	14 #	2745'	50/50 poz	175 sx	3/4% Halad 322

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Shots Per Foot	Specify Footage of Each Interval Perforated	Depth
2/ft.....	2480-90, 2498-2504	NONE

TUBING RECORD

Size 2 7/8" Set At 2494 Packer at none Liner Run Yes No

Date of First Production 01/06/86 Producing Method Flowing Pumping Gas Lift Other (explain).....

Oil	Gas	Water	Gas-Oil Ratio	Gravity

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DRILLER'S LOG

COMPANY: Mid-Continent Land & Exploration

SEC. 23 T. 5S R. 12E

WELL NAME: Grossnickle #5

LOC. 2940' FSL & 990' FEL

COUNTY: Nemaha

RIG NO. #7

TOTAL DEPTH 2750'

ELEVATION 1329.6 G.L.
1334 K.B.

COMMENCED: 11-19-85 COMPLETED: 11-26-85

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 283' w/200 sx. common, 3% cc.

PRODUCTION: 5 1/2" @ 2745' w/200 sx. 50/50 poz.

LOG

(Figures Indicate Bottom of Formations)

Clay	282
Sand & Clay	700
Shale & Lime	1498
Lime & Shale	2145
Shale & Lime	2480
Lime & Shale	2750
<u>ROTARY TOTAL DEPTH</u>	<u>2750</u>

DEC 03 1985
Nemaha Geological Survey
NEMAHA BRANCH

RECEIVED
STATE COMPLETION COMMISSION

FFR 6 1986
COMPLETION DIVISION
Wichita, Kansas

STATE OF Kansas)
COUNTY OF Sedgwick)

SS: