

GLEN N. RUPE



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OIL PRODUCER

222 Brown Building — Wichita, Kansas 67202 — AM 2-3748

#1 MICHAELIS

C NE NW of Section 13-26S-19W
Edwards County, Kansas

March 2, 1968 - Drilling at 4240'

March 3, 1968 - Drilling at 4468' -- Took Drill Stem Test #2 from
4432-4468' - open 40 min. -
March 4, 1968 - Drilling at 4678' recovered 10' Mud.

Initial Bottom Hole Pressure 1399#
in 30 min.

Initial Flow Pressure 3#

Final Flow Pressure 38#

Final Bottom Hole Pressure 1054#
in 30 min.

The Kansas City Zone producing in the Case #1--however
the Zone did not develop in Michaelis #1--but tested
regardless as had a slight show of oil.

Top of Lansing 4152' or -1941' --running 3' high to
Case #1 on Top of
Lansing

Base of Kansas City 4514' or -2303'

Cherokee Shale 4622' or -2411' --running 10' high to
Case #1.

March 5, 1968 - Drilling at 4725' -- Took Drill Stem Test #3 from
4658' @ 4696' open 20 min. recovered
5' Mud

Initial Bottom Hole Pressure 76# in
20 Min

Initial Flow Pressure 0#

Final Flow Pressure 38#

Final Bottom Hole Pressure 48# in
20 min.

Drill Stem Test #4 from 4692' - 4725' -
misrun.

Drill Stem Test #5 from 4659' - 4725'

Above Drill Stem Test #3, #4, and #5
negative.

recovered 3000' of gas in Drill Stem
Test - pressures indicated poor
permeability --continuing to drill
another 100' in the Kinderhook Sand.

Open 20 min. Shut In pressure 40#
Open 90 min. Shut In Pressure 30#

110 min
recovered 3000' of Gas in Pipe

40' Gas Cut Mud

Initial Bottom Hole Pressure 57#

Initial and Final Pressures 57#--57#

Final Bottom Hole Pressure 307#

March 6, 1968 - Drilling at 4840' at 10:00 a.m.
drilling ahead to 4850'. Will log this afternoon

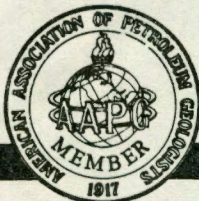
Kinderhook Sand 4790' -2579'

*June 3 3/10/68
Independent
Per GNR
Remitted*
MICHAELIS #1

Electric Log Tops

AS per GNR 3/19/68

Langdon	3360' to 66'	
Tarkio Lime	3414'	-1203'
Heebner	4006'	-1795'
Brown Lime	4141'	-1930'
Lansing	4152'	-1941'
Base Kansas City	4480'	-2269'
Cherokee	4666'	-2455'
Erosional ^{Miss} Chat	4714'	-2503'
Clean Mississippi Chat	4736'	-2525'
Base of Chert	4762'	-2551'
Kinderhook	4790'	-2579'
Kinderhook Sand	4818'	-2607'
Total Depth	4853'	-2642'



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MICHAELIS #1 - C NE NW of Section 13-26S-19W, Edwards County, Kansas

March 7, 1968 - Finished logging at 7:00 a.m. this morning --
two (2) Zones of interest showed up on the Electric
Log and going back in and Straddle Test these Zones
4348' - 4414'.

March 8, 1968 - Took Drill Stem Test #6 from 4334' - 4420' open 70 min.
recovered 180' Muddy Salt Water and 1200' Salt Water.
Initial Bottom Hole Pressure 1498# in 30 min.
Initial Flow 153#
Final Flow 742#
Final Bottom Hole Pressure 1488# in 30 min.
Plugged at 3:30 a.m. this morning.

Kenneth Dohm - *C Detector man*
% General Delivery, Greensburg, Kansas

staying Trailer Hotel 2211 K.B.
Laughlin-Simmons Elevation 2208 D.F.
2205 Gr.

MICHAELIS #1 - C NE NW

Sec. 13-26S-19W

Edwards County, Kansas

G. N. Rupe--Geologist

Barred Gas Detector man will be called

Texas Harkey

Ran Don as per Ray Mitchell 2/16/68

2/19 Moving in Rig either Thursday or Friday this week (2/22 or 23)

2/20 File Insurance Notice

Notify: Hagihara-Stumbaugh

2/21 Ordered elevation from Laughlin-Simmons
will be run on Monday 2/26

Mimura

GNR advises Leben will file Intent to Drill

Nolke

2/22 Moving in Rotary tools and drilling Surface
Nole today - Michaelis #1. *Wire sent 1:00 pm*

Womer

Rupe

Northern Pump Co. (Wire)

2/23 Drilling depth 100' - down with repairs.

(Mr. Charles J. Beu)

1202 Driscoll Bldg.

Corpus Christi, Texas

Started back drilling at 6:30 p.m. on 2/23

1915 57th Avenue North

Set 8 5/8" Surface Casing at 290'

Minneapolis, Minn 55430

cemented with 250 sacks common 2% cc.

Lester Wilkerson

Plug was down at 2:00 a.m.

Clarence Michaelis

2/24 Cement circulated

Kinsley, Kansas

2/25 Drilling at 1575'

Ernest Davis, Kinsley

Anhydrite 1290' - 1330'

(Doug Boyd-Leben) Great B

2/26 Drilling at 2525' this morning.

Gorski

2/27 At 2835' - DST #1 2794' - 2835' now - *Council Grove formation*

Herlihy

2/28 Drilling at 3188' expecting Langdon Sand
around 3300'.

Michaelis #1-DST#1

2794-2835 in Council Grove

Section. Bank on bottom

Drilling

2/29 Drilling at 3541' -

10:30 a.m. Drlg 4005'

3/1 Drilling at 3941 at 8:00 a.m.

looking at Heebner Shale

Drilling at 4005 at 10:30 a.m.

looking for the Heebner Shale

3/2 Drilling at 4240' at 11:00 a.m. 4300' running about flat with #1 Cas

looking for the Kansas City Main Zone as in Case #1

3/3 Drilling at 4468' around 4450' sometime toorro

DST#2 from 4432' - 4468'

3/4/68
Monday Wire: Drlg. 4678'

Open 40 min. - recovered 10' Mud.

4152' or -1941' Lansing

IBHP 1399# in 30 min.

running 3' high to Case #1

IF 3#

on Top of Lansing

FF 38#

4622' or -2411' Cherokee Shale

FBHP 1054# in 30 min.

running 10' high to Case #1

DST #2 - Negative-results will

follow

4152' or -1941' Lansing - running 3' high to Case #1 on

Top of Lansing

4514' -2303' Base of Kansas. City

4622' or -2411 Cherokee Shale running 10' high to Case #1

3/5 Drilling at 4725' - Took DST #3, #4, #5 - all negative - results will follow

3/6 No Wire sent - Mr. Rupe talked with Mr. Beu at Minot, North Dakota

3/7 4:30pm Tried to call - Corpus Christi Office 512 TU 4-3806 m
Res (Monica) UL 3-3880 advised at Ramada Inn Room 351 Minot, North Dakota #701-838-6161
Wired to Beu Ramda Inn Minot, N. Da. Straddle testing - will call later today.

3/7 Finished logging at 7:00 a.m. this morning
Found two (2) Zones of interest showed up on the Electric Log and going back in and straddle testing these Zones at 4348 and 4414.
DST #6

3/7 Leben - Carol advised RTD 48500 - have logged - waiting on Orders.

3/8 Leben - Carol advised - Took DST #6 from 4334 - 4420' open 70 min. recovered 180' Muddy Salt Water and 1200' Salt Water
IBHP 1498# in 30 min.
IF 153#
FF 742#
FBHP 1488# in 30 min.
Plugged at 3:30 a.m. this morning.