

ALPHONSUS SOUKUP - #2 NW NW NE of Sec. 22-14S-10W,
Ellsworth County, Kansas

Drlg Contractor: Red Tiger Drilling Company (263-1201) ² (Karen taking Virginia's place)³
(Tom Buffington, Toolpusher)

Geologist:

2/15/71 Ordered elevation Laughlin & Simmons. Partners:
Lucille had the order, but will have it Arthur J. Gorski
taken this week.

2/18/71 9:30 a.m. Faye called Virginia with Red Tiger
and asked them to move onto #2 Soukup with only
the necessary Tools to drill to the Anhydrite
and not set Surface Casing and if running low
would abandon same.
2:45 p.m. The Toolpusher on the Rig called in and
had to change location 15' due to Highline
(after several attempts to locate you)
Stan Bell took the call and advised them
to go ahead.

2/18 Do not mail Terrence Card as per W.P.

4:25 p.m.
2/19 Karen with Red Tiger called -- got moved in on #2 Soukup
and will start up this evening or in the morning.
Laughlin-Simmons called elevation is 1774' Gr.

2/20 Spudded in the p.m. Dug rathole to 1009' or 1779' Kelly BuS

2/21 Cut 260' of 12 1/4" hole. Ran 5 5/8ths 20# (New) set at 267' cemented
with 160 sacks Cement. Plug down at 9:15 a.m.

2/22 Down because of "blizzard".

2/23/71 Getting ready to "kick-off"--started drilling again at 5:00 p.m.

2/24/71 Drilling at 1634'

Top of ANHYDRITE 583 - 615' or +1196'

which is 9' high to the VOPAT "E" #1 and 3' low to our SOUKUP #1.

2/25/71 Drilling at 2165'

2/26/71 Drilling at 2540'

1:30 p.m. Dick Foley called in

DST #2 from 2519' to 2540' - Open 40 min. weak steady bl
80' Gas cut and oil speck Mud (Reason for so much mud
the slide Packer 6')

ISIP 183# - 20 min. Final Shut In 166#

IF 83# FF 100# Sun Testing Company did the testing
Out of the hole at noon and now back on bottom to drill.

GRAND HAVEN LIME 2162'

TOPEKA 2490'

WILSON CREEK TOPEKA 2529'

Estimate reaching LANSING tomorrow morning.

(over)

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2/27 (Saturday)

2/28 (Sunday)

3/1 Red Tiger called advised took

Drill Stem Test #2 from 2980' - 2995'

30-30-30-30

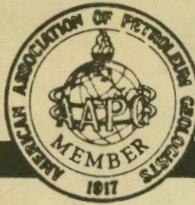
Very weak blow.

Recovered 32' thin watery mud with few oil specks.

Plugged hole at 260' with mud, $\frac{1}{2}$ sack Hulls, 25 sacks cement,
and at 40' with $\frac{1}{2}$ sack hulls, 10 sacks cement.

Plug down at 4:00 p.m. on 2/28/71

Rotary Total Depth 2995'



SOUKUP #2 - NW-NW-NE of Section 22-14S-10W,
Ellsworth County, Kansas

- February 18, 1971 - Red Tiger will move in only the necessary Tools to drill to the Anhydrite (will not set Surface Casing) and if Anhydrite is low will stop drilling.
- February 19, 1971 - Red Tiger got moved in and will start up this evening or in the morning.
4:30 p.m.
Laughlin-Simmons called and elevation is 1774 Gr.
or 1779' Kelly Bushing
- February 20, 1971 - Spudded in the p.m. Dug rathole to 1009'.
- February 21, 1971 - Cut 260' of 12 $\frac{1}{4}$ " hole.
Ran 8 5/8" 20# (new) Surface Casing. Set at 267' cemented with 160 sacks Cement.
Plug down at 9:15 a.m. Blizzard on.
- February 22, 1971 - Down because of "blizzard".
- February 23, 1971 - Getting ready to "kick-off" and started drilling again at 5:00 p.m.
- February 24, 1971 - Drilling at 1634'
Top of Anhydrite 583' to 615' or +1196'
which is 9' high to the VOPAT "E" #1 (+1187') and 7' low to our SOUKUP #1 (+1203')
"scratched my head" and drilling on, expecting the Lansing from -1105 to -1110.
- February 25, 1971 - Drilling at 2165' this morning.
- February 26, 1971 - Drilling at 2540' this morning.
1:30 p.m. Dick Foley called -- took Drill Stem Test #1 from 2519' to 2540' - Open 40 minutes had weak steady blow--recovered 80' Gas Cut and Oil Speck Mud.
Initial Shut In Pressure 183#
20 min. Final Shut In " 166#
Initial Flow Pressure 83#
Final Flow Pressure 100#
Sun Testing Company was out of the hole at noon and at 1:30 p.m. back on bottom drilling.
GRAND HAVEN LIME 2162'
TOPEKA 2490'
"WILSON CREEK" TOPEKA 2529'
Estimate reaching LANSING tomorrow morning.
- March 1, 1971 - Took Drill Stem Test #2 from 2980' to 2995'.
Open 30; shut in 30; open 30, shut in 30.
Very weak blow. Recovered 32' thin watery mud with few oil specks.
Rotary Total Depth 2995'
Plugged hole at 260' with mud, $\frac{1}{2}$ sack Hulls, 25 sacks cement; at 40' plugged with $\frac{1}{2}$ sacks Hulls, 10 sacks cement. Plug down at 4:00 p.m. on 2/28/71.