

HOLE DEVIATION SURVEY
TOM L. INGRAM - NO. 1 WILSON

400' - 0°	8000' - 1°
805' - 1°	8896' - 1°
1209' - 3/4°	9287' - 1°
1611' - 1/2°	9488' - 1°
2014' - 1/2°	9640' - 3/4°
2324' - 1°	9732' - 1-1/4°
2727' - 1°	9983' - 1-1/4°
3065' - 3/4°	10,125' - 1-3/4°
3468' - 3/4°	10,245' - 1-1/4°
3835' - 3/4°	10,325' - 2°
4571' - 1°	10,401' - 1-3/4°
4864' - 1°	10,470' - 2°
5310' - 1-3/4°	10,565' - 2-1/4°
5520' - 1°	10,630' - 1-3/4°
5675' - 1-3/4°	10,715' - 2-1/2°
5981' - 1°	10,780' - 2-3/4°
6111' - 1-1/4°	10,850' - 3°
6300' - 1-3/4°	10,914' - 3°
6642' - 1-3/4°	10,977' - 3-3/4°
6871' - 1-3/4°	11,065' - 3-3/4°
7110' - 1-3/4°	11,115' - 3-1/2°
7328' - 1/2°	11,195' - 4-3/4°
7485' - 1°	11,295' - 5°
7768' - 1/2°	11,338' - 5-3/4°
8000' - 1°	
8117' - 1°	
8365' - 1-1/2°	
8488' - 1-1/2°	
8612' - 1-1/2°	

STATE OF NEW MEXICO)
COUNTY OF CHAVES) SS

1965 APR 26 8 31 AM

I certify that this is a true and correct statement of the Hole Deviation for the
No. 1 Wilson, Section 29, T-8-S, R-38-E, Roosevelt County, New Mexico

By Tom L. Ingram

Title Owner

Sworn and subscribed to before me the undersigned authority, on this 26th day of
April, 1965.

Juan L. Hayes
Notary Public

My Commission Expires:

March 4, 1969

TOM L. INGRAM
NO. 1 WILSON

- Core 9350-9407. Recovered 56-1/2' being: 9350-9364 Limestone. 9364-9369 Shale, 9369-9374 Shaley Lime, 9374-9379 Shale, 9379-9382 Shaley Lime, 9382-9407 Limestone.
- Core 9407-9417. Recovered 9' being: 2' Lime, 5' Shale, 2' Lime.
- Core 9506-9553. Recovered 47' being: 9506-9510 Lime, 9510-9517 Shale, 9517-9541 Lime, 9541-9542 Shale, 9542-9544 Lime, 9544-9553 Limestone.
- DST 9355-9417. Open 30 minutes, had a weak blow for 2 minutes and died. Recovered 90' of mud, no shows. Hydrostatic in 4797, 60 minute ISIP 3410, IF 66, FF 93, 30 minute FSIP 3199, still increasing, hydrostatic out 4788.
- DST 9538-9553. Open 2-1/2 hours, gas to surface 25 minutes TSTM. Recovered 270' MCSW and 7560' SW. Hydrostatic in 4900, 60 min ISIP 3666, IF 3332, FF 3659, 60 minute FSIP 3666, hydrostatic out 4900.
- DST 11,085-11,340. Packer gave way.
- DST 11,032-11,340. Unable to get test.
- DST 11,458-11,465. 940' water blanket. Open 30 minutes, recovered water blanket and 5' mud. FP 395-414, 50 minute FSIP 2837, Hydrostatic in and out 5788.
- DST 11,460-11,481. 990' water blanket. Open 30 minutes. Recovered water blanket and 10' mud. Hydrostatic in 5793, 60 minute ISIP 4514, IF 414, FF 450, 60 minute FSIP 4248, hydrostatic out 5793.
- DST 11,465-11,500. Open 4 hours, 1020' water blanket. Recovered water blanket and 2883' salty sulphur water. Hydrostatic in 5871, 60 minute ISIP 4269, IF 533, FF 1500, 60 minute FSIP 4245, hydrostatic out 5795.
- SPDST 11,100-11,455. 1000' water blanket. Open 30 minutes, recovered water blanket and 90' of mud. 60 minute ISIP 1385, IF 431, FF 431, no final shut-in.
- Attempted off-bottom straddle packer test from 10,755-10,925. Unable to obtain seat.