

Frank B. Odell No. 1 Well

SW, SW, NW,
Section 15-22S-17W,
Pawnee County, Kansas

Drilled for: Amerada Petroleum Corp.
Drilled by: Beardmore Drilling Company

Casing Record:

8-5/8" 1045' w/450 sks

Drilling Commenced: December 21, 1948.
Drilling Completed: January 11, 1949.

| <u>FORMATION</u> | <u>DEPTH</u> |
|-----------------------|--------------|
| Sand | 15 |
| Clay | 70 |
| Shale - shells | 465 |
| Sand - clay | 600 |
| Iron | 680 |
| Shale | 775 |
| Shale - shells | 780 |
| Sand - shale | 990 |
| Anhydrite | 1060 |
| Red rock shale | 1200 |
| Shale - shells | 1480 |
| Shale - lime | 1935 |
| Lime | 2035 |
| Lime - broken - | 2140 |
| Lime | 2205 |
| Shale - shells | 2310 |
| Lime | 2340 |
| Shale - lime | 2490 |
| Lime - shale | 2580 |
| Lime | 2630 |
| Lime - shale | 2780 |
| Shale - lime | 2085 |
| Lime | 3140 |
| Lime broken | 3255 |
| Lime - shale | 3635 |
| Lime | 4035 |
| Shale | 4050 |
| Lime - chert | 4065 |
| Conglomerate of chert | 4090 |
| Chert | 4099 |
| Lime - chert | 4135 |
| Lime - shale - chert | 4155 |
| Lime - shale | 4240 |
| Lime - shale - sand | 4270 |
| Lime - shale | 4326 T.D. |

D. & A.

STATE OF KANSAS

SS

COUNTY OF SEDGWICK

I, the undersigned, being duly sworn on oath, state that the above and within statement is a true and correct log and record of the well drilled on the location above-described, to the best of my knowledge and belief.

Helen Beardmore (signed)

Subscribed and sworn to before me
this 21st day of January, 1949.

Ralph Knox (signed)
Notary Public

My commission expires:

June 27, 1952.

RECEIVED
Conservation
FEB 2 - 1949
STATE COMMISSION
COMMISSIONER
KANSAS

Well No. 1
 Farm Frank Odell
 Elevation 2031' - Derrick Floor
 Location SW/4 SW/4 NW/4
 330' east
 330' north of SW/c NW/4
 Section 12-22S-17W
 Pawnee County, Kansas
 Company Amerada Petroleum Corporation
 Commenced Drlg. 12-21-48
 Completed Drlg. 1-10-49
 Contractor: Beardmore Drilling Company
 Initial Production Dry Hole

| CASING RECORD: | SIZE | WEIGHT | FEET | CEMENT | PERFORATIONS |
|----------------|--------|--------|-------|--------|--------------|
| | 8-5/8" | 25.55# | 1031' | 450 Sx | None |

FORMATION:

| | | |
|------------------------|------|------------|
| Sand | 0 | 15 |
| Clay | 15 | 70 |
| Shale and shells | 70 | 465 |
| Sand and clay | 465 | 600 |
| Iron | 600 | 680 |
| Shale and shells | 680 | 780 |
| Sand and shale | 780 | 990 |
| Shale and anhydrite | 990 | 1032 |
| Anhydrite | 1032 | 1060 |
| Red rock | 1060 | 1200 |
| Shale and shells | 1200 | 1480 |
| Shale and lime | 1480 | 1935 |
| Lime | 1935 | 2035 |
| Broken lime | 2035 | 2140 |
| Lime | 2140 | 2205 |
| Shale and shells | 2205 | 2310 |
| Lime | 2310 | 2340 |
| Lime and shale | 2340 | 2580 |
| Lime | 2580 | 2630 |
| Lime and shale | 2630 | 3085 |
| Lime | 3085 | 3140 |
| Broken Lime | 3140 | 3255 |
| Lime and shale | 3255 | 3635 |
| Lime | 3635 | 4035 |
| Shale | 4035 | 4050 |
| Lime and chert | 4050 | 4065 |
| Chert and conglomerate | 4065 | 4090 |
| Chert | 4090 | 4099 |
| Lime and chert | 4099 | 4135 |
| Lime | 4135 | 4155 |
| Lime and shale | 4155 | 4310 |
| Lime and chert | 4310 | 4321 |
| Lime, shale and chert | 4321 | 4326 T. D. |

GEOLOGICAL TOPS

| | |
|---------------|-------|
| Heedner | 3533' |
| Lansing | 3636' |
| Viola | 4090' |
| Simpson Shale | 4150' |
| Arbuckle | 4185' |

Rotary tools used from 0'

4326" **PLUGGING**
 FILE SEC 15 T 22 R 17W
 BOOK PAGE 80 LINE 5

RECEIVED
 JAN 28 1949
 COMMISSION
 KANSAS