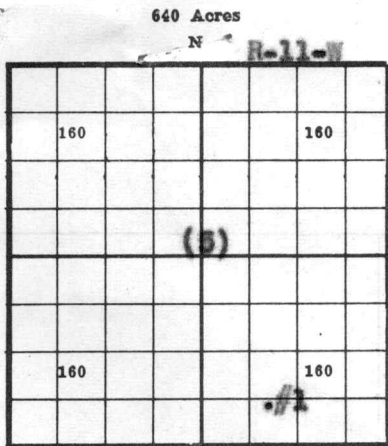


WELL RECORD



COUNTY Stafford, SEC. 5, TWP. 24S, RGE. 11W
 COMPANY OPERATING Stanolind Oil and Gas Company
 OFFICE ADDRESS Box 591, Tulsa, Oklahoma
 FARM NAME J. W. Vincent WELL NO. 1
 DRILLING STARTED 4-29 19 42, DRILLING FINISHED 6-1 19 42
 WELL LOCATED 1/4 SE 1/4 SW 1/4 660 ft. North of South
 Line and 990 ft. East of West Line of Quarter Section.
 ELEVATION (Relative to sea level) DERRICK FLR. 1830 GROUND 1827
 CHARACTER OF WELL (Oil, gas or dry hole) Dry hole

OIL OR GAS SANDS OR ZONES

| Name | From | To | Name | From | To |
|--------------------|------|------|------------|------|------|
| 1 Dodge Lime | 3356 | 3386 | 4 Viola | 3768 | 3871 |
| 2 Lansing | 3386 | | 5 Simpson | 3871 | 3937 |
| 3 Kinderhook Shale | 3703 | 3768 | 6 Arbuckle | 3937 | 3949 |

WATER SANDS

| Name | From | To | Water Level | Name | From | To | Water Level |
|------|------|----|-------------|------|------|----|-------------|
| 1 | | | | 4 | | | |
| 2 | | | | 5 | | | |
| 3 | | | | 6 | | | |

CASING RECORD

| Size | Wt. | Thds. | Make | Amount Set | | Amount Pulled | | Packer Record | | | |
|---------------|-----|-------|--------|------------|-----|---------------|-----|---------------|--------|-----------|------|
| | | | | Ft. | In. | Ft. | In. | Size | Length | Depth Set | Make |
| O.D. 8-5/8 | 32# | 8-Vt | Used | 280' | 0" | (thds. off) | | Landed | 277' | 6" | |
| 5-1/2 | 14# | 8-Rt | Nat'l. | 3777' | 0" | (thds. off) | | Landed | 3780' | 0" | |

Liner Record: Amount _____ Kind _____ Top _____ Bottom _____

CEMENTING AND MUDDING RECORD

| Size | Amount Set | | Sacks Cement | Chemical | | Method Cementing | Amount | Mudding Method | Results (See Note) |
|----------------|------------|-----|--------------|----------|-------|------------------|--------|----------------|--------------------|
| | Feet | In. | | Gal. | Make | | | | |
| O.D. 8 5/8" | 234 | 0 | 140 | | Dewey | Dowell | | | |
| 5 1/2" | 3804 | 0 | 100 | | Atlas | Dowell | | | |

NOTE: What method was used to protect sands when outer strings were pulled? _____

NOTE Were bottom hole plugs used? _____ If so, state kind, depth set and results obtained _____

TOOLS USED

Rotary tools were used from 0 feet to 3796 feet, and from _____ feet to _____ feet
 Cable tools were used from 3796 feet to 3949 feet, and from _____ feet to _____ feet
 Type Rig 94' steel

PRODUCTION DATA

Production first 24 hours _____ bbls. Gravity _____, Emulsion _____ per cent., Water _____ per cent
 Production second 24 hours _____ bbls. Gravity _____, Emulsion _____ per cent., Water _____ per cent
 If gas well, cubic feet per 24 hours _____ Rock Pressure, lbs. per square inch _____

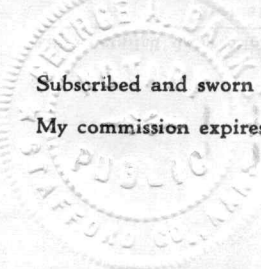
I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

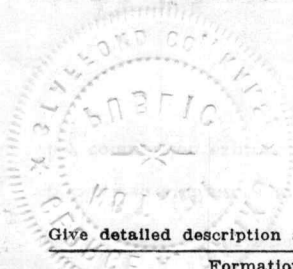
W. B. Snyder, Field Superintendent
 Name and Title

Subscribed and sworn to before me this the 24 th day of July, 19 42.

My commission expires Feb. 6, 1946

George A. Banks
 Notary Public.





FORMATION RECORD

Give detailed description and thickness of all formations drilled through and contents of sand, whether dry, water, oil or gas.

| Formation | Top | Bottom | Formation | Top | Bottom |
|--------------------------|-------------|--------|-----------|-----|--------|
| Cellar | 0 | 9' 3" | | | |
| Sand | 9' 3" | 100 | | | |
| Shale, Shells, & Red Bed | 100 | 290 | | | |
| Red Bed | 290 | 450 | | | |
| Shale Shells | 450 | 1375 | | | |
| Lime & Shale | 1375 | 1560 | | | |
| Broken Lime | 1560 | 1755 | | | |
| Lime-Streaks of Shale | 1755 | 1840 | | | |
| Lime | 1840 | 1892 | | | |
| Sand | 1892 | 1907 | | | |
| Lime | 1907 | 2275 | | | |
| Shale & Shells | 2275 | 2310 | | | |
| Broken Lime | 2310 | 2490 | | | |
| Shale & Shells | 2490 | 2650 | | | |
| Lime | 2650 | 3095 | | | |
| Shale | 3095 | 3155 | | | |
| Lime | 3155 | 3703 | | | |
| Shale | 3703 | 3769 | | | |
| Chert & Shale | 3769 | 3773 | | | |
| Chert & Lime | 3773 | 3789 | | | |
| Lime | 3789 | 3813½ | | | |
| Chert | 3813½ | 3814 | | | |
| Cherty lime | 3814 | 3815 | | | |
| Lime | 3815 | 3822 | | | |
| Cherty lime | 3822 | 3826 | | | |
| Lime | 3826 | 3878 | | | |
| Shale | 3878 | 3937 | | | |
| Arbuckle dolomite | 3937 | 3949 | | | |
| Total Depth | 3949 | | | | |

FORMATION RECORD

REPRODUCED BY THE STATE OF NEVADA

FORMATION RECORD

Give detailed description and thickness of all formations drilled through and contents of sand, whether dry, water, oil or gas.

| Formation | Top | Bottom | Formation | Top | Bottom |
|---|------|--------|--|-------|--------|
| Shale - 4/5, 4/5, 4/5, 5/5, 4/5, 3/5, 3/5, 4/5, 3/5, 3/5, 3/5. | 3100 | 3155 | Samples - limestone white to tan and pink cherty coarsely crystalline becoming slightly dolomitic. 9, 12, 22, 20, 25, 23, 23, 19, 11, 14. | | |
| lime - 5/5, 5/5, 5/5, 5/5, 4/5, 4/5, 5/5, 5/5, 7/5, 5/5, 7/5, 7/5, 6/5, 9/5, 7/5, 7/5, 7/5, 5/5, 7/5, 6/5, 5/5, 6/5, 4/5, 4/5, 3/5, 5/5, 6/5, 5/5, 5/5, 5/5, 5/5, 6/5, 6/5, 5/5, 5/5, 6/5, 5/5, 6/5, 6/5, 6/5, 3/5, 3/5, 6/5, 9/5, 17/5, 5, 7, 5, 4, 4, 4, 4, 4, 4, 5, 4, 5, 5, 4, 4, 4, 4, 5, 5, 4, 5, 5, 4, 4, 4, 4, 4, 5, 5, 4, 5, 4, 4, 3, 2, 4, 1, 1, 3, 15, 20, 19, 17, 25, 28, 28, 36, 35, 37, 21, 54, 5, 9, 8, 6, 5, 7, 10, 5, 4, 4, 1, 2, 3, 3, 3, 7, 4, 6, 5, 6, 34, 26, 29, 54, 11, 21, 3, 1, 3, 5, 5, 5, 20, 20, 20, 25, 17, 28, 7, 10, 15, 22, 29, 18, 15, 20, 28, 27, 39, 40, 44, 30, 25, 49, 50, 43, 37, 38, 43, 37, 35, 30, 55, 60, 60, 4, 5, 6, 7. | 3155 | 3703 | <u>Core No. 3</u> <u>Rec. 2'</u> 3785 - 37' - medium crystalline tan to grey dolomite. Fair cavernous porosity - 3786-87 with fair show of oil and gas. 3797-91 - coarsely crystalline tan to pink dolomite limestone with thin streaks of tan dolomite. Very slight show of oil in sample. 12, 13, 17, 22, 23, 27. | 3785 | 3791 |
| Shale - 10, 9, 9, 7, 5, 7, 8, 8, 6, 6, 6, 8, 7, 9, 10, 10, 8, 6, 8, 10, 10, 8, 9, 8, 7, 7, 7, 7, 7, 7, 7, 8, 8, 7, 7, 7, 7, 7, 7, 7, 7, 6, 6, 6, 7, 6, 7, 7, 6, 7, 7, 6, 7, 7, 6, 6, 5, 5. | 3703 | 3769 | <u>Core No. 4</u> <u>Rec. 4'</u> 3791-92½ - Tan to grey fine to medium crystalline cherty dolomite limestone - spotted staining. Bottom 3" cavernous good porosity and saturation. 3792½ - 96' - Dolomitic grey to tan sugary with grey chert inclusions. Fair inter-crystalline porosity stained throughout. 3792½-94' - medium oil and show of gas. Fine crystalline grey dolomite 3794-95, no show. Fine crystalline, very cherty grey dolomite. 3795-96 with show of oil in dolomitic and tripolitic chert. 26, 19, 19, 19, 22. | 3791 | 3796 |
| Chert & Shale - 5, 9, 13, 13. | 3769 | 3773 | Rigged up cable tools. | | |
| <u>Rotary Core No. 1</u> <u>Rec. 1'</u> | 3773 | 3775 | <u>Coring</u> - lime & chert no saturation, no porosity. | 3796 | 3798 |
| Very Cherty coarsely crystalline pink and buff limestone, no show, few small pieces of fine crystalline grey dolomite inclusions of grey chert. Porosity very low - odor of oil on fresh fracture. | | | <u>Coring</u> - lime, fair recovery, no saturation, hard. | 3798 | 3800 |
| Top Viola - 3768 30,40 | | | <u>Coring</u> - lime very little recovery | 3800 | 3813½ |
| <u>Core No. 2</u> <u>Rec. 3½'</u> | 3775 | 3785 | <u>Coring</u> - chert | 3813½ | 3814 |
| Limestone tan to pink, coarsely crystalline, thin green shale partings. Very cherty streaks with occasional pin-point porosity bleeding oil. | | | <u>Cored</u> - cherty lime - cored 6" recovery. | 3814 | 3815 |
| | | | <u>Drilled</u> - lime | 3815 | 3820 |

FORMATION RECORD

Give detailed description and thickness of all formations drilled through and contents of sand, whether dry, water, oil or gas.

| Formation | Top | Bottom | Formation | Top | Bottom |
|---|------|--------|---|------|---------|
| <u>Cored</u> - Cuttings of hard sandy lime. | 3820 | 3822 | 5 1/2" casing set at 3780' with 100 sacks cement. Riggged up cable tools at 3796'. Drilled plug and cleaned out to bottom, no show oil or water. Acidized with 500 gallons through casing. Maximum pressure 50%. Formation took acid in 10 minutes. Swabbed out load oil and acid water. Well showed trace of oil, no water. Ran calipers at 3850'. Plugged back with Jel Seal and Jel Flake from 3850 - 3796'. Acidized with 2000 gallons using Dowell interface location. Maximum pressure 400%. Put 1190 gallons acid in formation after going on vacuum. Recovered approximately 85 barrels oil and 40 barrels acid water from 155 barrels oil and 48 barrels acid put in hole. Recovered 5 gallons oil and 15 gallons water per hour. Plugged back to depth of 3796. Bailed hole dry. Shot with 20 quarts S.N.G. from 3792 - 96. Cleaned out - no oil in hole. Water broke through at 3760' while cleaning out, filling hole at rate of 200' per hour, 2500' water in hole, no oil. Casing parted at 3656' and 3687', 3rd and 4th joints from bottom. Plugged back to temporarily abandon. | | |
| <u>Coring</u> - Cherty lime, no recovery. | 3822 | 3826 | | | |
| <u>Coring</u> - lime, hard grey lime and chert. | 3826 | 3829 | | | |
| <u>Drilling</u> - lime | 3829 | 3871 | | | |
| <u>Drilling</u> - Shale - green | 3871 | 3937 | | | |
| <u>Drilling</u> - lime | 3937 | 3939 | | | |
| <u>Top Arbuckle</u> - 3937 | | | | | |
| <u>Cable Core No. 1</u> Rec. 0' no hole, no recovery. | | | | | |
| <u>Cable Core No. 2</u> Rec. 2" Fine crystalline buff and brown dolomite, slightly sandy and calcareous low porosity to dense. (Hailer does not show any hole.) | 3939 | 3941 | | | |
| <u>Cable Core No. 3</u> Rec. 2" Dolomite, tan, dense, crystalline, good porosity, no show. | 3941 | 3945 | | | |
| <u>Cable Core No. 4</u> Rec. 3" Tan to grey medium to dense crystalline oolitic dolomite cavernous porosity, no show. | 3945 | 3947 | | | |
| <u>Cable Core No. 5</u> Rec. 6" Tan to grey dense dolomite, shaly and sandy in streaks cavernous porosity, no show. | 3947 | 3948 | | | |
| <u>Cored</u> - 2" Rec. Sandy dolomite, no show | 3948 | 3949 | | 3725 | |
| <u>Total Depth</u> | 3949 | | | | |
| <u>Plugged back</u> | | | | | |
| Core barrel and cavings | 3949 | 3938 | Date of first work | | 4-26-42 |
| 1 sack Incor cement | 3938 | 3932 | Date drilling started | | 4-29-42 |
| Crushed rock | 3932 | 3865 | Date drilling completed | | 6- 8-42 |
| 1 sack Incor cement | 3865 | 3857 | Date well completed as dry hole | | 6-19-42 |
| crushed rock | 3857 | 3812 | Date temporarily abandoned | | 6-24-42 |
| 1 1/2 sack Incor cement | 3812 | 3799 | | | |
| Dumped 1/3 sack Incor cement | 3799 | 3796 | | | |
| Placed 20 quarts of S.N.G. by lumping - | 3796 | | | | |
| P. B. T. D. | 3796 | | | | |
| <u>Production Data</u> | | | | | |

METT RECORD

NITROGEN OIL AND GAS COMPANY