

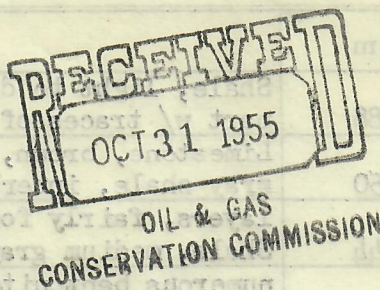
53-W



00751800

File in ☐ locate on Fee and Patented lands and in ☒ quaduplicate on State and School lands, with

OFFICE OF DIRECTOR

OIL AND GAS CONSERVATION COMMISSION,
STATE OF COLORADOLocate
Well
Correctly

LOG OF OIL AND GAS WELL

8-N

(2)

Field _____ Company Sinclair Oil & Gas Company 79090
County Logan Address 601 Denver Club Bldg., Denver, Colo
Lease EARL M. MOYER
Well No. 1 Sec. 2 Twp. 8-N Rge. 53-W Meridian 6th PM State or Pat. Pat.
Location 2970 (N) of South Line and 330 (E) of West line of NW/4 Elevation 4120-GL
(OPRICK HOLE RELATIVE TO SEA LEVEL)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed [Signature]Title Division Superintendent

Date _____

The summary on this page is for the condition of the well as above date.

Commenced drilling 4 PM February 28, 19 55 Finished drilling March 13, 19 55

OIL AND GAS SANDS OR ZONES

No. 1, from 4742 to 4755 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

| SIZE | WT. PER FOOT | MAKE | WHERE LANDED | NO. OF SKS. CEMENT | STOOD HOURS | PRESSURE TEST PSI | HHM |
|------------------------------|--------------|-----------|--------------|--------------------|-------------|-------------------|------|
| 8-5/8" OD | 32 | SS 10V R1 | 133 | 100 | 24 | 200 | AH |
| 5-1/2" OD | 14 & 15.5 | J55 SS R2 | 4742 | 200 | 72 | None | JJD |
| 2-3/8" OD UE | 4.7 | J55 SS R2 | 4750 | | | | FILE |
| "CASING TAILIED THREADS OFF" | | | | | | | |

COMPLETION DATA

Total Depth 4755 ft. Cable Tools from _____ to _____ Rotary Tools from 0 to 4755-TD
Casing Perforations (prod. depth) from None to _____ ft. No. of holes _____
Acidized with None gallons. Other physical or chemical treatment of well to induce flow None

Shooting Record

Prod. began March 13, 19 55 Making 132 bbls./day of 9 hrs. A. P. I. Gravity Fluid on 2" open Pump ☐ Choke. ☐ Tbg. ☐
Tub. Pres. 35 lbs./sq. in. Csg. Pres. 0 lbs./sq. in. Gas Vol. _____ Mcf. Gas Oil Ratio 600:1
Length Stroke _____ in. Strokes per Min. _____ Diam. Pump _____ in.
B. S. & W. _____ % Gas Gravity _____ BTU's/Mcf. _____ Gals. Gasoline/Mcf. _____

WELL DATA

Indicate (yes or no) whether or not the following information was obtained.

Electrical Log Yes Date March 6, 19 55 Straight Hole Survey Yes Type Sperry-Sun
Microlog Yes Date March 6, 19 55 Other Types of Hole Survey Yes Type Caliper

Time Drilling Record

(Note—Any additional data can be shown on reverse side.)

Core Analysis _____ Depth _____ to _____
_____ to _____

FORMATION RECORD

Show all formations, especially all sands and character and contents thereof.

| FORMATION | TOP | BOTTOM | REMARKS |
|-----------|------|--------|---|
| PIERRE | 0 | 3868 | Shale, light gray to dark gray, slightly bentonitic and silty in part. |
| NIOBRARA | 3868 | 4235 | Shale, light to dark gray w/minute calc. nodules bentonitic in part w/trace pyrite & aragonite. |
| FT. HAYS | 4235 | 4267 | Limestone, white, chalky. |
| CODELL | 4267 | 4276 | Sandstone, white, very fine grained, glauconitic. |

(Continue on reverse side)

2-8N-53W

| Formation | Top | Bottom | Remarks |
|--------------------------------|---|--------|---|
| CARLILE | 4276 | 4488 | Shale, light to dark gray, fissile, sandy in part w/ traces of pyrite and aragonite. |
| GREENHORN | 4488 | 4650 | Limestone, brown, crystalline w/light to dark gray shale, interbedded, few thin bentonite layers, fairly fossiliferous. |
| GRANEROS | 4650 | 4744 | Shale, medium gray to dark gray, fissile, numerous bentonite zones. Traces of pyrite and aragonite. |
| "D" SAND | 4744 | 4756 | Sandstone, light gray, fine grained, moderately cemented, fair p&p, good solid yellow fluores- |
| STRUCTURE: | The "D" Sand was 3' higher in this well than depicted on the sub-surface maps. This well is a northeast stepout to the Divide Pool. It is located on broad west trending nose and is 5' higher than the Duncan #3 producer located one-fourth mile to the southwest. | | |
| DRILL STEM TEST: | 4744-55 "D", 1/2" open 1 hour, 18 mins., shut in 20 mins, strong blow immediately, gas to surface 4 mins., blow decreased toward end of test, recovered 3960' fluid; 30' oil cut mud, 20' slightly water cut mud, Flow pressure 50-700, Shut in pressure 920, HH 2550-2500. | | |
| GEOLOGICAL TOPS (Schlumberger) | CORE DESCRIPTIONS: 4747-55 "D", rec. 8', 2 1/2' sandstone, gray, fine grained, fair p&p, bleeding oil from vertical fracture, good solid fluorescence and odor, appears wet, 3' shale, black, slightly reworked, 2 1/2' sandstone, light gray, very fine grained, tight sandstone, no shows, reworked shale in bottom foot. Permeability horizontal: 211-219, permeability vertical 239-302, porosity 23% oil 12 1/2%, water 44%. | | |
| Niobrara | 3868 / 353 | | |
| Ft. Hays | 4235 -115 | | |
| Codell | 4267 -147 | | |
| Carlile | 4276 -156 | | |
| Greenhorn | 4488 -368 | | |
| "D" Sand | 4744 -624 | | |
| COMPLETION DATA | COMPLETED, Flowed 132 bbls, 40.8 corr. gravity oil 9 hours, from "D" Sand open hole 4742-55, GOR 600-1 tubing pressure 35 psi, "Calculated" potential - 352 bbls, oil 24 hours. | | |