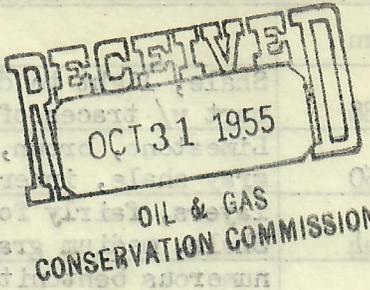


53-W



File in Heate on Fee and Patented lands and in quadruplicate on State and School lands, with  
 OFFICE OF DIRECTOR  
 OIL AND GAS CONSERVATION COMMISSION,  
 STATE OF COLORADO

Locate Well Correctly



8-N

		(2)	

LOG OF OIL AND GAS WELL

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 Ft. (N) of South Line and 330 Ft. (E) of West line of NW/4 Elevation 4120-GL  
(CORRECTED FROM PREVIOUS LOG)

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. <sup>9 hrs.</sup> of 10.8 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 \_\_\_\_\_

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.

FORMATION RECORD

2-8N-530

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 fluorescence, good stain of oil.
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'		
Niobrara	3868 / 353		sandstone, gray, fine grained, fair p&p,
Ft. Hays	4235 -115		bleeding oil from vertical fracture, good solid
Codell	4267 -147		fluorescence and odor, appears wet, 3' shale,
Carlile	4276 -156		black, slightly reworked, 2 1/2' sandstone, light
Greenhorn	4488 -368		gray, very fine grained, tight sandstone, no
"D" Sand	4744 -624		shows, reworked shale in bottom foot. Permeability horizontal: 211-219, permeability vertical 239-302, porosity 23% oil 12 1/2%, water 44%.
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.		