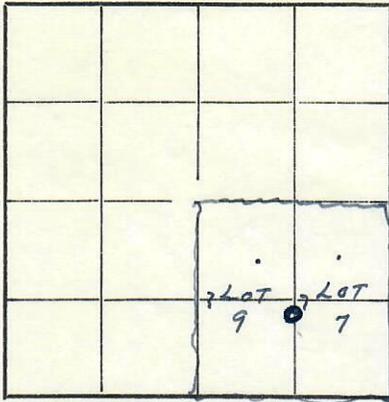


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Locate Well Correctly



File in triplicate 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

LOG OF OIL AND GAS WELL

Field Rangely Company Cobb-Stringer  
 County Rio Blanco Address P.O. Box 118, Denver 1, Colorado  
 Lease Hefley  
 Well No. 3 Sec. 2 Twp. 1 N Rge. 102 W Meridian 6th State or Pat. Pat.

Location 660 Ft. So. of the Centers of N. Halves of Lots 7 & 9. (N) Ft. (S) of 660 Line and 660 Ft. (E) (W) of 660 line of 660 Elevation 6467  
 (Derrick floor 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 \_\_\_\_\_

Date \_\_\_\_\_ Title \_\_\_\_\_

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

Commenced drilling Dec. 4th, 19 48 Finished drilling Feb. 19, 19 49

"Weber Sand"

OIL AND GAS SANDS OR ZONES

No. 1, from 5885 to 6339 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
<u>10-3/4"</u>	<u>42#</u>	<u>Range 1</u>	<u>414'</u>	<u>225</u>	<u>48</u>	
<u>7"</u>	<u>27#</u>	<u>N-80</u>	<u>4144'</u>			
<u>7"</u>	<u>27#</u>	<u>J-55</u>	<u>5875'</u>	<u>500</u>	<u>96</u>	<u>900</u>

COMPLETION DATA

Total Depth 6339 ft. Cable Tools from \_\_\_\_\_ to \_\_\_\_\_ Rotary Tools from 0 to 5885  
 Casing Perforations (prod. depth) from \_\_\_\_\_ to \_\_\_\_\_ ft. No. of holes \_\_\_\_\_  
 Acidized with \_\_\_\_\_ gallons. Other physical or chemical treatment of well to induce flow \_\_\_\_\_  
 Shooting Record \_\_\_\_\_

Prod. began Mar. 1, 19 49. Making 56 bbls./day of 34.6. A. P. I. Gravity Fluid on \_\_\_\_\_ Pump   
 Choke.   
 Tub. Pres. \_\_\_\_\_ lbs./sq. in. Csg. Pres. \_\_\_\_\_ lbs./sq. in. Gas Vol. \_\_\_\_\_ Mcf. Gas Oil Ratio \_\_\_\_\_  
 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 \_\_\_\_\_ Date \_\_\_\_\_ 19 \_\_\_\_\_ Straight Hole Survey \_\_\_\_\_ Type \_\_\_\_\_  
 \_\_\_\_\_ Date \_\_\_\_\_ 19 \_\_\_\_\_ Other Types of Hole Survey \_\_\_\_\_ Type \_\_\_\_\_

Time Drilling Record \_\_\_\_\_ (Note—Any additional data can be shown on reverse side.)

Core Analysis \_\_\_\_\_ Depth 5885 to 6339  
 \_\_\_\_\_ to \_\_\_\_\_

FORMATION RECORD

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

FORMATION	TOP	BOTTOM	REMARKS