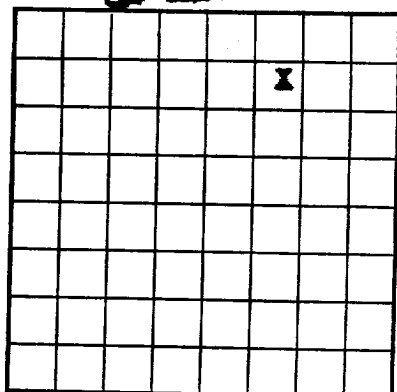


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **031741 (b)**
LEASE OR PERMIT TO PROSPECT **Lease**

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Continental Oil Company** Address **Box CC, Hobbs, New Mexico**
Lessor or Tract **W. C. Hawk B-10** Field **North Brunson** State **New Mexico**
Well No. **1-E** Sec. **10** T. **21S** R. **37E** Meridian **N.M.P.M.** County **Lea**
Location **990** ft. {N.} of **N** Line and **1650** ft. {E.} of **E** Line of **Sec. 10** Elevation **3434**
(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.

Date **May 25, 1951** Signed **E. L. Shaffer** Title **District Superintendent**

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

Commenced drilling **February 21**, 19 **51** Finished drilling **May 7**, 19 **51**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **7789** to **7930** 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 casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10 3/4	32.75	8		246					
7 5/8	28	8		3087					
5 1/2	25.5	8		1617					
5 1/2	17	8		3362					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	253	250	Pump & Plug		
7 5/8	3071	1210	Pump & Plug		
5 1/2	7922	625	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		NONE				

TOOLS USED

Rotary tools were used from **0** feet to **7950** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing **May 21**, 19 **51**

The production for the first 24 hours was **716** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment.

Gravity, °Bé. **44**

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

B. C. Dunn, Driller **J. E. Edwards**, Driller
M. C. Foulds, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1250	1250	Surface sands and bed beds.
1250	1350	100	Anhydrite.
1350	2430	1080	Salt and anhydrite.
2430	2860	430	Anhydrite and gypsum.
2860	3075	215	Anhydrite and lime.
3075	7930	4855	Lime.
7930	7935	5	Granite wash.
7935	7950	15	Granite.

DST #1 from 7450 to 7529', tool open 2 hrs. 30 mins. Gas to surface in 4 mins., fluid in 7 mins. Cleaned into pits for 19 mins. 1st hr. flowed 33 bbls. oil, no water, GOR 2715. 2nd hr. flowed 50.5 bbls. oil, no water, GOR 1776.

Set 5 1/2" csg. at 7922' w/625 sack cement. Perforated csg. from 7820-7852' w/128 shots; 7860-7872' w/48 shots; 7880-7896' w/64 shots; and 7908-7930' w/88 shots. Acidized thru perforations w/1000 gals. On initial potential flowed 179 bbls. of 44 deg. gravity oil and no water in 6 hrs. thru 3/4" choke on 2 1/2" tubing for a daily potential of 716 bbls. oil. Gas volume 773.6 MCF per day. GOR 1080. CP 0%; TP 200%.