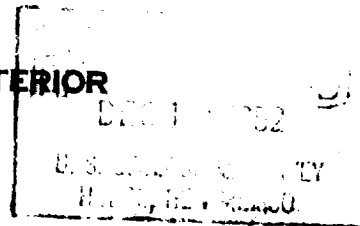


U. S. LAND OFFICE **LOS CRUCES**
SERIAL NUMBER **091741 (b)**
LEASE OR PERMIT TO PROSPECT **TFU**



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company **Continental Oil Company** Address **Box 427-Hobbs, New Mexico**
Lessor or Tract **Q. Harte D-8 No. 3** Field **Drinkard** State **New Mexico**
Well No. **3** Sec. **8** T. **21S** R. **37E** Meridian **10PM** County **Lea**
Location **660** ft. **N.** of **S** Line and **1980** ft. **W.** of **E** Line of **Sec. 8** Elevation **3511**
(Denotes elev. 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 **December 11, 1952**

Signed **J. V. Chittenden**
Title **Asst. District Superintendent**

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

Commenced drilling **September 4,** 19**52** Finished drilling **October 12,** 19**52**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **6628** to **6655** 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—	
13 3/8 42	5	16-10	228.17	G 1/2					
9 5/8 24	5	16-10	228.17	G 1/2					
8 1/2 22.3	5	16-10	228.17	G 1/2					
6 3/4 16	5	16-10	228.17	G 1/2					
4 1/2 10	5	16-10	228.17	G 1/2					
3 1/2 8	5	16-10	228.17	G 1/2					
2 1/2 6	5	16-10	228.17	G 1/2					
2 1/4 5	5	16-10	228.17	G 1/2					
2 1/8 4	5	16-10	228.17	G 1/2					
1 3/4 3	5	16-10	228.17	G 1/2					
1 3/8 2	5	16-10	228.17	G 1/2					
1 1/2 1	5	16-10	228.17	G 1/2					
1 1/4 1	5	16-10	228.17	G 1/2					
1 1/8 1	5	16-10	228.17	G 1/2					
1 1/16 1	5	16-10	228.17	G 1/2					
1 1/32 1	5	16-10	228.17	G 1/2					
1 1/64 1	5	16-10	228.17	G 1/2					
1 1/128 1	5	16-10	228.17	G 1/2					
1 1/256 1	5	16-10	228.17	G 1/2					
1 1/512 1	5	16-10	228.17	G 1/2					
1 1/1024 1	5	16-10	228.17	G 1/2					
1 1/2048 1	5	16-10	228.17	G 1/2					
1 1/4096 1	5	16-10	228.17	G 1/2					
1 1/8192 1	5	16-10	228.17	G 1/2					
1 1/16384 1	5	16-10	228.17	G 1/2					
1 1/32768 1	5	16-10	228.17	G 1/2					
1 1/65536 1	5	16-10	228.17	G 1/2					
1 1/131072 1	5	16-10	228.17	G 1/2					
1 1/262144 1	5	16-10	228.17	G 1/2					
1 1/524288 1	5	16-10	228.17	G 1/2					
1 1/1048576 1	5	16-10	228.17	G 1/2					
1 1/2097152 1	5	16-10	228.17	G 1/2					
1 1/4194304 1	5	16-10	228.17	G 1/2					
1 1/8388608 1	5	16-10	228.17	G 1/2					
1 1/16777216 1	5	16-10	228.17	G 1/2					
1 1/33554432 1	5	16-10	228.17	G 1/2					
1 1/67108864 1	5	16-10	228.17	G 1/2					
1 1/134217728 1	5	16-10	228.17	G 1/2					
1 1/268435456 1	5	16-10	228.17	G 1/2					
1 1/536870912 1	5	16-10	228.17	G 1/2					
1 1/1073741824 1	5	16-10	228.17	G 1/2					
1 1/2147483648 1	5	16-10	228.17	G 1/2					
1 1/4294967296 1	5	16-10	228.17	G 1/2					
1 1/8589934592 1	5	16-10	228.17	G 1/2					
1 1/17179869184 1	5	16-10	228.17	G 1/2					
1 1/34359738368 1	5	16-10	228.17	G 1/2					
1 1/68719476736 1	5	16-10	228.17	G 1/2					
1 1/137438953472 1	5	16-10	228.17	G 1/2					
1 1/274877906944 1	5	16-10	228.17	G 1/2					
1 1/549755813888 1	5	16-10	228.17	G 1/2					
1 1/1099511627776 1	5	16-10	228.17	G 1/2					
1 1/2199023255552 1	5	16-10	228.17	G 1/2					
1 1/4398046511104 1	5	16-10	228.17	G 1/2					
1 1/8796093022208 1	5	16-10	228.17	G 1/2					
1 1/17592186044416 1	5	16-10	228.17	G 1/2					
1 1/35184372088832 1	5	16-10	228.17	G 1/2					
1 1/70368744177664 1	5	16-10	228.17	G 1/2					
1 1/140737488355328 1	5	16-10	228.17	G 1/2					
1 1/281474976710656 1	5	16-10	228.17	G 1/2					
1 1/562949953421312 1	5	16-10	228.17	G 1/2					
1 1/1125899906842624 1	5	16-10	228.17	G 1/2					
1 1/2251799813685248 1	5	16-10	228.17	G 1/2					
1 1/4503599627370496 1	5	16-10	228.17	G 1/2					
1 1/9007199254740992 1	5	16-10	228.17	G 1/2					
1 1/18014398509481984 1	5	16-10	228.17	G 1/2					
1 1/36028797018963968 1	5	16-10	228.17	G 1/2					
1 1/72057594037927936 1	5	16-10	228.17	G 1/2					
1 1/144115188075855872 1	5	16-10	228.17	G 1/2					
1 1/288230376151711744 1	5	16-10	228.17	G 1/2					
1 1/576460752303423488 1	5	16-10	228.17	G 1/2					
1 1/1152921504606846976 1	5	16-10	228.17	G 1/2					
1 1/2305843009213693952 1	5	16-10	228.17	G 1/2					
1 1/4611686018427387904 1	5	16-10	228.17	G 1/2					
1 1/9223372036854775808 1	5	16-10	228.17	G 1/2					
1 1/18446740673709551616 1	5	16-10	228.17	G 1/2					
1 1/36893481347419103232 1	5	16-10	228.17	G 1/2					
1 1/73786962694838206464 1	5	16-10	228.17	G 1/2					
1 1/147573925389676412928 1	5	16-10	228.17	G 1/2					
1 1/295147850779352825856 1	5	16-10	228.17	G 1/2					
1 1/590295701558705651712 1	5	16-10	228.17	G 1/2					
1 1/1180591403117411303424 1	5	16-10	228.17	G 1/2					
1 1/2361182806234822606848 1	5	16-10	228.17	G 1/2					
1 1/4722365612469645213696 1	5	16-10	228.17	G 1/2					
1 1/9444731224939290427392 1	5	16-10	228.17	G 1/2					
1 1/18889462449876580845784 1	5	16-10	228.17	G 1/2					
1 1/37778924899753161691568 1	5	16-10	228.17	G 1/2					
1 1/75557849799506323383136 1	5	16-10	228.17	G 1/2					
1 1/151115699599012646766272 1	5	16-10	228.17	G 1/2					
1 1/302231399198025293532544 1	5	16-10	228.17	G 1/2					
1 1/604462798396050587065088 1	5	16-10	228.17	G 1/2					
1 1/1208925596792101174130176 1	5	16-10	228.17	G 1/2					
1 1/2417851193584202348260352 1	5	16-10	228.17	G 1/2					
1 1/4835702387168404696520704 1	5	16-10	228.17	G 1/2					
1 1/9671404774336809393041408 1	5	16-10	228.17	G 1/2					
1 1/19342809548673618786082816 1	5	16-10	228.17	G 1/2					
1 1/38685619097347237572165632 1	5	16-10	228.17	G 1/2					
1 1/77371238194694475144331264 1	5	16-10	228.17	G 1/2					
1 1/154742476389388950288662528 1	5	16-10	228.17	G 1/2					
1 1/309484952778777900577325056 1	5	16-10	228.17	G 1/2					
1 1/618969905557555801154650112 1	5	16-10	228.17	G 1/2					
1 1/1237939811115111602309300224 1	5	16-10	228.17	G 1/2					
1 1/2475879622230223204618600448 1	5	16-10	228.17	G 1/2					
1 1/4951759244460446409237200896 1	5	16-10	228.17	G 1/2					
1 1/9903518488920892818474401792 1	5	16-10	228.17	G 1/2					
1 1/19807036977841785636948803584 1	5	16-10	228.17	G 1/2					
1 1/39614073955683571273897607168 1	5	16-10	228.17	G 1/2					
1 1/79228147911367142547795214336 1	5	16-10	228.17	G 1/2					
1 1/158456295822734285095590428672 1	5	16-10	228.17	G 1/2					
1 1/316912591645468570191180857344 1	5	16-10	228.17	G 1/2					
1 1/633825183290937140382361714688 1	5	16-10	228.17	G 1/2					
1 1/1267650366581874280764723429376 1	5	16-10	228.17	G 1/2					
1 1/2535300733163748561529446858752 1	5	16-10	228.17	G 1/2					
1 1/5070601466327497123058893717504 1	5	16-10	228.17	G 1/2					
1 1/10141202926654994246117787435008 1	5	16-10	228.17	G 1/2					
1 1/20282405853309988492235574870016 1	5	16-10	228.17	G 1/2					
1 1/40564811706619976984471149740032 1	5	16-10	228.17	G 1/2					
1 1/81129623413239953968942299480064 1	5	16-10	228.17	G 1/2					
1 1/162259246826479907937884598960128 1	5	16-10	228.17	G 1/2					
1 1/324518493652959815875769197920256 1	5	16-10	228.17	G 1/2					
1 1/649036987305919631751538395840512 1	5	16-10	228.17	G 1/2					
1 1/1298073974611839263503076791680224 1	5	16-10	228.17	G 1/2					
1 1/2596147949223678527006153583360448 1	5	16-10	228.17	G 1/2					
1 1/519 1	5	16-10	228.17	G 1/2					
1 1/1038 1	5	16-10	228.17	G 1/2					
1 1/2076 1	5	16-10	228.17	G 1/2					
1 1/4152 1	5	16-10	228.17	G 1/2					
1 1/8304 1	5	16-10	228.17	G 1/2					
1 1/16608 1	5	16-10	228.17	G 1/2					
1 1/33216 1	5	16-10	228.17	G 1/2					
1 1/66432 1	5	16-10	228.17	G 1/2					
1 1/132864 1	5	16-10	228.17	G 1/2					
1 1/265728 1	5	16-10	228.17	G 1/2					
1 1/531456 1	5	16-10	228.17	G 1/2					
1 1/1062912 1	5	16-10	228.17	G 1/2					
1 1/2125824 1	5	16-10	228.17	G 1/2					
1 1/4251648 1	5	16-10	228.17	G 1/2					
1 1/8503296 1	5	16-10	228.17	G 1/2					
1 1/17006592 1	5	16-10	228.17	G 1/2					
1 1/34013184 1	5	16-10	228.17	G 1/2					
1 1/68026368 1	5	16-10	228.17	G 1/2					
1 1/136052736 1	5	16-10	228.17	G 1/2					
1 1/272105472 1	5	16-10	228.17	G 1/2					
1 1/544210944 1	5	16-10	228.17	G 1/2					
1 1/1088421888 1	5	16-10							

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Exp. No.	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

HISTORY OF OIL OR GAS WELL

TOOLS USED

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the tools used, the results. If the well has been dynamited, state fully the date, size, position, and number of charges used. If the well has been dynamited, give date, size, position, and number of charges used. If the well has been dynamited, give date, size, position, and number of charges used.

DATES

Put to producing October 18, 1952

The production for the first 24 hours was 396 barrels of fluid of which 97% was oil; 3% water; and 0% sediment.

If gas well, cu. ft. per 24 hours Gravity, °Bé.

Rock pressure, lbs. per sq. in.

EMPLOYEES

Driller Driller Driller

FORMATION RECORD

FROM—	TO—	FORMATION
0	1300	1300
1300	1460	160
1460	2520	1060
2520	2820	300
2820	3070	2250
3070	5940	2870
5940	6645	705
6645	6722	77

DET. No. 5689' - 5940', Silty formation. Tool open 1 hour. Light blow of air for 22 minutes. Recovered 40' drilling mud, no oil and water.

DET. No. 6200' - 6445', Tubo formation, tool open 1 hour, slight blow of air through out test, recovered 40' of drilling mud, no oil or gas. Hydrostatic pressure 3525#, 15 minutes SI test. Flowing pressure 100-100%.

Drilled to total depth of 6722'. Initial potential flow 49 barrels of 40 degree gravity oil and 1.5 barrel water in 6 hours thru 3/4" choke on 2" tubing for a daily potential of 196 barrels oil and 6 bbls. water. Gas volume 85.3 CF per day. GOR 435. CP packer at 6596'. TP 46#. Well was not shot. Well was acidized with 1,000 gallons from 6628' to 6651'.

DEPARTMENT OF THE INTERIOR

DRILLED - REVEAL

FROM

TO

FOOT FEET

COVER

FORMATION