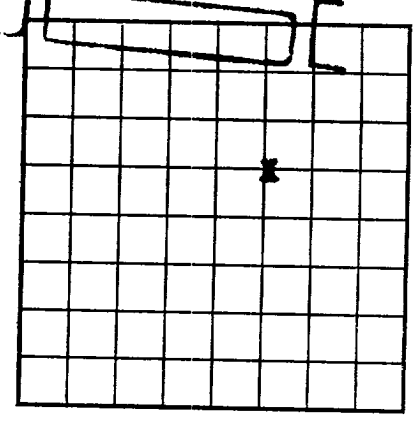
DUPLICATE

Form 9-330



LOCATE WELL CORRECTLY

Budget Bureau No. 42-R355.1.
Approval Expires 11-30-49.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 27 1951
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box CC, Hobbs, N. M.
Lessor or Tract W. C. Hawk B-10 Field Skaggs State New Mexico
Well No. 2-E Sec. 10 T. 21S R. 37E Meridian N.M.P.M. County Lea
Location 1980 ft. {N. / S.} of N Line and 1980 ft. {E. / W.} of E Line of Section 10 Elevation 3450 (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 [illegible]

Date August 28, 1951 Title District Superintendent

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

Commenced drilling May 11, 1951 Finished drilling June 22, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7815 to 7970 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 From—	Perforated To—	Purpose
10 3/4	32.75	8R	H-40	241	Gl. Shoe				Shut off water
7 5/8	24	8R	H-40	3118	G. Shoe & F. Collar				Protect Salt Sec.
5 1/2	17	8R	J-55	2921					
5 1/2	15.5	8R	J-55	1612					
5 1/2	14	8R	J-55	3503	G. Shoe & F. Collar		(See History)		Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	268	250	Pump & Plug		
7 5/8	3099	1150	Pump & Plug		
5 1/2	7980	750	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

TOOLS USED

Rotary tools were used from 0 feet to 7981 feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing June 30, 1951

The production for the first 24 hours was 1344 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment. Gravity, °Bé. 42

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

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

R. E. Sunkers, Driller B. C. Sparkman, Driller
S. H. Breland, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1260	1260	Surface sands and red beds.
1260	1370	110	Anhydrite.
1370	2430	1060	Salt and anhydrite.
2430	2725	295	Anhydrite and gyp.
2725	3100	670	Anhydrite and lime.
3100	7970	4870	Lime.
7970	7981	11	Granite wash.

DST #1, 5600-5750', open 1 hr., gas in 23 mins., flowed 1545 MCF.
DST #2, 6590-6763', open 1 hr., mod. blow air throughout test. No gas to surface. Recovered 780' slightly gas-cut mud, bottom 180' cut 2% oil.
DST #3, 7485-7571', open 1 hr. 25 mins., gas in 4 mins., fluid in 9 mins., flowed 77 BO/1 hr., no water, w/15.71 MCF gas, GOR 851.
DST #4, 7712-7746', open 1 hr. 50 mins., gas in 4 mins., fluid in 40 mins. Flowed 22 BO/ 1 hr. w/783 MCF gas.
DST #5, 7790-7981', open 1 hr. 22 mins., gas in 5 mins., fluid in 12 mins., oil in 22 mins. Tested 74.20 BO, no water, in 1 hr., 1080 MCF gas.

Set 5 1/2" csg. at 7980', perforated 7965-7928', 7916-7870', and 7857-7827', w/452 shots. Acidized w/1000 gals., total depth 7981', plugged back 7980'. Completed for initial potential of 1344 BOPD, no water, based on 6 hr. test of 336 BO flowing thru 30/64" choke on 2 1/2" tubing, w/1459 MCF gas per day, GOR 1085, CP 600#, TP 675#.

(OVER)

16—43094-2

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

16—43004-1 U. S. GOVERNMENT PRINTING OFFICE

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 reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.