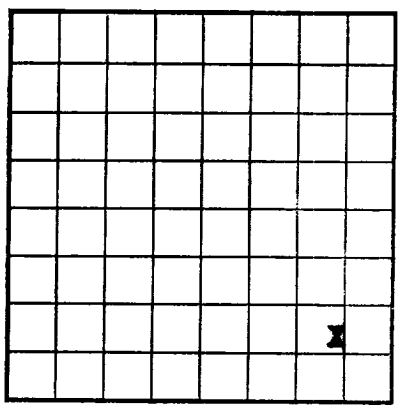
Form 9-330

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



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 W. C. Hawk B-3 No. 1-S Field Wildcat State New Mexico

Well No. 1-S Sec. 3 T. 21S R. 37E Meridian N.M.P.M. County Lea

Location 810 ft. {N.} of S Line and 660 ft. {E.} of E Line of Section 3 Elevation 3464
(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 E. L. Shugart

Date October 30, 1951 Title District Superintendent

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

Commenced drilling 8-20, 1951 Finished drilling 9-29, 1951

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 7522 to 7676 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	8 R	LW	237	Guide				
7 5/8	26.40	8 R	N-80	3171	F. collar & G. shoe				
5 1/2	17	8 R	J-55	1389	F. collar & G. shoe				
5 1/2	15.5	8 R	J-55	2469					
5 1/2	14	8 R	J-55	4188			See History		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	260	250	Pump & Plug		
7 5/8	3149	1420	Pump & Plug		
5 1/2	7805	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

TOOLS USED

Rotary tools were used from 0 feet to 7807 feet, and from ____ feet to ____ feet

R.C.R. tools were used from 7807 feet to 7825 feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing 10-10, 1951

The production for the first 24 hours was 600 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment. Gravity, °Bé. 43

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

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

W. T. McCracken, Driller C. C. Gibbs, Driller

Otho Ward, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1320	1320	Surface sands and redbed.
1320	1375	55	Redbeds and anhydrite.
1375	1410	35	Anhydrite.
1410	1630	220	Salt.
1630	2520	890	Anhydrite and salt.
2520	3150	630	Anhydrite and gyp.
3150	7550	4400	Lime.
7550	7660	110	Lime and sand.
7660	7740	80	Lime and shale.
7740	7825	85	Lime.

DST #1 - 7500-7655', tool open 1 hour, 30 minutes, gas to surface in 4 minutes, fluid in 15 minutes. Flowed 68 barrels oil, no water, on 1 hour test. Gas 1328.9 MCF per day, GOR 815.

Set bridging plug at 7800'. Perforated 5 1/2" casing from 7528-7576' with 192 shots; 7588-7616' with 112 shots; 7626-7643' with 88 shots; and 7658-7676' with 72 shots.

Swabbed well in and on initial potential flowed 150 barrels of 43 degree gravity oil and no water in 6 hours through 32/64" choke, on 2 1/2" tubing, for a daily potential of 600 barrels oil. Gas volume 521 MCF per day. GOR 868. CP 0#, TP 50#.

16—43094-2

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD

EMPLOYEES

DATES

TOOLS USED

Depth set	Depth shot	Date	Quantity	Explosive used	Depth cleaned out

SHOOTING RECORD

PLUGS AND ADAPTERS

CASING RECORD

Size	Weight	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	Purpose

IMPORTANT WATER SANDS

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

HISTORY OF OIL OR GAS WELL

16—43094-1 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.

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
UNITED STATES
GEOLOGICAL SURVEY

OIL CONSERVATION COMMISSION
RECEIVED
OCT 2 1 1948
ROSWELL, OFFICE

L. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

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