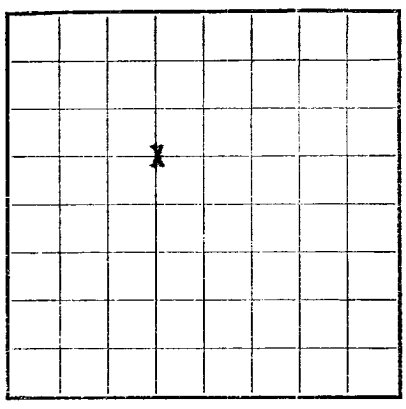
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 030186 a
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

New well

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 68, Eunice, New Mexico
Lessor or Tract Cline A-15 Field Langlie Mattix State New Mexico
Well No. 5 Sec. 15 T. 23 R. 37 Meridian NMPM County Lea
Location 1980 ft. [N.] of N Line and 1980 ft. [E.] of W Line of Sec 15 Elevation 3306' KB (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 J. K. Parker

Date April 12, 1960 Title District Superintendent

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

Commenced drilling 3-16-60, 19 Finished drilling 3-26-60, 19

Perforations in OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3579 to 3582 No. 4, from 3651 to 3656
No. 2, from 3596 to 3601 No. 5, from 3663 to 3669
No. 3, from 3603 to 3608 No. 6, from 3687 to 3691

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
7 5/8	24#	8	U-40	357	Guide		See above		
4 1/2	9.5#	8	J-55	3682	Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 5/8	366	200	Pump & plug		
4 1/2	3700	1625 cu. ft.	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 3700 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

, 19 Put to producing April 10, 1960, 19

The production for the first 24 hours was 93 barrels of fluid of which 61 % was oil; % emulsion; 39 % water; and % sediment. Gravity, °Bé. 39

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

J. W. Ellis, Driller T. V. Lemons, Driller
L. W. Jamison, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1124		Surface calichie & Red Beds
1124	1222		Anhydrite
1222	2523		Salt
2523	2668		Anhydrite, shale and sand
2668	2936		Sand, Dolo and Anhydrite
2936	3449		Sand & Dolo
3449	3573		Sand, Dolo & Anhydrite
3573	3700		Sand, shale & Dolo

TD 3700', KB 13', elev 3306' KB, pay Penrose 3579-3691', net effective pay 28', Csg Pt 4 1/2" at 3700', perf 3579-82', 3596-3601', 3603-08', 3651-56', 3663-69', 3687-91' W/4 JSPF by Collar Log. Tops: Rustler 1124', Salado 1222', Tansill 2523', Yates 2668', Seven Rivers 2936', Queen 3449', Penrose 3573'. Log Comparison: 3579' on Depth Control Log is 3576' Accoustilog, 3575' on Core. IP flwd 57 Bbls 39 deg grav oil, 36 BW in 24 hrs, TP 0 lbs, CP 0 lbs, W/15.6 MCFGPD, GOR 274, DOR 57 Bbls. Est daily allow 35 BO. TRTD W/10,000 gals crude, 20,000 lbs sand, 250 lbs Adomite, 80 ball sealers. PL Conn Texas New Mexico Pipe Line. Drlg started 3-16-60, Comp 3-26-60, TSTD 4-10-60, rig released 3-26-60.

Tops picked from electric log.

FROM	TO	TOTAL FEET	FORMATION

[OVER]

16—43094-4

FORMATION RECORD—CONTINUED

0/3 UOGC WAM Pan Am-Hobbs-3;
Atl-Mid-2; Standard-Houston, Mid 1 ea; file

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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.