Form 9-330

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

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 030556 b
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

New w ell

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 68, Eunice, New Mexico
Lessor or Tract Stevens B-12 Field Langlie Mattix State New Mexico
Well No. 8 Sec. 12 T. 23 R. 36 Meridian NMPM County Lea
Location 660 ft. N. of N Line and 660 ft. E. of E Line of Sec 12 Elevation 3418' 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 May 9, 1960 Title District Superintendent

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

Commenced drilling April 24, 1960, 19 Finished drilling May 3, 1960, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3644 to 3662 No. 4, from to
No. 2, from 3694 to 3706 No. 5, from to
No. 3, from 3712 to 3718 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
7 5/8	24#	8	Lone Star	336	Guide				
4 1/2	9.5#	8	Lone Star	3735	Float		3644	3662	Oil
							3694	3706	Oil
							3712	3718	Oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 5/8	336	200	Pump & plug		
4 1/2	3735	615	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 3735 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

, 19 Put to producing May 5, 1960, 19

The production for the first 24 hours was 168 barrels of fluid of which 100 % was oil; % emulsion; % 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

L. W. Jamison, Driller M. N. Lemons, Driller
J. W. Ellis, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1347		Surface calichie & Red Beds
1347	1415		Anhydrite
1415	2772		Salt
2772	2928		Anhydrite & Sd
2928	3229		Anhydrite, Dolo & Sd
3229	3735		Sand & Dolo

TD 3735', KB 13', elev 3418' KB, pay Queen 3644-3718', net effective pay 36', Csg Pt 4 1/2" at 3735', perf 3644-62', 3694-3706', 3712-3718' W/4 JSPF by Collar Log. Tops: Rustler 1347', Salado 1415', Tansill 2772', Yates 2928', Seven Rivers 3229', Queen 3608'. Log comparison: 3644' on Collar Log is 3646' on Laterolog and accoustic log. IP Flwd 42 Bbls 39 deg grav oil, 0 BW, in 6 hrs, 20/64" Chk, TP 105 lbs, CP 390 lbs W/165 MCFGPD, GOR 982, DOR 168 BO. Est daily allow 33 BO. TRTD W/1000 gals acid, fraced W/12,000 gals crude, 21,900 lbs Sd, 800 lbs Adomite W/50 ball sealers. PL Conn Texas New Mexico Pipe Line. Drlg started 4-24-60, comp 5-3-60, TSTD 5-6-60, rig released 5-3-60.

Tops picked by electric log.

16—43094-4

O/3 USGS WAN filePan Am-Hobbs-3; Atl-Mid-2; Standard-Houston, Mid 1 ea

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

16—43094-2 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.