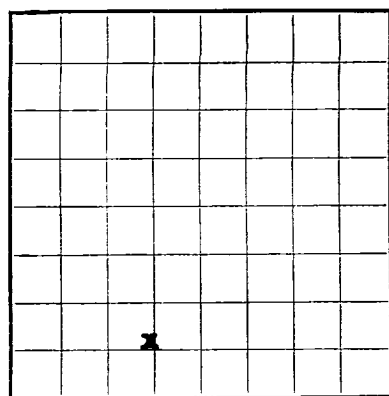




LOCATE WELL CORRECTLY

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

Las Cruces
U. S. LAND OFFICE
SERIAL NUMBER 029405 b
LEASE OR PERMIT TO PROSPECT Lease

100' OCT 5 AM 9:34
UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Continental Oil Company** Address **Rowley Building, Artesia, N.Mex.**
Lessor or Tract **Wm. Mitchell B** Field **Maljamar** State **New Mexico**
Well No. **38** Sec. **18** T. **17S** R. **32E** Meridian **N.M.P.M.** County **Lea**
Location **660** ft. **N** of **S** Line and **1980** ft. **E** of **W** Line of **Sec. 18** Elevation **3964**
(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 *[Signature]*
Date **9-30-59** Title **District Superintendent**

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

Commenced drilling **7-3**, 19**59** Finished drilling **7-19**, 19**59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3759** to **4110** 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—	
8 5/8	24#	8 rd	J-55	257	Guide shoe				
5 1/2	14#	8 rd	J-55	4183	Guide shoe and Float	Cellar			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	264	100	Pump and plug		
5 1/2	4159	650	Pump and 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 **4160** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **8-10**, 19**59**

The production for the first 24 hours was **21** barrels of fluid of which **76**% was oil; _____% emulsion; **24**% water; and _____% sediment. Gravity, °Bé. **37**

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. B. Gray, Driller **A. D. Price**, Driller
J. W. Ellis, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	265	265	Redbeds and shale
265	776	511	Anhydrite and shale
776	1855	1079	Salt
1855	2046	191	Anhydrite and Lime
2046	2105	59	Yates sand
2105	2978	873	Anhydrite and Lime
2978	3013	35	Queen Sand
3013	3384	371	Anhydrite and Lime
3384	3768	384	Grayburg Dolomite and sandy dolomite
3768	4160	392	San Andres Dolomite

Copies to: USGS 4 WAM

[OVER]

16-43094-4

FORMATION RECORD—Continued

[illegible]

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 dewatered, 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.