

		X							

Approval expires 12-31-90.

Las Cruces

U. S. LAND OFFICE **029405 b**-----

SERIAL NUMBER ----- **Lse**

LEASE OR PERMIT TO PROSPECT

RECEIVED
UNITED STATES
DEPARTMENT OF THE INTERIOR
MAR 30 1961
GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO
LOG OF OIL OR GAS WELL

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company Continental Oil Company		Address Rowley Bldg., Artesia, New Mexico	
Lessor or Tract Wm. Mitchell B	Field Maljamar-Paddock	State New Mexico	
Well No. 2442 Sec. 17 T. 17-S R. 32-E	Meridian NPM	County Lea	
Location 660 ft. (N) of S Line and 1780 ft. (E) of W Line of Section 17	Elevation 3995		

(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.

Date 3/28/61 Signed *C. W. Nessel*
Title District Superintendent

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

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Commenced drilling -----	3-15	61	Finished drilling -----	3-18	61
		19			19

OIL OR GAS SANDS OR ZONES

(Denote gas by $\odot$)

(Denote gas by G)

No. 1, from <u>5300</u> to <u>5359</u>	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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	80	75	Pump & Plug	(Two Stages)	
8 5/8	2597	350	Pump & Plug		
5 1/2	5397	360	Pump & Plug		

USGS-4 NMOCC-2 NAM FILE

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

[illegible]

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 5397 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

..... 19	Put to producing	3-26	19	61
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The production for the first 24 hours was 160 barrels of fluid of which 94 % was oil; 0 % emulsion; 6 % water; and 0 % sediment. Gravity, °Bé. 36

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

C. B. Henderson _____ Driller Guy A. Cox _____ Driller

R. W. Shields Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	80	80	Surface sand and caliche
80	720	640	Red Rock
720	941	221	Anhydrite
941	2050	1109	Anhydrite and salt
2050	3287	1237	Anhydrite
3287	3331	44	Anhydrite and shale
3331	3375	44	Anhydrite and lime
3375	3477	102	Lime
3477	3513	36	Lime and shale
3513	3550	37	Lime
3550	3634	84	Lime and anhydrite
3634	4629	995	Lime
4629	4636	7	Chert
4636	4654	18	Lime
4654	4689	35	Lime and sand
4689	5270	581	Dolomite
5270	5397	127	Sand and dolomite

Geological Tops: Queen 3005', Grayburg 3397' San Andres 3843', Glorieta 5268'.

Paddock 5300.

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 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.

Perforated 5354-591 with 2 bullets and 2 ASPs. Treated with 4,000 gallons

Lease crude, 4000 lbs. sand and 200 lbs. "Adolite" spearheaded with 500 gallons acid.