

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029405 a
OFFICE OR PERMIT TO PROSPECT Las

[illegible]

RECEIVED
 SEP 27 1960
 U. S. GEOLOGICAL SURVEY, UNITED STATES
 ARTESIA, NEW MEXICO DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY
 SERIAL NUMBER 029403
 LEASE OR PERMIT TO PROSPECT
 RECEIVED
 SEP 27 1960

O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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Company Continental Oil Company Address Rowley Bldg., Artesia, New Mexico

Lessor or Tract Wm. Mitchell A Field Maljamar Paddock State New Mexico

Well No. 20 Sec. 20 T. 17S R. 32E Meridian NMPM County Lea

Location 1295 ft. XXX of N Line and 1520 ft. XXX of W Line of Section 20 Elevation 3986
(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 C. H. Hesser

Date 9-26-60 Title District Superintendent

Date 7-25-60
The summary on this page is for the condition of the well at above date.

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Commenced drilling ----- **8-17**, 19**60** Finished drilling ----- **9-3**, 19**60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5303 to 5345 _____ 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
8 5/8	235	150	Pump & Plug		
5 1/2	5347	650	Pump & Plug		

PLUGS AND ADAPTERS

USGS-4, WAM File

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

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Rotary tools were used from 0 feet to 5349 feet, and from _____ feet to _____ feet

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

DATES

Put to producing ----- 9-20, 1960

The production for the first 24 hours was 100 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % 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

----- **C. B. Henderson** -----, Driller ----- **Herahel Johnson** -----, Driller
----- **R. W. Shields** -----, Driller -----, Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	730	730	Redbeds
730	841	111	Anhydrite
841	1900	1059	Salt
1900	2064	164	Anhydrite
2064	2403	339	Shale & Anhydrite w/some Sand
2403	3010	607	Shaly & Anhydritic Dolomite
3010	3050	40	Red Shaly Sand
3050	3412	362	Anhydritic Dolomite
3412	3802	390	Sandy Dolomite & Dolomitic Sand
3802	5238	1436	Dolomite, some Sandy
5238	5336	98	Sand & Sandy Dolomite

Tops by GR-Acoustic: T/Salt 841, B/Salt 1900, Yates 2064, Seven Rivers 2403, Queen 3010, Grayburg 3412, San Andres 3802, Glorieta 5238, Paddock Sand 5301.

SECRET

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 5334-44'. Treated with 9200 gallons lease grade, 5860# sand, 125# Adomite.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
			FORMATION FORMATION ON RECORD Grav. 0.86, 30.0 test to and from test to and from

FORMATION RECORD—Continued