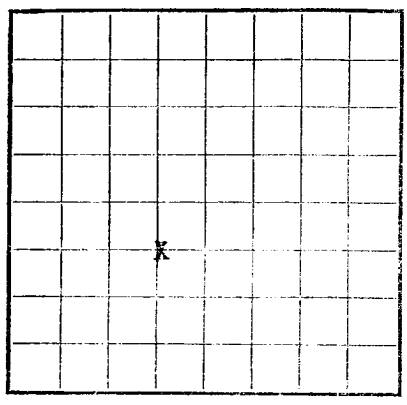
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 068848
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NEW WELL COMPLETION

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 68, Eunice, New Mexico
Lessor or Tract Marshall Field Cruz Delaware State New Mexico
Well No. 2 Sec. 19 T. 23 R. 33 Meridian NMPM County Lea
Location 1980 ft. [N.] of S Line and 1910 ft. [E.] of W Line of Sec. 19 Elevation 3793 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 [signature]

Date December 6, 1961 Title District Superintendent

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

Commenced drilling November 4, 1961 Finished drilling November 15, 1961

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 5105 to 5109 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 From—	Perforated To—	Purpose
7 5/8"	24#	8	H-40	360'	Float				
4 1/2"	9.5#	8	J-55	5216'	Guide		5105	5109	Pay

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 5/8"	380	200	Pump & Plug		
4 1/2"	5216	150	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 ____ feet to ____ feet, and from ____ feet to ____ feet
Cable tools were used from 0 feet to 5216 feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing November 24, 1961

The production for the first 24 hours was 187 barrels of fluid of which ____% was oil; ____% emulsion; ____% water; and ____% sediment. Gravity, °Bé. 46

If gas well, cu. ft. per 24 hours 54 Gallons gasoline per 1,000 cu. ft. of gas 42

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

____, Driller ____, Driller
C. . Stewart L. . White
____, Driller ____, Driller
. . .

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1566		Red Beds
1566	2120		Anhydrite & Salt
2120	2850		Salt & Anhydrite
2850	3645		Anhydrite & Salt
3645	4130		Anhydrite
4130	4385		Salt
4385	4457		Anhydrite
4457	4775		Salt
4775	4880		Anhydrite
4880	5067		Lime
5067	5216		Sand

TD 5216', PB 12', Elev 3703 KB, Pay Dela Sd 5098-5123', Net Effective Pay 20', Csg Pt 4 1/2" at 5216', Perf 5105'-5109' w/4 JSPF by Collar log. Tops: Rustler 894', Salt 1223', Base Salt 4783', Lamar Lime 5037', Dela Sd 5094'. Log Comparison: 5105' on GE/Collar log is 5095' on Core and 5105' on GR/Sonic. IP Pmp 86 Bbls. 42° Grav Oil, 101 BO in 24 hrs. w/23.9 MCFGPD, GOR 278, DOR 86 Bbls. Est Daily Allow 46 BO. PL Conn Permian Corporation. Drlg Started 11-4-61, Comp 11-15-61, Tstd 11-24-61, Rig Released 11-15-61.

FROM—	TO—	TOTAL FEET	FORMATION

(OVER)

16—48094-4

0/3 ... File

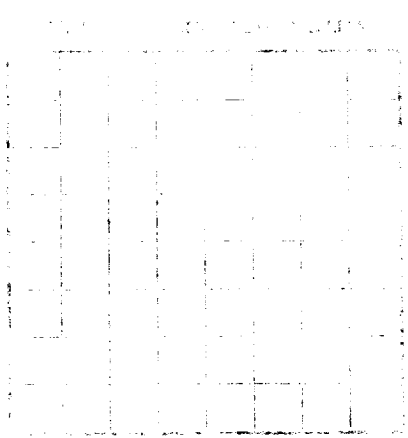
FORMATION RECORD—Continued

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.



LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

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UNITED STATES