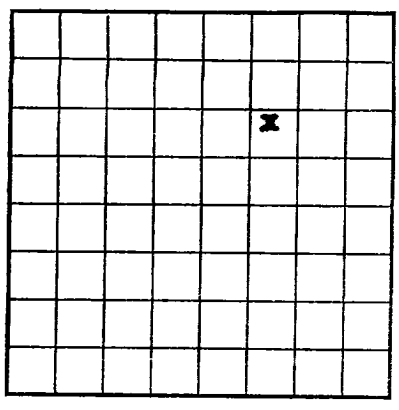
Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 030557 (a)
LEASE OR PERMIT TO PROSPECT Lease



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 427, Hobbs, New Mexico
Lessor or Tract Farney A-5 Field Cooper-Jal State New Mexico
Well No. 5 Sec. 5 T. 23S R. 36E Meridian NMPM County Lea
Location 1980 ft. {N.} of N Line and 1980 ft. {E.} of E Line of Sec. 5 Elevation 3493'
(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 11-7-52 Title District Superintendent

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

Commenced drilling 8-25-, 1952 Finished drilling 9-11, 1952

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3752 to 3774 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
10 3/4	32.75#	8R	Chester	296	Guide				
5 1/2	14	8R	J-55	2809					
5 1/2	15.5	8R	J-55	66	Guide, shoe and float collar		3752	3774	production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	302	250	Pump & plug		
5 1/2	3839	1335	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
None						

TOOLS USED

Rotary tools were used from 0 feet to 3840 feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing 9-16-52

The production for the first 24 hours was 122 barrels of fluid of which 63 % was oil; ____ % emulsion; 37 % water; and ____ % sediment. Gravity, °Bé. 28°

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. D. Welch, Driller G. A. Riddle, Driller
J. H. Cellum, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1440	1440	Red beds
1440	1590	150	Anhydrite, red shale
1590	2750	1160	Salt
2750	3260	510	Anhydrite, red shale
3260	3600	340	Dolomite, anhydrite and red shale
3600	3610	10	Anhydrite and sand
3610	3840	230	Dolomite and anhydrite

FOLD MARK

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
DST #1 from 3375 to 3565' Yates Sand, tool open one hour, gas to surface 10 minutes, measured 881.8 M.C.F. Recovered 430' gas cut drilling mud. Flowing pressure 300#, 15 minutes, shut in, BHP 900#, Hydraulic pressure 1875#.			
DST #2 from 3737' to 3840', Seven Rivers formation, tool open one hour 30 minutes, light odor of gas to surface in 15 minutes. Recovered 360' drilling mud, 2300' sulphur water, FP 550# to 1050#, 15 minutes, shut in, BHP 1050#, hydrostatic pressure 2600#.			
Completed total depth of 3840' from an initial potential of 78 barrels of 28° gravity oil and 44 barrels of water in 24 hours. CP 600-650#. TP 0-250# Well was not shot. 5 1/2" casing was perforated from 3752 to 3760 with 32 shots; from 3766 to 3774 with 32 shots. Acidized with 500 gallons 3752 to 3760 and from 3766 to 3774'.			

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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.