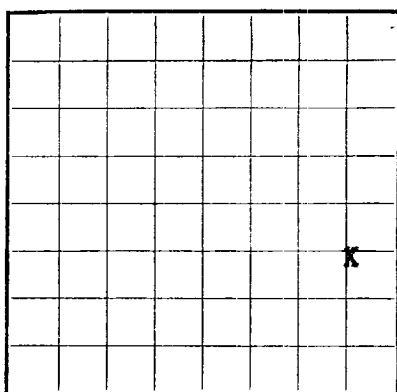


Form 9-330

JUN 1963

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 031741 b
LEASE OR PERMIT TO PROSPECT I

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 60, Sunice, New Mexico
Lessor or Tract Block B-1 Field NEFL State New Mexico
Well No. 13 Sec. 9 T. 21N R. 37E Meridian 10SPN County Lea
Location 1980 ft. N. of S. Line and 660 ft. W. of E. Line of Section 9 Elevation 3481
(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 June 5, 1963 Title District Superintendent

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

Commenced drilling 4-13, 19 63 Finished drilling 5-5, 19 63

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6582 to 6710 (Brk) No. 4, from _____ to _____
No. 2, from 5781 to 6043 (Br) 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—	
9 5/8	36#	8	P-40	1792	Guide				
5 1/2	15.5#	8	J-55	1129	Guide Shoe &		5781	6043	OIL (Brk)
5 1/2	14#		J-55	5399	Float Collar		6582	6710	OIL (Brk)

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	1794	450	Pump & Plug		
5 1/2	6780	700	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 6780 feet, and from _____ feet to _____ feet

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

DATES

_____ June 5, 19 63 Put to producing 5-20-63, 19 _____
5-6-63The production for the first 24 hours was 170 barrels of fluid of which 27 % was oil; _____ %
emulsion; _____ % water; and 3 % sediment. Gravity, °Bé. 69If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas 39.2

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____ Gackle Drilling Co., Inc., Driller _____, Driller_____ Box 7076, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1278	1278	Redbeds & Sand
1278	1362	84	Anhydrite
1362	2477	1115	Salt w/anhydrite & Red Shale Stringers
2477	2614	137	Anhydrite & Dolomite
2614	2865	251	Dolomite, Sand, & Anhydrite
2865	3958	1093	Dolomite, w/sand stringers
3958	5122	1164	Dolomite
5122	5657	535	Dolomite & Sand
5657	6146	489	Dolomite
6146	6455	309	Dolomite & Sand
6455	6780	325	Dolomite w/limestone stringers
6003-5	NT002-3	AGG	File: San An-004-3 dtl-004-2 Calif-Hous, Mid - 1 each

FORMATION	TOTAL FEET	TO—	FROM—
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Core No. 1 - 3872-3904 San Andres. Rec. 32' & barrel jammed. Rec. 32' described as dolomite & sandy dolomite /scat shows light. anal 71.	Core No. 2 - 3904-3922 San Andres. Out 18' & Rec. 38' described as dolomite /scat show throughout. Scat porosity. anal 71.	Core No. 3 - 4090-4106 San Andres. Out 16' & Rec 17' described as light gray very fine crystalline dolomite w/ good ppz & small vuggy porosity, spotty fluor & SL spotty all stain. Bleeding oil slightly from pores throughout core.	Core No. 4 - 4106-4119 San Andres. Out 43' - Rec 36' described as dolomite, light gray to light tan very finely crystalline to dense w/ spotty stain & poor to good spotty fluor throughout most of core. Scattered ppz & small vuggy porosity. Bleeding oil slightly to heavily from pores. Sulfur odor.	Core No. 5 - 4119-4129 San Andres. Out 50' - Rec 47' described as light gray & light tan to white very finely crystalline to dense dolomite /scat stain throughout. Poor to good spotty fluor & poor to good scat porosity. Bleeding oil slightly to heavily from several zones. All analyzed.
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16-42094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, and if any casing was 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 "sidderecked", 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 balling.

[illegible]