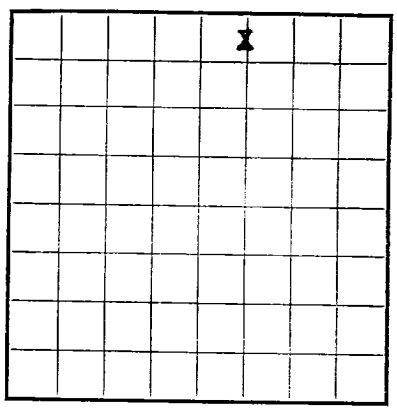
Form 9-330

RECEIVED
JUN 12 1959
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

U. S. Land Office Las Cruces
Serial Number LC 029405 (b)
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 Rowley Building, Artesia, N. M.
Lessor or Tract Mitchell "B" Field Maljamar State New Mexico
Well No. 31 Sec. 18 T. 17S R. 32E Meridian N.M.P.M County Lea
Location 660 ft. {N./S.} of N Line and 1980 ft. {E./W.} of E Line of Sec 18 Elevation 4005
(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 6-9-59 Title Asst. Dist. Superintendent

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

Commenced drilling 4-19, 1959 Finished drilling 5-9, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3711 to 3715 No. 4, from 3784 to 3789
No. 2, from 3733 to 3737 No. 5, from 3930 to 3940
No. 3, from 3764 to 3770 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
8 5/8	28#	ST&C	H-40	240	Guide Shoe				Surface
5 1/2	14	ST&C	H-40	4241'	Guide Shoe and Float Collar		3711	3715	Production
							3733	3737	
							3764	3770	
							3784	3789	
							3930	3940	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	240'	100 sx.	One Plug		
5 1/2	4241'	900 sx.	One 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
Perforated Csg.						

TOOLS USED

Rotary tools were used from Surf feet to 4233 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

, 19 Put to producing 5-22, 1959

The production for the first 24 hours was 51 barrels of fluid of which 96 % was oil; 0 % emulsion; 4 % water; and 0 % sediment. Gravity, ~~°Bé~~ 37° API

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. B. Gray, Driller J. M. Ellis, Driller
A. B. Price, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	308	308	Redbed & shale
308	900	592	Anhydrite & shale
900	1910	1010	Salt
1910	2068	158	Anhydrite
2068	2110	42	Yates Sand
2110	2378	268	Anhydrite
2378	2408	30	Seven Rivers Sand
2408	3018	610	Anhydrite
3018	3052	34	Queen Sand
3052	3428	376	Anhydrite
3428	3794	366	Grayburg Sandy Dolo.
3794	4233 (TD)	439	San Andres Dolo.

Tops: Salt 900, Base Salt 1910, Yates 2110, Seven Rivers 2378, Queen 3018, Grayburg 3428, San Andres 3794. Tops by RA Log.

FOLD | MARK

16—43094-4

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.

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