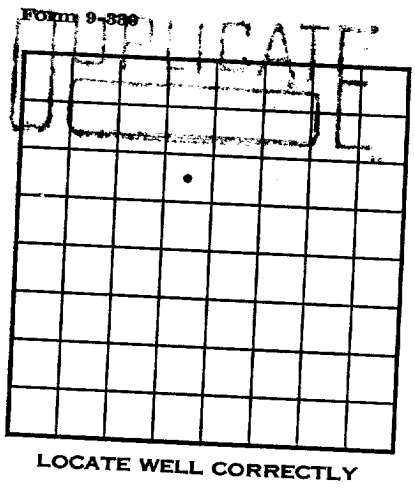
Form 9-330

DUPLICATE



LOCATE WELL CORRECTLY

Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT 03745O-B

RECEIVED
AUG 15 1951
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Stanolind Oil & Gas Company Address Box "F"; Hobbs, New Mexico
Lessor or Tract South Mattix Unit Field Fowler State New Mexico
Well No. 4 Sec. 15 T. 24S R. 37E Meridian NMPM County Lea
Location 1980 ft. {N. / S.} of N Line and 1980 ft. {E. / W.} of W Line of Section 15 Elevation 3266'
(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 /s/ S. G. Baker
Date April 26, 1951 Title Field Clerk

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

Commenced drilling December 17, 1950 Finished drilling April 10, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9805 to 10,260 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 None 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
13-3/8	36.0	Welded	Armco	302'	Howco				
9-5/8	32.3 & 36	8RD	Armco	3789'	Howco				
	23,26, & 29	8RD	Nat'l	10129	Howco				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	318	350	Howco Plug		
9-5/8	3805	625	2-Stage Howco		
7	10142	700	2-Stage Howco		

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 0 feet to 10,270 feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

April 20, 1951 Put to producing April 20, 1951

The production for the first 24 hours was 455 barrels of fluid of which 98.8 % was oil; ____ % emulsion; ____ % water; and 0.2 % sediment.

Gravity, °Bé 46° 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. L. Walker, Driller E. R. Hook, Driller
Clayton Gravley, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1000	1000	Sand, caliche, red beds.
1000	2377	1377	Anhydrite, potash, salt.
2377	2985	608	Anhydrite, potash, salt.
2985	7187	4202	Anhydrite, lime.
7187	7610	423	Lime, chert.
7610	7775	165	Lime.
7775	7798	23	Lime, chert.
7798	7829	31	Lime.
7829	8352	523	Lime, chert.
8352	8542	190	Sandy lime, lime.
8542	8982	440	Shale, lime.
8982	9106	124	Sand, shale.
9106	9156	50	Lime, shale, sand.
9156	9420	246	Shale, sand.
9420	9627	225	Lime, shale.
9627	9735	108	Shale, lime.
9735	9747	12	Sand, lime.
9747	9800	153	Dolomite.
9944	10260	260	Dolomite.
10260	10270	10	Granite.

FOLD | MARK

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
			FORMATION TOPS PICKED FROM SCHLUMBERGER LOGS
			Formation
			Elevation 3266'
			Base Permian, Top Silurian 7332' (-4066)
			Top Fusselman 8080' (-4814)
			Top Montoya 8510' (-5244)
			Fault in Montoya 8630' (-5364)
			Top Simpson 8885' (-5619)
			Top McKee 9265' (-5999)
			Top Ellenburger 9805' (-6539)
			Top Granite 10260' (-6994)
			Total Depth 10270' (-7004)
			SAMPLE TOPS
			Glorieta 4830' (-1564)
			Tubbs 5890' (-2624)

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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.