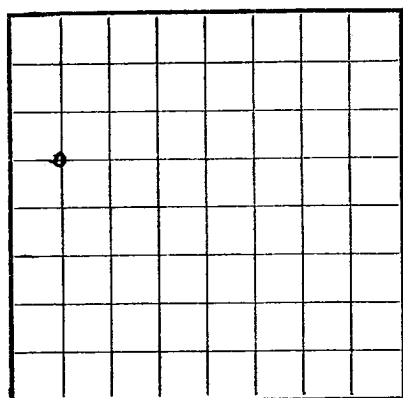


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **050107 (b)**
LEASE OR PERMIT TO PROSPECT **O & G**

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **T. F. Hodge** Address **1113 Continental Bank Bldg.,
Fort Worth 2, Texas**
Lessor or Tract **Mary E. Wills Federal** Field **Jalmat** State **New Mexico**
Well No. **1** Sec. **33** T**26S** R**37E** Meridian **NMPM** County **Lea**
Location **660** ft. ^[N.] of S. Line and **660** ft. ^[E.] of W. Line of Section **33** Elevation **3159** (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 **Leroy Wilson**Date **September 30, 1958** Title **Production Manager**

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

Commenced drilling **9/4/58**, 19 Finished drilling **9/15/58**, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3150** to **3198** 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		Purpose
							From—	To—	
8-5/8	24#	8	Spang	633'	None		3159	3168	
4-1/2	9.50	8	Larkin	3442'	Larkin		3171	3188	3194
							3199	3198	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	633'	400	Pump		
4-1/2	3442'	200	Pump		

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 **3442** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing **9/25/58**, 19
68 barrels of fluid of which **100** % was oil; **0** %The production for the first 24 hours was **6** % water; and **0** % sediment.

Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1140	1140	Red beds, sh., anhy.
1140	1215	75	Sh & Anhy.
1215	1290	75	Anhydrite
1290	2900	1610	Anhydrite, Shale
2900	3000	100	Shale, Sand, Anhydrite
3000	3310	310	Shale, Sand, Anhydrite
3310	3442	132	Shale streaks, lime, sand

TOP OF YATES FORMATION @ 3050'

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

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.

HISTORY OF OIL OR GAS WELL

[illegible]