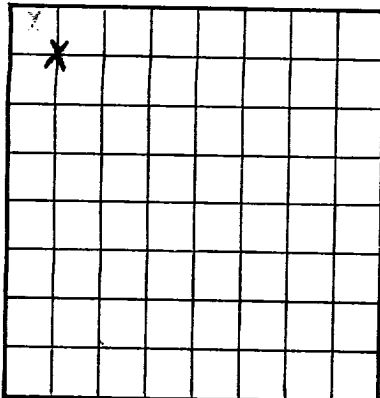


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **065658**
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **W. H. Black** Address **Box 174, Midland, Texas**
Lessor or Tract **Federal "A"** Field **Teas (Ext)** State **New Mexico**
Well No. **1** Sec. **14** T. **28S** R. **33E** Meridian **NMPM** County **Lea**
Location **660** ft. **N** of **N** Line and **660** ft. **E** of **N** Line of **Sec. 14** Elevation **3535'**
(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 **October 15, 1953** Title **Agent**

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

Commenced drilling **8-25**, 19 **53** Finished drilling **9-25**, 19 **53**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3165** to **3177** No. 4, from _____ to _____
No. 2, from **3257** to **3265** No. 5, from _____ to _____
No. 3, from **3373** to **3385** 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—	
10 3/4	32.75	8rd		575'	T.P.	575'			Conductor
8 1/2	24.00	10rd		1003'	T.P.	1003'			"
5 1/2	12.00	8rd		3250'	P&O	----			Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 1/2	3250'	50 sks. neat			

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 _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **3385** feet, and from _____ feet to _____ feet

DATES

October 11, 19 **53** Put to producing **9-28**, 19 **53**

The production for the first 24 hours was **170** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % 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

Kermit Hoover _____, Driller **W. L. Bryant** _____, Driller
T. H. Bennett _____, Driller **(All for J. C. Clewer** _____, Driller

FORMATION RECORD **Contractor)**

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Caliche
10	55	45	Sand
55	170	115	Red Shale
170	265	95	Brown Shale
265	303	38	Grey Sahle
303	318	15	Red Rock
318	605	287	Red sandy Shale
605	656	51	Shale - (Water sand - 670')
656	715	59	Shale - red
715	841	126	Red Sandy Shale
841	848	7	Sand & Shale
848	945	97	Red Shale
945	970	25	Red Shale & Gypsen
970	1300	330	Red sandy shale
1300	1420	120	Anhydrite
1420	1430	10	Grey Shale
1430	1481	51	Anhydrite
1481	1535	54	Salt
1535	1555	20	Anhydrite
1555	1560	5	Salt
1560	1610	50	Anhydrite
1610	1625	15	Red Shale
1625	1686	61	Salt & Anhydrite
1686	1700	14	Potash
1700	1750	50	Salt & Red Shale

