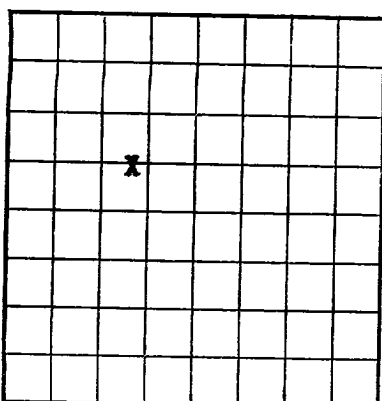




LOCATE WELL CORRECTLY

COPY TO O. G. C.

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **LC 065658**
LEASE OR PERMIT TO PROSPECTUNITED 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" (Amer. Republics) Ltd. Texas (Seven Rivers)** State **New Mexico**
Well No. **3** Sec. **14** T. **20S** R. **33E** Meridian **NMPM** County **Lea**
Location **1980** { **XXX** } of **N** Line and **1650** { **XXX** } of **N** Line of **Section 14** Elevation **3582.4'**
(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 **January 5, 1954** Title **Agent**

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

Commenced drilling **11-12**, 19 **53** Finished drilling **12-16**, 19 **53**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3232** to **3241** No. 4, from _____ to _____
No. 2, from **3390** to **3392'** No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **655** to **677** 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—	
13 3/8	56	8		70'	T.P.	70'			Conductor
10 3/4	38.75	8		515'	T.P.	515'			Conductor
8 5/8	24	8		970'	T.P.	970'			Conductor
7	20	8	J&L	Float & Guide 3330'					Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	970'		Mudded		15 sks. Aquagel
7	3300'	300 sks. of 10%, 100 sks. Neat.	Circ. to surface		

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
		None				

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **3392** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **12-17**, 19 **53**

The production for the first 24 hours was **144** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **28.9**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Hoover _____, Driller **Moore** _____, Driller
_____, Driller **J. C. Clower** _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	11	11	Caliche
11	15	4	Red Sandy Clay
15	65	50	Red Shale
65	125	60	Brown Shale
125	280	155	Red Shale
280	475	195	Red & Blue Shale
475	575	100	Sandy Shale
575	630	55	Red Rock
630	650	20	Red Sandy Shale
650	677	27	Water sand
677	827	150	Red Rock & Shale
827	1310	473	Red Shale
1310	1400	90	Anhydrite
1400	1424	24	Anhydrite & Blue Shale
1424	1440	16	Gray Sandy Shale
1440	1487	47	Anhydrite
1487	1530	43	Salt
1530	1624	94	Anhydrite
1624	1641	17	Red Shale
1641	1656	15	Salt & Potash
1656	1725	69	Anhydrite & Shale
1725	1825	100	Shale & Salt
1825	2015	190	Salt & Potash
2015	2032	17	Salt & Anhydrite
2032	2095	63	Salt, Anhydrite & Potash

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1613	1613	1	Salt
2095	2125	30	Salt & Potash
2125	2950	825	
2950	3000	50	Anhydrite
3000	3060	60	Brown Lime
3060	3130	70	Anhydrite & Lime
3130	3232	102	Lime, sand & shale
3232	3241	9	Sandy - Oil Show
3241	3390	149	Sandy Lime
3390	3392	2	Oil sand

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, 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

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