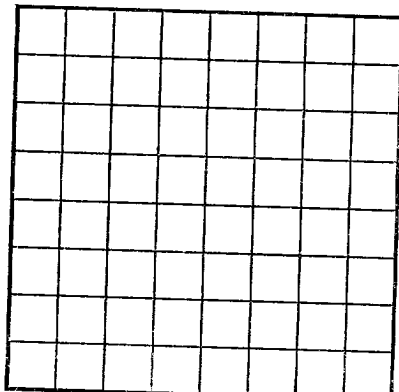


U. S. LAND OFFICE Las CrucesSERIAL NUMBER 063591

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 "E" (Amer.-Republica Corp.) Wildcat State New Mexico  
Well No. 1 Sec. 29 T. 19S R. 33E Meridian NMPM County Lea  
Location 980 ft. N of N Line and 1980 ft. E of E Line of Section 29 Elevation 3610'  
(Surf. 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 \_\_\_\_\_

Date January 11, 1954Title Agent

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

Commenced drilling 11-17, 1953 Finished drilling 1-6, 1954

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3055' to 3064' Light No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 3228' to 3236' Light No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 580' to 610' 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	48	8rd		103'	T.P.	103'			Conductor
10 3/4	32.75	8rd		580'	T.P.	580'			Conductor
8 5/8	24	8rd		1206'	T.P.	1174'			Conductor

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	1206'				6 Sks. Aquagel

## 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 3339' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % 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

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10'	Caliche
10	20	10'	Gravel
20	295	275'	Brown Shale
295	360	65'	Red Beds
360	400	40'	Brown Shale
400	545	145	Red Bed & Shells
545	575	30	Red Rock & Shells
575	610	35	W. Sand
610	655	45	Red Bed
655	675	20	Sandy Red Shale
675	950	275	Red Beds
950	955	5	Sandy Red Shale
955	1210	255	Red Beds
1210	1225	15	Anhydrite
1225	1250	25	Red Rock & Anhydrite
1250	1275	25	Blue Shale
1275	1320	45	Anhydrite
1320	1380	60	Salt
1380	1390	10	Anhydrite
1390	1395	5	Red Shale
1395	1430	35	Anhydrite
1430	1450	20	Red Bed
1450	1510	60	Salt & Anhydrite

(OVER)

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FOLD | MARK

## FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1510	1560	50	Salt, shale & potash
1560	1855	295	Salt
1855	1955	100	Salt, anhydrite & potash
1955	2020	65	Salt
2020	2060	40	Salt, potash & anhydrite
2060	2465	405	Salt & Anhydrite
2465	2540	75	Salt, potash & Anhydrite
2540	2785	245	Salt & Anhydrite
2785	2840	55	Anhydrite
2840	2850	10	Red Rock
2850	3055	205	Anhydrite
3055	3064	9	Oil sand
3064	3090	26	Sand
3090	3094	4	Anhydrite
3094	3123	29	Brown lime
3123	3131	8	Anhydrite
3131	3267	136	Lime
3267	3293	26	Sandy lime, sulphur water
3293	3307	14	Lime
3307	3314	7	Sand
3314	3339	25	Lime T.D.

## HISTORY OF OIL OR GAS WELL

16-48094-1 U. S. GOVERNMENT PRINTING OFFICE

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.

Well was plugged and abandoned on January 7, 1954 as follows:

15 sks. cement @ 3330'  
 15 sks. cement @ 2785'  
 15 sks. cement @ 1300'  
 25 sks. cement @ 90' and to surface

Mudded between plugs.

END OF HISTORY OF OIL OR GAS WELL

G. D. DODD, JR.

DEPT. OF THE INTERIOR

BUREAU OF OIL RESOURCES