

U. S. LAND OFFICE
SERIAL NUMBER 02952
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Richardson & Bass Address Fort Worth, Texas
Lessor or Tract Federal-R. H. Legg Field Wildcat State New Mexico
Well No. 1 Sec. 27 T. 22-S R. 20-E Meridian NMPM County Eddy
Location 660 ft. of N Line and 2003.1 of E Line of NE 1/4 Sec 27 Elevation 3309' DF
(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

Date May 19, 1954Title Assistant Division Manager

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

Commenced drilling July 10, 19 53 Finished drilling March 22, 19 54

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6050 to 7530 ft. to 11,250
No. 2, from 6720 to 8085 ft. to 9325
No. 3, from 7150 to 8085 ft. to 9325
No. 4, from 7150 to 8085 ft. to 9325
No. 5, from 7150 to 8085 ft. to 9325
No. 6, from 7150 to 8085 ft. to 9325

IMPORTANT WATER SANDS

No. 1, from 110 to 170 ft. to 11,250
No. 2, from 170 to 3030 ft. to 11,250
No. 3, from 3030 to 5000 ft. to 11,250
No. 4, from 5000 to 5500 ft. to 11,250
No. 5, from 5500 to 5500 ft. to 11,250
No. 6, from 5500 to 5500 ft. to 11,250

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
20"	94#	8 RD	MAT'L	425	Baker	None	N	O N E	
13-3/8"	61 & 68#	8 RD	MAT'L	3633	Baker	None	See Remarks		
9-5/8"	40 & 42#	8 RD	MAT'L	2020	Baker	None	See Remarks		
2-7/8"	6.5#	8 RD	MAT'L	250	Baker	None	See Remarks		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
20"	425.16'	700	Pump & Plug	10.8#	Hole Full
13-3/8"	3629.00'	3350	Pump & Plug	14.8#	Hole Full
9-5/8"	9025.69'	2590	Pump & Plug	9.5#	Hole Full
2-7/8"	5499.85'	None		9.2#	Hole Full

PLUGS AND ADAPTERS

Heaving plug—Material See attachment 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 15,854' feet, and from _____ feet to _____ feet

Cable tools were used from None feet to _____ feet, and from _____ feet to _____ feet

DATES

May 11, 1954, 19 _____ Put to producing May 11, 19 54

The production for the first 24 hours was 271 barrels of fluid of which 25 % was oil; _____ %
emulsion; 75 % water; and _____ % sediment. Gravity, °Bé. 29.2 at 60 degs

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. C. Denny, Driller W. J. Harman, Driller

N. H. Frankfather, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	212	212	Red Bed
212	290	78	Rusler Dolomite
290	435	145	Rusler Dolomite
435	3,505	3,070	Salt
3,505	3,758	253	Delaware Lime
3,758	3,788	30	Delaware Sand
3,788	7,533	3,745	Sand w/Lime & Shale Stringers
7,533	11,152	3,619	Lime, Shale & Sand
11,152	12,582	1,430	Lime & Shale
12,582	14,350	1,768	Lime, shale & Sand
14,350	14,830	480	Shale
14,830	15,345	515	Lime & Chert
15,345	15,546	201	Shale
15,546	15,854	308	Dolomite - Total Depth
	6,122		Plug Back Total Depth

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

referred to in the report

The summary of the data is for the condition of the wall is above data

Q. d. 20. 20. 20. 20.

Remainder of string made up by shoe collar & staging
Total of 6000 lbs. - Ran 6380.63
stages cementing 1200 lbs., and stage cementing 1950 lbs.

60# Ran 127.41
61# Ran 2900.031 Remainder of string made up by shoe, collar & staking tool.
Total of 36331 pipe ran & cemented. Staking tool set at 21472', 1st stage cementing 950 sks cement, 2nd stage cementing 2400 sks. Out approx 100 sks.

[illegible]

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

Station	Location	Depth	Remarks	Remarks	Remarks
2-1/8	2-1/8	2-1/8	2-1/8	2-1/8	2-1/8
2-5/8	2-5/8	2-5/8	2-5/8	2-5/8	2-5/8
3-3/8	3-3/8	3-3/8	3-3/8	3-3/8	3-3/8
2-1/8	2-1/8	2-1/8	2-1/8	2-1/8	2-1/8

BRITISH AIRWAYS

See attachment

RECEIVED

Two thousand four	Eighty eight	Eight	Eighty	Eighty	Eighty	Eighty
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See Appendix 10

GRAND SLIGHT

Foot	to foot	Foot, and from	Foot to 12, 24	to	Foot, and from	Foot to 12, 24
Foot	to foot	Foot, and from	Foot to 12, 24	None	Foot, and from	Foot to 12, 24

2. **STUDY**

May 11, 1934	Not to produce	May 11
The production for the 12 hours was	271	25
and about 75% of the total was		22.5 at 60 deg.
It was well, and the work done		Ordinary, 186. 22.5 at 60 deg.
		Ordinary gasoline for 1000 cu ft of gas

W. J. Harrison	W. J. Harrison	W. J. Harrison
W. J. Harrison	W. J. Harrison	W. J. Harrison

URGENT 11-17-60

Section	Feet	Feet	Feet	Feet
Red bed	215	215	0	
Gravel Dolomite	73	230	215	
Gravel Dolomite	115	115	230	
Salt	3,070	3,070	135	
Delaware lime	253	3,125	2,405	
Delaware Sand	30	3,155	3,155	
Sand & Shale Stringers	3,115	1,233	3,155	
Lime, Shale & Sand	3,015	11,125	3,155	
Lime & Shale	1,130	12,255	11,125	
Lime, Shale & Sand	1,165	11,330	12,255	
Shale	1130	11,430	11,330	
Lime & Chert	215	12,315	11,430	
Shale	201	12,516	12,315	
Dolomite - Local Deposit	308	12,824	12,516	
Plus Back Local Deposit	6,125			

FORMATION

4. CO_2 : - 2A