

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED 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-J. F. Harrison Field "Wildest" State New Mexico
Well No. 1 Sec. 12 T. 25S R. 30E Meridian NMPM County Eddy
Location 660 ft. N of N Line and 660 ft. E of W Line of NE 1/4 of NW 1/4 Elevation 3378 ^(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 December 9, 1953Title Assistant Division Manager

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

Commenced drilling July 22, 19 52 Finished drilling October 19, 19 53

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6150' to 7,800' No. 4, from 9,990' to 10,030'
No. 2, from 8,800' to 8,900' No. 5, from 10,790' to 10,800' (G)
No. 3, from 9,120' to 9,210' No. 6, from 12,320' to 12,330' (G)

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—	
20"	91#	8rd	NAT'L	539	Baker	None		NONE	
13-3/8"	61 & 72#	8rd	J & I	395 1/2	Baker	None		NONE	
9-5/8"	40 & 43#	8rd	J & I	10058	Baker	Perf at 7250' & 8150' for cement.			
7"	32#	8rd	Spang	6776	Baker	Perf at 12,350', 11,930' & 10,025' for squeeze.			
2-3/8"	4.7#	8rd	J & I	18,231		Perf from 12,448' to 12,251' for production			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
20"	557.00	750	Pump & Plug	10.8#	Hole Full
13-3/8"	3970.98	6150	Cement collar	12.4#	Hole Full
9-5/8"	10072.83	2510	Cem collar & pump & plug	9.5#	Hole Full
7"	16,626.00	1975	Pump & Plug	15.2#	Hole Full
2-3/8"	12,247.22	None	PLUGS AND ADAPTERS	15.2#	Hole Full

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Acidizing: 1000 gals - Took acid at 5800# - Ho br ak down - Flush pressure 6000#.						
Sand Oil Treatment: Took 1 bbl distillate per min at 6250# - Treated w/1650 gals with 1/2# sand per gal. Max press 7500#.						

TOOLS USED

Rotary tools were used from 0' feet to 16,705' feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing November 16, 1953

The production for the first 24 hours was 7 barrels of distillate of which n/a% was oil Water % emulsion; _____% water; and _____% sediment. Gravity, °Bé. 55.6

If gas well, cu. ft. per 24 hours 25 MCF gas. Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

R. V. Gann, Driller W. L. Williamson, Driller
F. M. Marshall, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1,160	1,160	Sand & Shale
1,160	1,315	155	Anhydrite
1,315	2,410	1,095	Salt & Anhydrite
2,410	2,830	420	Anhydrite
2,830	3,350	520	Banded Anhydrite
3,350	3,500	150	Salt
3,500	3,600	100	Anhydrite
3,600	3,850	250	Salt
3,850	4,044	194	Anhydrite
4,044	4,077	33	Black Shale
4,077	7,880	3,803	Sand, Lime & Shale
7,880	8,850	970	Lime & Shale
8,850	9,250	400	Sand, Lime & Shale
9,250	9,570	320	Lime & Shale
9,570	10,060	490	Sand, Lime & Shale
10,060	10,800	740	Lime & Shale
10,800	11,400	600	Sand
11,400	14,730	3,330	Lime & shale
14,730	15,600	870	Lime, Shale & Sand
15,600	16,180	580	Shale
16,180	16,530	350	Lime & Chert
16,530	16,620	90	Shale
16,620	16,680	60	Lime
16,680	16,705	25	Dolomite - Tot l Depth

PLEASE OR PERMIT TO PROCEED
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TO THE SECRETARY OF THE ARMY

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[illegible][illegible]

(U) - [REDACTED] - [REDACTED]

(S) - [REDACTED] - [REDACTED]

(U) - [REDACTED]

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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of construction, repairs, and alterations. If there were any changes made in the casing, state in detail the reasons for the work and its results. If the well has been cased or relined, state the kind of material used, the date, and position and reason for capping or bailing. If plugs or bridges were put in to test for water, state kind of material used, position, and reason for capping or bailing. Detached or left in the well, give its size and location. If the well has been abandoned, the date and position should be noted.

HISTORY OF OIL OR GAS WELL.

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