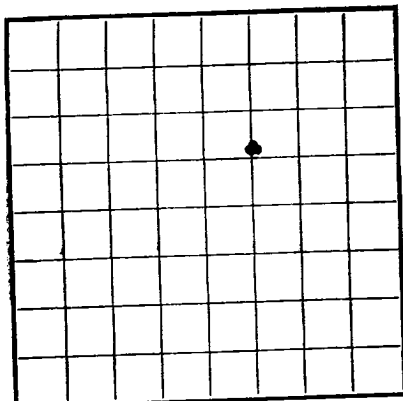


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 063560
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company Warren Petroleum Corp.-Oil Div. Address Drawer H Seminole, Texas

Lessor or Tract Federal-Border Unit Field Wildcat State New Mexico

Well No. 1 Sec. 20 T. 9S R. 38E Meridian NMPM County Lea

Location 1980 ft. S. of N Line and 1980 ft. W. of E Line of NE 1/4 Elevation 3963
(Derrick Base relative to sea level)

of the well and all work done thereon

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 F.H. Wolfe

Date July 31, 1956 Title Regional Manager

Date 1-1-1944
The summary on this page is for the condition of the well at above date.

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

Commenced drilling April 14, 1956 Finished drilling July 21, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4873 to 4947 No. 4, from _____ to _____
 No. 2, from 9600 to 9612 No. 5, from _____ to _____
 No. 3, from 11775 to 11835 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

CASING RECORD									
Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
3 3/8	35.62	8	Armco	364	Beveled	none	-	-	Surface
9	35.62	8	Armco	364	Baker	none	-	-	Soft string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	373	100 to surface	Halliburton		
9 5/8	4374	2200 to surface	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

TOOLS USED

Rotary tools were used from 0 feet to 11835 feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

Put to producing ----- DRY HOLE -----, 19 July 21 ----- 19 56 -----

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

McCartney, Driller J.D. Hanley, Driller
D. Blue, Driller O.M. McKnight, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	373	373	Sand, Caliche & Red Bed
373	2381	1958	Red Bed
2381	3653	1322	Anhydrite & Salt
3653	4270	617	Anhydrite
4270	5495	1225	Lime
5495	5719	224	Gyp & Lime
5719	7660	1941	Lime
7660	7988	328	Shale & Lime
7988	8087	99	Shale, Lime & Gyp
8087	8211	124	Shale & Dolomite
8211	8279	68	Lime & Gyp
8279	8386	107	Lime & Shale
8386	8457	71	Lime
8457	8783	326	Lime, Gyp & Lime
8783	8833	50	Lime, Trace of chert
8833	8918	85	Lime & Chert
8918	9500	582	Lime
9500	9547	47	Lime & Shale
9547	10009	462	Lime
10009	10060	51	Lime, Shale & Chert
10060	10367	307	Lime
10367	11456	1089	Lime & Shale
11456	11476	20	Lime & Shale
11476	11597	121	Lime & Chert
11597	11732	135	Shale & Lime
11732	11740	8	Dolomite & Sand
11740	11835	95	Lime & Shale

TOTAL DEPTH

LOBINATION RECORD-CONTINUED

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GEOLOGICAL SURVEY

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 "detacked" 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.

Core #6 : 11,815-11,835 feet, recovered 20 feet, (8 feet) medium crystalline dolomite, with abundant 1/8" to 1/4" vugs. No fluorescence with sulphur water odor, (12 feet) coarse crystalline dolomite with 1/2" to 1" vugs, irregularly with sulphur water odor, no glauconite.

Drill Stem Tests : 11,795-11,835 feet, recovered 1500 feet water blanket, strong blow of air dead at end of test, recovered 1500 feet of dry drill pipe, 1000 feet of water blanket, and 935 feet of salty sulphur water; flowing pressure 660-7800 pounds. 15 minute shut-in pressure, 4800 pounds.

Flowing Record : 11,795-11,835 feet

U. S. GOVERNMENT PRINTING OFFICE

[illegible]