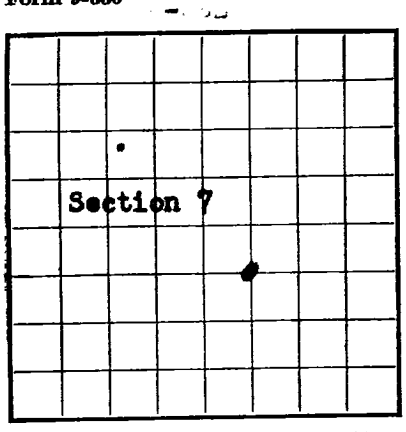
Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 060096
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Warren Petroleum Corp.-Oil Div. Address Drawer H Seminole, Texas
Lessor or Tract Federal-Simmons Field Undesignated State New Mexico
Well No. 2 Sec. 7 T. 9-S R. 38-E Meridian NMPM County Lea
Location 1980 ft. {N./S.} of N Line and 1980 ft. {E./W.} of E Line of NW¼ SE¼ Elevation 3987' D.F.
(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 T. H. Wolfe.

Date August 19, 1957 Title Regional Manager

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

Commenced drilling May 24, 19 57 Finished drilling August 15, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ---- to ---- No. 4, from ---- to ----
No. 2, from ---- to ---- No. 5, from ---- to ----
No. 3, from ---- to ---- No. 6, from ---- to ----

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 From—	Perforated To—	Purpose
13-3/8	44.2	PE	ASCO	372		none	—	—	Surface
9-5/8	36.0	NW	J-55	4275	Larkin	none			Intermediate

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	372	400 to surface			
9-5/8	4275	2000 to surface	Halliburton		

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 0 feet to 11,766 feet, and from ---- feet to ---- feet
Cable tools were used from ---- feet to ---- feet, and from ---- feet to ---- feet

DATES

---- , 19---- Put to producing DRY HOLE, 19----

The production for the first 24 hours was DRY HOLE 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

S. A. Pinkstaff, Driller O. M. McKnight, Driller
D. Blue, Driller ----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	263	263	Sand & Red Bed
263	960	697	Red Bed & Shells
960	1825	865	Red Bed
1825	4204	2379	Anhydrite & Salt
4204	7580	3376	Lime
7580	8500	920	Lime & Shale
8500	9337	837	Lime
9337	9933	596	Lime & Shale
9933	10136	203	Lime
10136	10776	650	Lime & Shale
10776	11005	229	Lime
11005	11487	482	Lime & Shale
11487	11583	96	Lime
11583	11740	157	Lime& Shale
11740	11766	26	Lime Sand Lime
	11766	TOTAL DEPTH	

DEVIATION TESTS

Depth	Degree	Depth	Degree	Depth	Degree
150	1/4	4204	2	10120	1/2
794	1/2	5482	1	10696	3/4
2852	3/4	6583	1/2	11085	1/4
3258	1/2	7905	3/4	11766	1/2
3568	3/4	8544	1/2		
3878	1	8639	1/4		

FROM— TO— TOTAL FEET [OVER] FORMATION 16—43094-3

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
			DRILL STEM TESTS-
			DST #1- 11,716 - 11,766 feet, 1-1/2 hour test 2000 Ft. of water blanket and 5/8" bottom and 1" Top Chokes. Tool open at 5:25 A.M. with good blow of air and continued through out test. Closed tool at 6:55 A.M. for 15 minutes build up.
			Recovered 5395' of dry pipe, 2000 ft of Water Blanket and 4386' of Salty Suplhur Water. Hydro In 6600 Hydro Out 6490 Initial Flow 840 Final Flow 2970 1/4 hr. buildup 4615
			Bottom Hole Temperature 188 deg.
			GEOLOGICAL DATA -
			Anhydrite 2290 Top Salt 2360 Base Salt 2760 Yates 2878 San Andres 4155 Glorietta 5570 Tubbs 6919
			Abo 7630 Hueco 8922 Bough Top "C" 9484 Mi 11462 Devonian 11754

HISTORY OF OIL OR GAS WELL

16—43094-2 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.

This well was a DRY HOLE. Verbal permission to plug and abandon well was given F.H. Wolfe by R.F. Evans of Hobbs, New Mexico August 9, 1957 to plug back to the Dewey Lake Formation to make a Salt water Disposal Well. Cement spotted as follows:

Devonian	11766 to 11701	25 sacks
Penn.	8870 to 8805	25 "
San Andres	5130 to 5065	25 "
San Andres	4275 to 4212	25 "
Base of salt	2830 to 2767	25 "
Top of Salt	2330 to 2250	35 "

Verbal permission was given F.H. Wolfe by E.L. Mischer august 13, 1957 at Hobbs, New Mexico to plug back to the Dewey Lake Formation to make a Salt Water Disposal Well. Cement spotted as shown above.

FOLD HERE AND CORRECTLY

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

FORM 9-331