

Las Cruces

U. S. LAND OFFICE
SERIAL NUMBER 026784-93(b)

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
JAN 7 1955
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Great Western Drilling Co. Agent for
Company General American Oil Co. of Texas Address Box 1659, Midland, Texas
Lessor or Tract Grayburg Deep Unit Field Wilcox State New Mexico
Well No. 1 Sec. 18 T. 17S R. 30E Meridian NMPM County Eddy
Location 1980 ft. [N] of N Line and 1894 ft. [E] of W Line of Section 18 Elevation 3656'
(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 [Signature] Chief Petroleum Engineer
Date October 27, 1954 Title

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

Commenced drilling May 28, 1954 Finished drilling September 22, 1954

OIL OR GAS SANDS OR ZONES

No. 1, from 11,035 to 11,036 ft. No. 2, from 10,890 to 10,913 ft. No. 3, from 9,576 to 9,584 ft. No. 6, from 7,532 to 7,546 ft.

IMPORTANT WATER SANDS

No. 1, from 2,620 to 2,700 ft. No. 3, from 1,980 to 2,030 ft.
No. 2, from 2,250 to 2,400 ft. No. 4, from 1,600 to 1,700 ft.

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#	8	Natn'l	301	Baker	-	-	-	Surface
9-5/8"	28#	8	Natn'l	176	Halliburton	-	-	-	Intermediate
5-1/2"	17 & 23#	8	Natn'l	11,182	Halliburton	-	11,039	11,057	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	316	300	Pump & Plug	-	-
9-5/8"	2,740	1500	Pump & Plug	-	-
5-1/2"	11,190	1025	Pump & Plug	-	-

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
		None				

TOOLS USED

Rotary tools were used from 0 feet to 12,211 feet, and from - feet to - feet

Cable tools were used from - feet to - feet, and from - feet to - feet

DATES

Put to producing * See other side, 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. 5091 PSI @ 11,030

EMPLOYEES

J. F. Lake, Driller Don Miller, Driller

D. W. Davis, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	300	300	Caliche, Surface sand, water sand
300	850	550	Anhydrite, some sand
850	1,110	260	Salt, some anhydrite
1,110	2,310	1,200	Most anhydrite, some sand, dolomite
2,310	6,230	3,920	Dolomite, some sand, chert
6,230	7,565	1,335	Green shale, black & green shale, dolomite
7,565	8,690	1,125	Limestone, some dolomite & green shale.
8,690	8,770	80	Dolomite reef
8,770	9,210	440	Lime, limey shale, black shale.
9,210	9,260	50	Dolomite
9,260	9,300	40	Dolomite
9,300	9,420	120	Dolomite
9,420	9,770	350	Limestone
9,770	10,140	370	Shale, limestone, shale, limey shale
10,140	10,890	750	Sandy limestone, chert, sand
10,890	11,060	170	Sandy limestone, sandy shale
11,060	11,480	420	Sandy & shaly lime, some sand
11,480	11,510	30	Sandstone, some shale & lime
11,510	11,980	470	Sandy cherty limestone, some chert
11,980	12,080	100	Sandy shale, lime, some chert
12,076	12,209	129	Devonian dolomite & chert

