

R-24-E

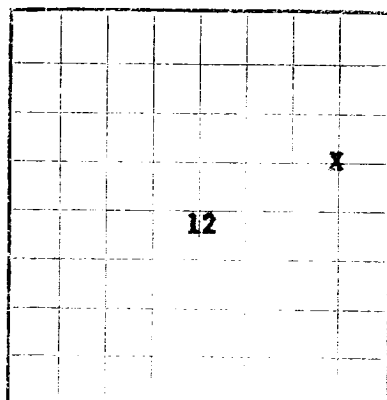
CONFIDENTIAL

Budget Bureau No. 42-3355.4
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER L.C. 061716

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

T-26-S

LOG OF OIL OR GAS WELL

Company **The Superior Oil Company** Address **Box 1900, Midland, Texas**
Lessor or Tract **Government '134'** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **12** T-**26**-SR-**24-E** Meridian **N.M.P.M.** County **Eddy**
Location **1980** ft. **N** of **N** Line and **660** ft. **E** of **E** Line of **Section 12** Elevation **3879** KB
(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 **Herman High** (Herman High)Date **7-29-60**Title **Petroleum Engineer**

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

Commenced drilling **5-9**, 19**60** Finished drilling **July 25**, 19**60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **7452** to **7478** G 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 **NONE** 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—	
13-3/8"	48	8 rd	H-40	327					
13-3/8"	54.5	8 rd	J-55	106	Baker	None			Surface Csg.
9-5/8"	47	8 rd	Spang	666	Baker	None			Intermed. Csg.
7"	26-29	8 rd	Spang	9310	Baker	None			Prod. Csg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	451	600	pump & plug	8.7	Circ. cement
9-5/8"	4663	2100	pump & plug	8.4	Hole full
7"	9323	500	pump & plug	10.1	Hole full

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
1000 gal	acid	perfs 7452-7478		7-26-60		9289
5500 gal	oil + 1375# sand	Perfs 7452-7478		7-27-60		9289

TOOLS USED

Rotary tools were used from **0** feet to **9323** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing **July 28**, 19**60**

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 **665,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **500** surface press.

EMPLOYEES

L. H. Thompson _____, Driller **B. E. Turner** _____, Driller
G. H. McDaniel _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	903	903	Anhydrite
903	970	67	Limestone
970	4133	3163	Sand, Shale & Limestone
4133	6096	1963	Limestone w/some sand & shale
6096	6547	451	Sand, Shale & Limestone
6547	7232	685	Limestone, Shale & Chert
7232	7452	220	Limestone & Sand
7452	7480	28	Sand
7480	7770	290	Shale & Sand
7770	7800	30	Monzonite (Granite)
7800	8178	378	Shale & Limestone
8178	9140	962	Limestone & Dolomite
9140	9323	183	Limestone & Chert

STATUS: **SHUT-IN GAS WELL**

FORMATION TOPS:

TD 9323	Delaware Limestone	903
PBTD 9289	Delaware Sandstone	970
Began test for USGS @ 3:00 PM, July 28, 1960	Bone Springs	4133
opened well on 1 1/2" choke, after 45 minutes	Wolfcamp	6096
gas volume 716 MCFPD & still increasing.	Pennsylvanian Limestone	6547
Decreased choke to 14/64", T.F. 500 psi, gas	Atoka	7232
volume stabilized after 45 minutes at 665	Mississippian	7480
MCFPD. Completed test at 4:30 PM.	Siluro-Devonian	8178
SHUT-IN @ 10:00 AM July 29, 1960	Montoya	9140

(OVER)

(10-5004-1)

FORMATION RECORD—Continued

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of recording, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any sealing 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 pipes or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL.

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