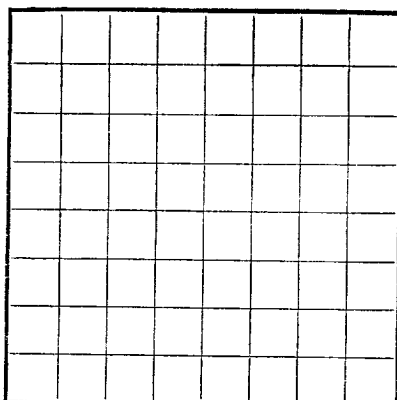




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM 02955 - A
LC-069516
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Jack S. Reaves & J. M. C. Ritchie Address Box 953, Midland, Texas
Lessor or Tract Madera Federal Field Wildcat State New Mexico
Well No. 1 Sec. 27 T. 26S. R. 33E Meridian NTPM County Lea
Location 1980 ft. {N.} of 8. Line and 660 ft. {E.} of 11. Line of Sec. 27 Elevation 3275
(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 E. J. SmithDate October 4, 1962Title Agent

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

Commenced drilling 8-14, 1962 Finished drilling 8-24, 1962OIL OR GAS SANDS OR ZONES
(Denote gas by G)No. 1, from None 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 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—	
<u>7</u>	<u>20</u>	<u>8 rd</u>	<u>J-55</u>	<u>424</u>	<u>Balliburton</u>				<u>Surface</u> <u>Oil String</u>
<u>4-1/2</u>	<u>9.5</u>	<u>8 rd</u>	<u>J-55</u>	<u>5212</u>	<u>"</u>	<u>4650</u>			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>7</u>	<u>424</u>	<u>150</u>	<u>Pump & Plug</u>		<u>Cement Circulated</u> <u>Hole Full</u>
<u>4-1/2</u>	<u>5215</u>	<u>100</u>	<u>" " "</u>	<u>9.75</u>	

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 _____ feet to 5217 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 _____, 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. _____

EMPLOYEES

H. L. Foper, Driller Joe Collins, Driller
J. H. Crist, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION	
<u>0</u>	<u>190</u>	<u>190</u>	<u>Caliche & red soil</u>	<u>Top Anhy. 820</u>
<u>190</u>	<u>820</u>	<u>630</u>	<u>Red soil</u>	<u>Top Salt 1164</u>
<u>820</u>	<u>970</u>	<u>150</u>	<u>Anhy</u>	<u>Base Salt 4805</u>
<u>970</u>	<u>1164</u>	<u>191</u>	<u>Anhy & red soil</u>	<u>Top Lamar 5040</u>
<u>1164</u>	<u>4805</u>	<u>3641</u>	<u>Salt & Anhy</u>	<u>Top Delaware 5088</u>
<u>4805</u>	<u>5042</u>	<u>237</u>	<u>Anhy</u>	
<u>5042</u>	<u>5067</u>	<u>25</u>	<u>Shale</u>	
<u>5067</u>	<u>5217</u>	<u>150</u>	<u>Sand & shale</u>	

HISTORY OF OIL OR GAS WELL

Drill Stem Test #1
Tested 5085-5098 feet
Initial shut-in time--30 minutes
Flow period--2 hours, 33 minutes
Final shut-in time--30 minutes
Initial hydraulic mud press. 2759#
" shut-in press. 2174#
" Flowing press. 29#
" Flowing press. 59#
" shut-in press. 875#
Recovery: Gas test
135 feet oil & gas cut mud

Drill Stem Test #2
Tested 5083-5150 feet
Initial shut-in time--30 minutes
Flow period--5 hours, 45 minutes
Final shut-in time--30 minutes
Initial hydraulic press. 2749#
" shut-in press. 2240#
" Flowing press. 85-308#
Final shut-in press 1449#
" hydrostatic press. 2743#
Recovery: 975 MCF gas reduced to 600 MCF.
720 feet oil & gas mud;
220 feet oil & gas cut salt water;
140 feet salt water