

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER NM 08822
LEASE OR PERMIT TO PROSPECT Lease

X									

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Drilling & Exploration Co., Inc. Address Box 2075, Hobbs, New Mexico
Lessor or Tract Gulf-Federal Field Lynch State New Mexico
Well No. 1 Sec. 27 T. 20SR R. 34E Meridian MPM County Lea
Location 660 ft. N. of S. Line and 660 ft. E. of W. Line of Section 27 Elevation 3728.1
(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 A. C. ...

Date February 8, 1963 Title Divn. Prod. Supt.

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

Commenced drilling December 18, 1962 Finished drilling January 20, 1963

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3708 to 3720 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 930 to 955 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>13 3/8</u>	<u>48#</u>	<u>8</u>		<u>73'</u>					<u>Surface Protection</u>
<u>8 5/8</u>	<u>24#</u>	<u>8</u>		<u>1596'</u>		<u>OH 3708</u>	<u>3720</u>		<u>Oil String</u>
<u>5 1/2</u>	<u>23#</u>	<u>8</u>		<u>3708'</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13 3/8</u>	<u>73'</u>	<u>50</u>	<u>Bailer</u>		
<u>8 5/8</u>	<u>1596'</u>	<u>450</u>	<u>Bailer</u>		
<u>5 1/2</u>	<u>3708'</u>	<u>500</u>	<u>Pump & plug</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 _____ feet, and from _____ feet to 114' feet
Cable tools were used from 0 feet to 3720 feet, and from _____ feet to _____ feet

DATES

Put to producing February 3, 1963

The production for the first 24 hours was 243 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 30.3

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller E. B. Thomas, Driller
_____, Driller H. Nickman, Driller
R. M. Jones, Driller R. B. McDarrell, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	710	710	Caliche & red shale
710	840	130	Red sandy shale
840	930	90	Red shale
930	955	25	Water sand
955	1590	635	Red shale
1590	1680	90	Anhydrite Top Anhydrite: 1590
1680	1700	20	Gray shale
1700	1750	50	Anhydrite
1750	1800	50	Salt
1800	1850	50	Salt & anhydrite
1850	1875	25	Anhydrite
1875	1895	20	Red shale
1895	1925	30	Shale, salt & anhydrite
1925	1935	10	Salt & anhydrite
1935	1995	60	Red shale & anhydrite
1995	2155	160	Salt Top salt: 1995
2155	2230	75	Salt & shale
2230	3325	1095	Salt & anhydrite Base salt: 3305
3325	3485	160	Anhydrite & lime Top Yates: 3380
3485	3505	20	Anhydrite, blue shale & sand
3505	3520	15	Anhydrite & red rock
3520	3576	56	Anhydrite & sand
3576	3700	124	White lime
3700	3720	20	Lime & sand Top Seven Rvrs: 3708

FOLD MARK

