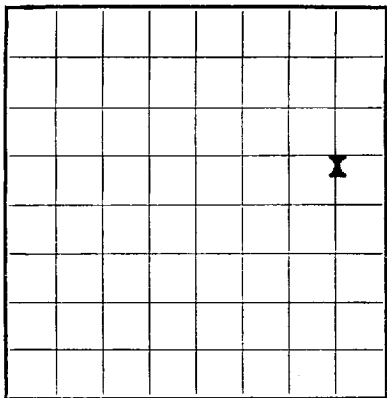


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER L 6 059152 B
LEASE OR PERMIT TO PROSPECT Lease



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Drilling & Exploration Co., Inc. Address Box 2075 Hobbs, New Mexico
Lessor or Tract Johns B Field Maljamar State New Mexico
Well No. 5 Sec. 24 T. 17S R. 32E Meridian NMPM County Lea
Location 1980 ft. XXX of N Line and 660 ft. XXX of E Line of Section 24 Elevation 4090 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 D. C. Smith

Date October 15, 1958 Title Division Prod. Superintendent

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

Commenced drilling August 29, 1958 Finished drilling September 14, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4190 to 4209 No. 4, from _____ to _____
No. 2, from 4268 to 4276 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		Purpose
							From—	To—	
<u>9 5/8</u>	<u>40#</u>	<u>82</u>	<u>New</u>	<u>158</u>	<u>Guide</u>				<u>Surface</u>
<u>5 1/2</u>	<u>25.5#</u>	<u>82</u>	<u>New</u>	<u>4350</u>	<u>Guide and Float Collar</u>				<u>Oil String</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9 5/8</u>	<u>170</u>	<u>150</u>	<u>Pump and Plug</u>		
<u>5 1/2</u>	<u>4361</u>	<u>350</u>	<u>Pump and 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 0 feet to 4362 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing October 14, 1958

The production for the first 24 hours was 306.57* barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 34.6

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

Rock pressure, lbs. per sq. in. _____ *Based on 102.19 bbls oil in 8 hours.

EMPLOYEES

M. T. Bryant, Driller B. L. Strickland, Driller
Ray Hatcher, Driller F. E. Ezernack, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>100</u>	<u>100</u>	<u>Surface sand and caliche</u>
<u>100</u>	<u>1100</u>	<u>1000</u>	<u>Red Bed and Shale</u>
<u>1100</u>	<u>1275</u>	<u>175</u>	<u>Anhydrite</u>
<u>1275</u>	<u>2310</u>	<u>1035</u>	<u>Anhydrite and Salt</u>
<u>2310</u>	<u>3440</u>	<u>1130</u>	<u>Anhydrite, Gypsum, Sand Streaks</u>
<u>3440</u>	<u>3480</u>	<u>40</u>	<u>Sand and Anhydrite</u>
<u>3480</u>	<u>3750</u>	<u>190</u>	<u>Anhydrite, Lime Streaks</u>
<u>3750</u>	<u>4220</u>	<u>470</u>	<u>Lime and Sand</u>
<u>4220</u>	<u>4362</u>	<u>142</u>	<u>Lime</u>
Tops from Radioactivity Log:			
	<u>Top Anhydrite</u>	<u>1103</u>	
	<u>Base Salt</u>	<u>2310</u>	
	<u>Top Queen</u>	<u>3442</u>	
	<u>Top Grayburg</u>	<u>3754</u>	
	<u>Top San Andres</u>	<u>4224</u>	

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 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 dyanamited, 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.

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE