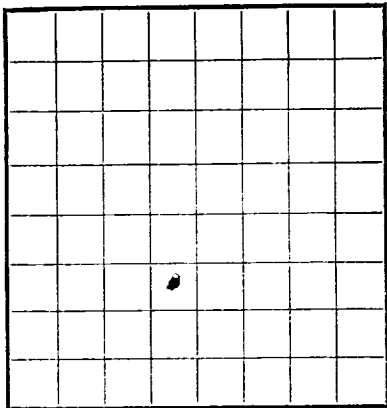


Form 9-330

U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM 08277
LEASE OR PERMIT TO PROSPECT 1st



RECEIVED UNITED STATES RECEIVED
DEPARTMENT OF THE INTERIOR SEP 11 1962
GEOLOGICAL SURVEY U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Geo. D. Riggs operator Address Box 30, Carlsbad, N.M.
Lessor or Tract Don A. Hughes Field Saladar-Yates State New Mexico
Well No. 5 Sec. 33 T. 20S R. 28E Meridian M.N.P.M. County Eddy
Location 1650 ft. N. of S. Line and 2185 ft. E. of W. Line of Section 33 Elevation 3200
(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 Geo. D. Riggs

Date Sept 7 1962 Title operator

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

Commenced drilling July 3, 1962 Finished drilling Aug 4, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 666 to 697 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 55 to 60 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>17</u>	<u>10</u>	<u>used</u>	<u>460</u>	<u>collar</u>	<u>460</u>			<u>water shut off</u>
<u>5 1/2</u>	<u>14</u>	<u>10</u>	<u>used</u>	<u>658</u>	<u>reg.</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>7</u>	<u>460</u>			<u>heavy</u>	<u>circulated</u>
<u>5 1/2</u>	<u>658</u>	<u>100</u>	<u>Denton Cementing Co.</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
<u>Fractured by Dowell with 270bbl of lease oil and 15000 lbs of 20/40 sand</u>						
<u>in open hole from 658 to 682</u>						

TOOLS USED

Rotary tools were used from surface feet to 658 feet, and from _____ feet to _____ feet
Cable tools were used from 658 feet to 682 feet, and from _____ feet to _____ feet

DATES

Put to producing September 1, 1962

The production for the first 24 hours was 22 barrels of fluid of which 18 bbl was oil; _____% emulsion; 4 bbl water; and _____% sediment. Gravity, °Bé. 36°

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Tom Tutor, Driller _____, Driller
R. D. Rains, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>surface</u>	<u>60</u>	<u>60</u>	<u>surface sand, water 55 to 60</u>
<u>60</u>	<u>120</u>	<u>60</u>	<u>coarse sand</u>
<u>120</u>	<u>130</u>	<u>10</u>	<u>red clay and sand</u>
<u>130</u>	<u>160</u>	<u>30</u>	<u>fine red sand</u>
<u>160</u>	<u>165</u>	<u>5</u>	<u>blue clay</u>
<u>165</u>	<u>180</u>	<u>15</u>	<u>red sandy clay</u>
<u>180</u>	<u>392</u>	<u>212</u>	<u>red beds and gyp</u>
<u>392</u>	<u>453</u>	<u>61</u>	<u>salt and gyp</u>
<u>453</u>	<u>481</u>	<u>28</u>	<u>anhydrite</u>
<u>481</u>	<u>522</u>	<u>41</u>	<u>brown and gray lime</u>
<u>522</u>	<u>532</u>	<u>10</u>	<u>broken lime and shale</u>
<u>532</u>	<u>560</u>	<u>28</u>	<u>gray lime and anhydrite</u>
<u>560</u>	<u>580</u>	<u>20</u>	<u>hard gray lime</u>

