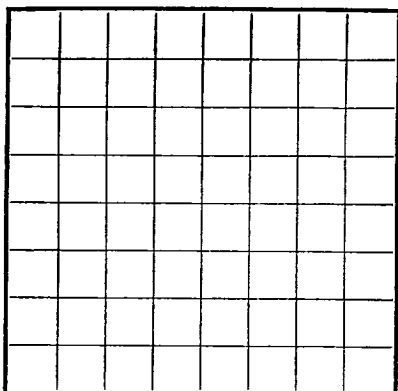


U. S. LAND OFFICE Las CrucesSERIAL NUMBER 06407-A

LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

RECEIVED UNITED STATES
DEPARTMENT OF THE INTERIOR
AUG 11 1961
GEOLOGICAL SURVEY
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICORECEIVED
AUG 14 1961O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company Bob Dean, Ltd. Address V. Pickett, 909 Midland Savings Building, Midland, Texas
Lessor or Tract So. Union-Federal Field Undesignated State New Mexico
Well No. 4 Sec. 1 T16-S R30-E Meridian NMPM County Eddy
Location 2310 ft. N. of S. Line and 2310 ft. E. of W. Line of Section 1 Elevation 3940
xx (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 _____

Date August 9, 1961Title Agent

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

Commenced drilling 6-15, 1961 Finished drilling 7-26, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3062 to 3070 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 2380 to 2390 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>8-5/8"</u>	<u>20.4</u>	<u>8</u>	<u>J-55</u>	<u>592</u>	<u>Hall 11b,</u>	<u>1200</u>	<u>-</u>	<u>-</u>	<u>Surf.</u>
<u>5 1/2"</u>	<u>15.5</u>	<u>J-55</u>	<u>2450</u>	<u>-</u>	<u>-</u>	<u>2450</u>	<u>-</u>	<u>-</u>	<u>Intermed.</u>
<u>4 1/2"</u>	<u>9.5</u>	<u>J-55</u>	<u>3114</u>	<u>Hall 11b,</u>	<u>-</u>	<u>3060</u>	<u>3068</u>	<u>Oil Str.</u>	
					<u>Cem.</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>502</u>	<u>50</u>	<u>P & P</u>	<u>-</u>	<u>-</u>
<u>4 1/2"</u>	<u>3114</u>	<u>70</u>	<u>P & P</u>	<u>-</u>	<u>-</u>
<u>2</u>	<u>3020</u>	<u>-</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 _____ feet
Cable tools were used from 0 feet to 3114 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 8-3, 1961

The production for the first 24 hours was 47 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 37

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

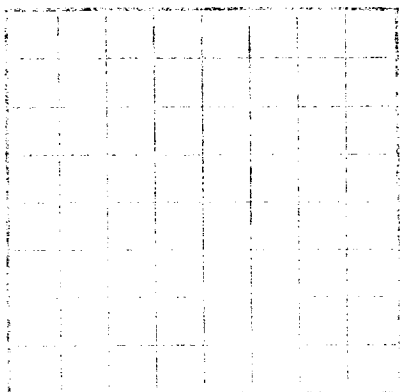
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Collier Drilling Co., Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>480</u>	<u>480</u>	<u>Surface, gravel, red beds</u>
<u>480</u>	<u>551</u>	<u>71</u>	<u>Anhydrite & dolomite</u>
<u>551</u>	<u>1393</u>	<u>842</u>	<u>Salt</u>
<u>1393</u>	<u>1548</u>	<u>155</u>	<u>Anhydrite, red beds</u>
<u>1548</u>	<u>1603</u>	<u>55</u>	<u>Gray Sand, red sand, shale</u>
<u>1603</u>	<u>2335</u>	<u>732</u>	<u>Anhy., gray & red shales, dolomite</u>
<u>2335</u>	<u>2547</u>	<u>212</u>	<u>Red & gray sand, black shale, anhy.</u>
<u>2547</u>	<u>2732</u>	<u>185</u>	<u>Gray sand, red sand, anhy.</u>
<u>2732</u>	<u>2818</u>	<u>86</u>	<u>Red sand, shale, anhy., dolomite</u>
<u>2818</u>	<u>3018</u>	<u>200</u>	<u>Gray & red sands, dolo., anhy.</u>
<u>3018</u>	<u>3114</u>	<u>96</u>	<u>Dolomite T. D.</u>



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

The following information is a summary of the work done on the well and is not intended to be a complete record of the well and its history. 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 dynamited, 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

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 dynamited, 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			
10-43094-2 U. S. GOVERNMENT PRINTING OFFICE			
FROM-	TO-	TOTAL FEET	FORMATION
FORMATION RECORD-Continued			