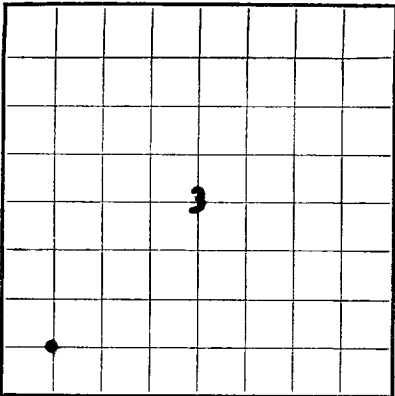




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029426-B
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company SINCLAIR OIL & GAS COMPANY Address Hobbs, New Mexico
Lessor or Tract H. E. West "B" Field Grayburg-Jackson State New Mexico
Well No. 16 Sec. 3 T. 17S R. 31E Meridian NPM County Eddy
Location 660 ft. N. of S Line and 660 ft. E. of W Line of Section 3 Elevation 3924
(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 September 5, 1958 Title District Superintendent

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

Commenced drilling 7/8/, 19 58 Finished drilling 8/24/, 19 58

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

No. 1, from 3,192 to 3,526' No. 4, from _____ to _____
No. 2, from 3,526 to 3,671' 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>10-3/4</u>	<u>28.52</u>	<u>SJ</u>	<u>Nat'l</u>	<u>765</u>					<u>Surface Production Testing</u>
<u>5-1/2</u>	<u>15.5</u>	<u>SR</u>	<u>J & L</u>	<u>3,673</u>			<u>3370</u>	<u>3578</u>	
<u>2-1/8</u>	<u>6.7</u>	<u>SR</u>	<u>Nat'l</u>	<u>3,328</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4</u>	<u>765'</u>	<u>100</u>	<u>Halliburton</u>		
<u>5-1/2</u>	<u>3,673'</u>	<u>100</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 3,673' feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19 58

The production for the first 24 hours was 120 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 36.2

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. L. Flemming, Driller Burl Jones, Driller
Gene Griffin, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>50</u>	<u>50</u>	<u>Sand</u>
<u>50</u>	<u>485</u>	<u>435</u>	<u>Sand and red beds</u>
<u>485</u>	<u>535</u>	<u>50</u>	<u>Red beds and anhydrite</u>
<u>535</u>	<u>685</u>	<u>150</u>	<u>Anhydrite</u>
<u>685</u>	<u>1700</u>	<u>1015</u>	<u>Salt</u>
<u>1700</u>	<u>1815</u>	<u>115</u>	<u>Salt and anhydrite</u>
<u>1815</u>	<u>2845</u>	<u>1030</u>	<u>Anhydrite and red rock</u>
<u>2845</u>	<u>3090</u>	<u>245</u>	<u>Anhydrite</u>
<u>3090</u>	<u>3214</u>	<u>124</u>	<u>Sand and anhydrite</u>
<u>3214</u>	<u>3673</u>	<u>459</u>	<u>Lime</u>
GEOLOGICAL TOPS			
<u>Yates</u>		<u>1,854'</u>	
<u>7-Rivers</u>		<u>2,166'</u>	
<u>Queen</u>		<u>2,782'</u>	
<u>Grayburg</u>		<u>3,192'</u>	
<u>San Andres</u>		<u>3,526'</u>	

[OVER]

10-43094-4

[illegible]

9/4/58: Plowed 43 bbls. 30.2 gravity oil in 8 1/2 hours for a calculated 24 hour potential of 120 barrels. Placed on production schedule 9/4/58 at top allowable of 35 bbls. oil per day.

8/26/58: Ray-Newton logs and perforated 5-1/2" OD casing from 3370'-3384' (Grayburg) and perforated the San Andres from 3570'-3578' with 4 jet shots per foot. Ran 2" tubing to 3328' and sand-oil fractured perforations with 20,000 gallons oil and 20,000# sand followed with 5000 gallons oil and 5000# sand.

9/4/58: Plowed 43 bbls. 30.2 gravity oil in 8 1/2 hours for a calculated 2 1/2 hour potential of 120 barrels. Placed on production schedule 9/4/58 at top allowable of 35 bbls. oil per day.