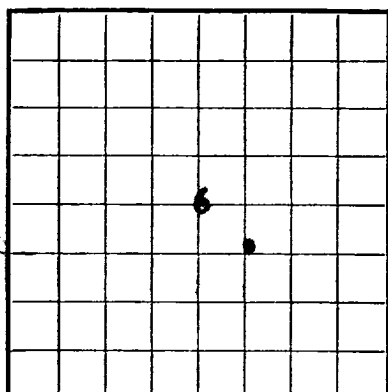


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029435-3
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sinclair Oil & Gas Company Address 520 E. Broadway, Hobbs, New Mexico
Lessor or Tract J. L. Keel "B" Field Grayburg-Jackson State New Mexico
Well No. 21 Sec. 6 T. 17S R. 11E Meridian _____ County Eddy
Location 1980 ft. N of 3 Line and 1980 ft. E of 3 Line of Section 6 Elevation 3752
(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 23, 1956 Title District Superintendent

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

Commenced drilling 5-27-, 19 56 Finished drilling 7-26-, 19 56

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3111 to 3100 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 _____ 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>8J</u>	<u>Armo</u>	<u>528</u>					<u>Surface</u>
<u>5-1/2"</u>	<u>18</u>	<u>8J</u>	<u>Armo</u>	<u>1000</u>					<u>Oil string</u>
<u>2-3/8"</u>	<u>6.4</u>	<u>8J</u>	<u>Armo</u>	<u>1000</u>					<u> tubing</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>528</u>	<u>100</u>	<u>Halliburton</u>		
<u>5-1/2"</u>	<u>2011</u>	<u>100</u>	<u>Halliburton</u>		

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>None</u>						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from Surface feet to 3100 feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing August 1,, 19 56

The production for the first 24 hours was 139 barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 34.5

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

Rock pressure, lbs. per sq. in. _____

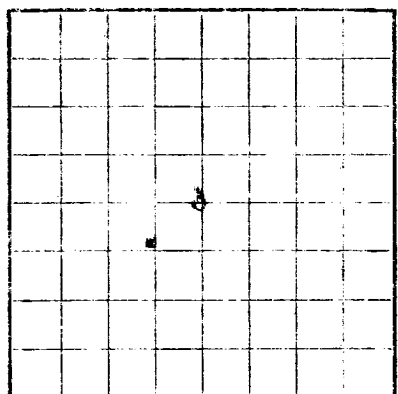
EMPLOYEES

_____, Driller _____, Driller
Cooper, Driller Clifford, Driller
Fleming, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>215</u>		<u>Red Rock and sand</u>
<u>215</u>	<u>325</u>		<u>Red rock and anhydrite</u>
<u>325</u>	<u>365</u>		<u>Lime & anhydrite</u>
<u>365</u>	<u>435</u>		<u>Anhydrite</u>
<u>435</u>	<u>500</u>		<u>Red rock</u>
<u>500</u>	<u>1345</u>		<u>Salt</u>
<u>1345</u>	<u>1795</u>		<u>Red rock and anhydrite</u>
<u>1795</u>	<u>2175</u>		<u>Lime & anhydrite</u>
<u>2175</u>	<u>2352</u>		<u>Anhydrite</u>
<u>2352</u>	<u>2390</u>		<u>Sand</u>
<u>2390</u>	<u>2750</u>		<u>Anhydrite</u>
<u>2750</u>	<u>3068</u>		<u>Lime</u>
<u>3068</u>	<u>3118</u>		<u>Sandy Lime</u>
<u>3118</u>	<u>3490</u>		<u>Lime</u>
			<u>Geological Top</u>
<u>Salt</u>	<u>500</u>		
<u>Base of Salt</u>	<u>1300</u>		
<u>Queen</u>	<u>2352</u>		
<u>Grayburg</u>	<u>2798</u>		
<u>San Andres</u>	<u>3111</u>		

[OVER]



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

U. S. LAND OFFICE
RECORD NUMBER
LEASE OR PERMIT TO PRODUCE

Company _____
Lessor or Trust _____
Well No. _____
Location _____
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 _____

The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____
To _____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
No. 8 from _____ to _____
No. 9 from _____ to _____
No. 10 from _____ to _____

7-28-56: Set packer at 2947 and fractured with 1000 gallons oil and 500/ sand.
7-28-56: Set packer at 2947 and fractured with 1000 gallons oil and 500/ sand.
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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 testing was conducted, 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 pulling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE
10-43094-2

MUDDING AND CEMENTING RECORD
Casing _____
Weight _____
Size _____
Amount of cement _____
Mud gravity _____
Amount of mud used _____

PLUGS AND ADAPTERS
Heavy plug _____
Adapters _____
Size _____
Length _____
Depth set _____

SHOOTING RECORD
Shell used _____
Explosive used _____
Quantity _____
Date _____
Depth cleared _____

TOOLS USED
Heavy tools were used from _____ feet to _____ feet.
Light tools were used from _____ feet to _____ feet.

DATES
Put to production _____
Production for the first 24 hours was _____ barrels of fluid of which _____ was oil.
Gravity _____
Gallons produced per 24 hours _____
If gas well, cut per 24 hours _____
Block pressure, lbs. per sq. in. _____

EMPLOYEES
Driller _____
Driller _____
Driller _____

FORMATION RECORD
FORMATION _____
TOTAL FEET _____
FROM _____
TO _____

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