

Form 9-830

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029415-2
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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. 23 Sec. 6 T. 17S R. 31E Meridian MPM County Elddy
Location 660 ft. N. of 8 Line and 1700 ft. E. of W Line of Section 6 Elevation 3760
(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 December 4, 1956

Title District Engineer

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

Commenced drilling 9/21, 1956 Finished drilling 11/17, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3760 to 3083 No. 4, from _____ to _____
No. 2, from 3083 to 3045 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>32.75</u>	<u>82</u>	<u>J. & L.</u>	<u>570</u>					<u>Surface</u>
<u>7"</u>	<u>20.5</u>	<u>82</u>	<u>J. & L.</u>	<u>200</u>					<u>Production</u>
<u>2-3/8"</u>	<u>4.2</u>	<u>82</u>	<u>Met 11</u>	<u>2917</u>					<u>Production</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>590</u>	<u>100</u>	<u>Halliburton</u>		
<u>7"</u>	<u>2805</u>	<u>200</u>	<u>Halliburton</u>		
<u>2-3/8"</u>	<u>2917</u>	<u>-</u>			

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material None 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 365 feet, and from _____ feet to _____ feet

DATES

December 4, 1956 Put to producing December 1, 1956
The production for the first 24 hours was 50 barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 36.4
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

E. W. Hughes, Driller W. R. Jenkins, Driller
J. O. Taylor, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>75</u>	<u>75</u>	<u>Sand</u>
<u>75</u>	<u>205</u>	<u>130</u>	<u>Red beds</u>
<u>205</u>	<u>410</u>	<u>205</u>	<u>Sand and red rock</u>
<u>410</u>	<u>510</u>	<u>100</u>	<u>Anhydrite</u>
<u>510</u>	<u>570</u>	<u>60</u>	<u>Salt and anhydrite</u>
<u>570</u>	<u>1295</u>	<u>725</u>	<u>Salt</u>
<u>1295</u>	<u>1785</u>	<u>490</u>	<u>Anhydrite</u>
<u>1785</u>	<u>1880</u>	<u>95</u>	<u>Lime and anhydrite</u>
<u>1880</u>	<u>2545</u>	<u>665</u>	<u>Anhydrite</u>
<u>2545</u>	<u>2610</u>	<u>65</u>	<u>Anhydrite and shale</u>
<u>2610</u>	<u>2745</u>	<u>135</u>	<u>Lime and anhydrite</u>
<u>2745</u>	<u>3083</u>	<u>720</u>	<u>Lime</u>
GEOLOGICAL TOPS			
<u>Tamill</u>	<u>1295</u>	<u>1295</u>	
<u>Yates</u>	<u>1476</u>	<u>1476</u>	
<u>Queen</u>	<u>2344</u>	<u>2344</u>	
<u>Grayburg</u>	<u>2768</u>	<u>2768</u>	
<u>San Andres</u>	<u>3083</u>	<u>3083</u>	

CLASS OR PERMIT TO PROSPECT
SERIAL NUMBER
U.S. LAND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company _____
 Lesson or Tract _____
 Well No. _____
 Location _____ of _____ line and _____ ft. _____ of _____ line of _____
 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 _____
 Title _____
 Date _____

[illegible]

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

MUDGING AND CEMENTING RECORD				
DATE	DEPTH OF MUDGING	NUMBER OF MUDGING	METHOD USED	AMOUNT OF MUDGING
1917	100	100	100	100
1918	100	100	100	100
1919	100	100	100	100

PLUGS AND ADAPTERS

[illegible]

УЧОБНА ЗАПОВІДЬ

State	Quantity	State	Quantity	State	Quantity	State	Quantity
Alabama	100	Alabama	100	Alabama	100	Alabama	100
Alaska	100	Alaska	100	Alaska	100	Alaska	100
Arizona	100	Arizona	100	Arizona	100	Arizona	100
Arkansas	100	Arkansas	100	Arkansas	100	Arkansas	100
California	100	California	100	California	100	California	100
Colorado	100	Colorado	100	Colorado	100	Colorado	100
Connecticut	100	Connecticut	100	Connecticut	100	Connecticut	100
Delaware	100	Delaware	100	Delaware	100	Delaware	100
District of Columbia	100	District of Columbia	100	District of Columbia	100	District of Columbia	100
Florida	100	Florida	100	Florida	100	Florida	100
Georgia	100	Georgia	100	Georgia	100	Georgia	100
Hawaii	100	Hawaii	100	Hawaii	100	Hawaii	100
Idaho	100	Idaho	100	Idaho	100	Idaho	100
Illinois	100	Illinois	100	Illinois	100	Illinois	100
Indiana	100	Indiana	100	Indiana	100	Indiana	100
Iowa	100	Iowa	100	Iowa	100	Iowa	100
Kansas	100	Kansas	100	Kansas	100	Kansas	100
Kentucky	100	Kentucky	100	Kentucky	100	Kentucky	100
Louisiana	100	Louisiana	100	Louisiana	100	Louisiana	100
Maine	100	Maine	100	Maine	100	Maine	100
Maryland	100	Maryland	100	Maryland	100	Maryland	100
Massachusetts	100	Massachusetts	100	Massachusetts	100	Massachusetts	100
Michigan	100	Michigan	100	Michigan	100	Michigan	100
Minnesota	100	Minnesota	100	Minnesota	100	Minnesota	100
Mississippi	100	Mississippi	100	Mississippi	100	Mississippi	100
Missouri	100	Missouri	100	Missouri	100	Missouri	100
Montana	100	Montana	100	Montana	100	Montana	100
Nebraska	100	Nebraska	100	Nebraska	100	Nebraska	100
Nevada	100	Nevada	100	Nevada	100	Nevada	100
New Hampshire	100	New Hampshire	100	New Hampshire	100	New Hampshire	100
New Jersey	100	New Jersey	100	New Jersey	100	New Jersey	100
New Mexico	100	New Mexico	100	New Mexico	100	New Mexico	100
New York	100	New York	100	New York	100	New York	100
North Carolina	100	North Carolina	100	North Carolina	100	North Carolina	100
North Dakota	100	North Dakota	100	North Dakota	100	North Dakota	100
Ohio	100	Ohio	100	Ohio	100	Ohio	100
Oklahoma	100	Oklahoma	100	Oklahoma	100	Oklahoma	100
Oregon	100	Oregon	100	Oregon	100	Oregon	100
Pennsylvania	100	Pennsylvania	100	Pennsylvania	100	Pennsylvania	100
Rhode Island	100	Rhode Island	100	Rhode Island	100	Rhode Island	100
South Carolina	100	South Carolina	100	South Carolina	100	South Carolina	100
South Dakota	100	South Dakota	100	South Dakota	100	South Dakota	100
Tennessee	100	Tennessee	100	Tennessee	100	Tennessee	100
Texas	100	Texas	100	Texas	100	Texas	100
Utah	100	Utah	100	Utah	100	Utah	100
Vermont	100	Vermont	100	Vermont	100	Vermont	100
Virginia	100	Virginia	100	Virginia	100	Virginia	100
Washington	100	Washington	100	Washington	100	Washington	100
West Virginia	100	West Virginia	100	West Virginia	100	West Virginia	100
Wisconsin	100	Wisconsin	100	Wisconsin	100	Wisconsin	100
Wyoming	100	Wyoming	100	Wyoming	100	Wyoming	100

TOOLS USED

DATE		DESCRIPTION	AMOUNT	CHECK NO.	REMARKS
1954	12	...	...	...	...
1954	11	...	...	...	...
1954	10	...	...	...	...
1954	9	...	...	...	...
1954	8	...	...	...	...
1954	7	...	...	...	...
1954	6	...	...	...	...
1954	5	...	...	...	...
1954	4	...	...	...	...
1954	3	...	...	...	...
1954	2	...	...	...	...
1954	1	...	...	...	...

DATE

[illegible]

EMPIRE

Driller	Driller
Driller	Driller

FORMATION RECORD

[illegible]

DATE	DESCRIPTION	AMOUNT	BALANCE
1960			
1961			
1962			
1963			
1964			
1965			
1966			
1967			
1968			
1969			
1970			
1971			
1972			
1973			
1974			
1975			
1976			
1977			
1978			
1979			
1980			
1981			
1982			
1983			
1984			
1985			
1986			
1987			
1988			
1989			
1990			
1991			
1992			
1993			
1994			
1995			
1996			
1997			
1998			
1999			
2000			
2001			
2002			
2003			
2004			
2005			
2006			
2007			
2008			
2009			
2010			
2011			
2012			
2013			
2014			
2015			
2016			
2017			
2018			
2019			
2020			
2021			
2022			
2023			
2024			
2025			
2026			
2027			
2028			
2029			
2030			
2031			
2032			
2033			
2034			
2035			
2036			
2037			
2038			
2039			
2040			
2041			
2042			
2043			
2044			
2045			
2046			
2047			
2048			
2049			
2050			
2051			
2052			
2053			
2054			
2055			
2056			
2057			
2058			
2059			
2060			
2061			
2062			
2063			
2064			
2065			
2066			
2067			
2068			
2069			
2070			
2071			
2072			
2073			
2074			
2075			
2076			
2077			
2078			
2079			
2080			
2081			
2082			
2083			
2084			
2085			
2086			