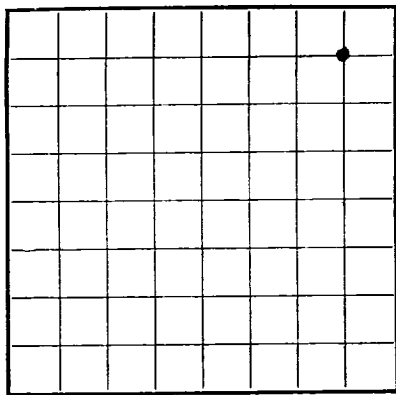




LOCATE WELL CORRECTLY

Orig. & 4 cc: USGS

cc: FHR

JTR

EOC

HAM

File

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 029435 a

LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company Sinclair Oil & Gas Company Address Box 1927, Hobbs, New Mexico
Lessor or Tract J. L. Keel " " Field Grayburg-Jackson State New Mexico
Well No. 12 Sec. 7 T. 17-S R. 31-E Meridian _____ County Eddy
Location 660 ft. NE of N Line and 660 ft. SE of E Line of Sec. 7-17S-31E Elevation 3745
(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 October 20, 1954Title District Superintendent

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

Commenced drilling July 1, 1954 Finished drilling August 11, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2949 to 2959 No. 4, from _____ to _____
No. 2, from 2990 to 3000 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 435 to 460 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>22.75</u>	<u>Welded</u>	<u>Spiral</u>	<u>566</u>	<u>None</u>				
<u>7"</u>	<u>20.6</u>	<u>8</u>	<u>5</u>	<u>928</u>	<u>None</u>				
<u>7"</u>	<u>17.8</u>	<u>8</u>	<u>5</u>	<u>1945</u>	<u>None</u>				
<u>2-3/8"</u>	<u>4.75</u>	<u>8</u>	<u>5</u>	<u>2805</u>	<u>None</u>				
HISTORY OF OIL OR GAS WELL									

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>568</u>	<u>100</u>	<u>Halliburton</u>		
<u>7"</u>	<u>2853</u>	<u>200</u>	<u>"</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>8/3/54</u>	<u>Dolofrac</u>	<u>treated from 2935' to 2971'</u>	<u>using 2000 gals. oil and</u>			
		<u>2000 lbs. sand,</u>				
<u>8/12/54</u>	<u>Sand frac</u>	<u>treated from 2977' to 3011'</u>	<u>using 2000 gals. oil and</u>			
		<u>3000 lbs. sand,</u>				
TOOLS USED						
Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet						
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet						
Surface 3011' TO DATES						

Put to producing _____, 19____

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

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas 36.0

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	275	275	Surface sand & red beds
275	290	15	Red rock
290	435	145	Anhydrite
435	460	25	Water sand
460	535	75	Red beds
535	1150	615	Salt
1150	1183	33	Salt & anhydrite
1183	1331	148	Salt
1331	1610	279	Anhydrite & red rock
1610	1745	135	Anhydrite
1745	1762	17	Anhydrite & red rock
1762	1855	93	Anhydrite
1855	1865	10	Sand - water
1865	1980	115	Anhydrite
1980	2005	25	Anhydrite & lime
2005	2410	405	Anhydrite
2410	2420	10	Lime
2420	2435	15	Red sand
2435	2517	82	Anhydrite
2517	2520	3	Lime
2520	2815	295	Anhydrite & sandy lime
2815	2891	76	Lime
2891	2895	4	Brown sandy lime
2895	3011	116	Lime

3011 Total Depth

[OVER]

