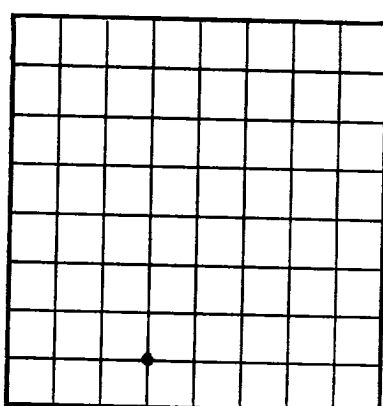




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Sinclair Oil & Gas Company** Address **Box 1527 Hobbs, N.M.**
Lessor or Tract **J. L. Keel "B"** Field **Grayburg-Jackson** State **New Mexico**
Well No. **11** Sec. **5** T. **17S** R. **31E** Meridian _____ County **Eddy**
Location **660 ft. (N) of S Line and 1980 ft. (E) of W Line of 5-17-31** Elevation **3809**
(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 **M. J. P. King**Date **November 22, 1951**Title **Dist. Supt.**

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

Commenced drilling **8-11**, 19**51** Finished drilling **9-30**, 19**51**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3065** to **3075** 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—	
8 5/8	26	8		350					
5 1/2	18	8		200					
2 UB	4.7	8		3045					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	626	100	Halliburton		
5 1/2	3044	200	do		

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
3 1/2"		Nitro-glycerine	120 qts	10-3	3090	3092

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **Surface** feet to **3092** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **Oct. 10,** 19**51**
The production for the first 24 hours was **33** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **36**
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
Fleming _____, Driller **Walker** _____, Driller
Boyce _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	90	90	Sandy Red Rock & Caliche
90	179	89	Sandy Red Rock
179	220	41	Red Rock & Shale
220	375	155	Red sand & Red bed
375	505	130	Anhydrite
505	560	55	Anhydrite & Red Rock
560	585	25	Redbed
585	600	15	Anhydrite
600	1425	825	Salt
1425	2128	700	Anhydrite
2125	2128	3	Brown lime
2128	2275	147	Anhydrite
2275	2320	45	Sand & Anhydrite
2320	2514	194	Anhydrite
2514	2540	26	Red Sand
2540	2935	395	Anhydrite
2935	3092	157	Gray lime

LEON

LO

LOFT FEET

FORMATION

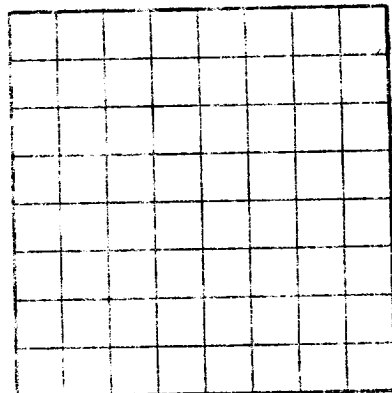
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FORMATION RECORD—CONTINUED

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



LOCATE WELL CORRECTLY

Company _____
Lessor or Tract _____
Well No. _____
Location _____ 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
Date _____
Title _____
The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____
19__

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
(Denote gas by G)

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____

CASING RECORD

Quantity	Weight	Thickness	Make	Amount	Kind of shoe	Foot and pulled from	Perforated
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Notes 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 added, or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of holes. 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

MUDDING AND CEMENTING RECORD

Quantity	Weight	Thickness	Make	Amount	Kind of shoe	Foot and pulled from	Perforated
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PLUGS AND ADAPTERS

Quantity	Weight	Thickness	Make	Amount	Kind of shoe	Foot and pulled from	Perforated
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SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
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TOOLS USED

Rotary tools were used from _____ feet to _____ feet	Cable tools were used from _____ feet to _____ feet
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DATES

Put to producing _____ 19__	The production for the first 24 hours was _____	If gas well, cut ft. per 24 hours _____	Block pressure, lbs. per sq. in. _____
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EMPLOYEES

Driller _____	Driller _____
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FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	10	10	Gravel
10	20	20	Sand
20	30	30	Clay
30	40	40	Shale
40	50	50	Limestone
50	60	60	Granite
60	70	70	Basalt
70	80	80	Sandstone
80	90	90	Shale
90	100	100	Gravel
100	110	110	Sand
110	120	120	Clay
120	130	130	Shale
130	140	140	Limestone
140	150	150	Granite
150	160	160	Basalt
160	170	170	Sandstone
170	180	180	Shale
180	190	190	Gravel
190	200	200	Sand
200	210	210	Clay
210	220	220	Shale
220	230	230	Limestone
230	240	240	Granite
240	250	250	Basalt
250	260	260	Sandstone
260	270	270	Shale
270	280	280	Gravel
280	290	290	Sand
290	300	300	Clay
300	310	310	Shale
310	320	320	Limestone
320	330	330	Granite
330	340	340	Basalt
340	350	350	Sandstone
350	360	360	Shale
360	370	370	Gravel
370	380	380	Sand
380	390	390	Clay
390	400	400	Shale
400	410	410	Limestone
410	420	420	Granite
420	430	430	Basalt
430	440	440	Sandstone
440	450	450	Shale
450	460	460	Gravel
460	470	470	Sand
470	480	480	Clay
480	490	490	Shale
490	500	500	Limestone
500	510	510	Granite
510	520	520	Basalt
520	530	530	Sandstone
530	540	540	Shale
540	550	550	Gravel
550	560	560	Sand
560	570	570	Clay
570	580	580	Shale
580	590	590	Limestone
590	600	600	Granite
600	610	610	Basalt
610	620	620	Sandstone
620	630	630	Shale
630	640	640	Gravel
640	650	650	Sand
650	660	660	Clay
660	670	670	Shale
670	680	680	Limestone
680	690	690	Granite
690	700	700	Basalt
700	710	710	Sandstone
710	720	720	Shale
720	730	730	Gravel
730	740	740	Sand
740	750	750	Clay
750	760	760	Shale
760	770	770	Limestone
770	780	780	Granite
780	790	790	Basalt
790	800	800	Sandstone
800	810	810	Shale
810	820	820	Gravel
820	830	830	Sand
830	840	840	Clay
840	850	850	Shale
850	860	860	Limestone
860	870	870	Granite
870	880	880	Basalt
880	890	890	Sandstone
890	900	900	Shale
900	910	910	Gravel
910	920	920	Sand
920	930	930	Clay
930	940	940	Shale
940	950	950	Limestone
950	960	960	Granite
960	970	970	Basalt
970	980	980	Sandstone
980	990	990	Shale
990	1000	1000	Gravel