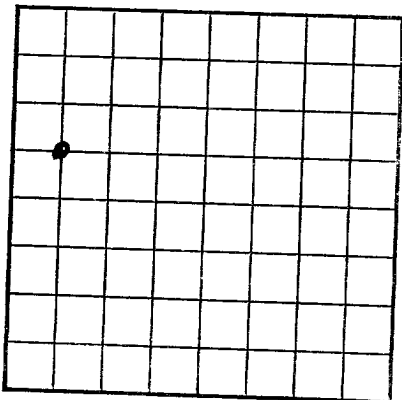




LOCATE WELL CORRECTLY

Orig: & cc: USGS

4- \$*cc: OCC

cc: WHC

EGC

JTR, F

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **029435 (b)**

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 "B"** Field **Grayburg-Jackson** State **New Mexico**
Well No. **17** Sec. **8** T. **17S** R. **31 E** Meridian County **New Mexico**
Location **1980** ft. **N** of **N** Line and **660** ft. **E** of **W** Line of **Se c. 8-17-31** Elevation **3738**
(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.

Date **Dec. 22, 1952**Signed **[Signature]**
Title **Dist. Supt.**

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

Commenced drilling **Oct. 8,** 19 **52** Finished drilling **Nov. 29**, 19 **52**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2935** to **2942** No. 4, from _____ to _____
No. 2, from **2966** to **2977** No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **437** to **447** No. 3, from **485** to **490**
No. 2, from **460** to **465** 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	32	8		561	Larkin				
7	20			2837	"				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	568	100	Halliburton		
7	2839	200	do		
2 1/2	3209				

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
		Stratafraced	1500 Gal.	11-12	2962 to 2975	

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **Surface** feet to **3286** feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing **Dec. 1,** 19 **52**

The production for the first 24 hours was **45** 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

Payne, Driller **Martin**, Driller
Clifford, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Sand 0	20	20	Sand
20	175	155	Caliche & Redbed
175	325	150	Redbed
325	380	55	Redbed & Redrock
380	425	45	Redrock
425	437	12	Anhydrite
437	447	10	Broken Anhydrite & sand
447	455	8	Redbed
455	460	5	Anhydrite
460	465	5	Sand
465	485	20	Anhydrite
485	519	34	Anhydrite & Redbed
519	520	1	Salt
520	540	20	Redbed
540	1340	800	Salt
1340	1995	655	Anhydrite
1995	2005	10	Brown lime
2005	2015	10	Anhydrite
2015	2035	20	Anhydrite & lime
2035	2044	9	Brown lime
2044	2050	6	Gray lime
2050	2430	380	Anhydrite
2430	2454	24	Red sand
2454	2816	362	Anhydrite
2816	2966	150	Gray lime
2966	2975	9	Sandy lime
2975	3218	243	Gray lime
3218	3227	9	White lime
3227	3286	59	Gray lime

FROM	TO	TOTAL FEET	FORMATION
3500	3500	0	Gravelly sand
3450	3500	50	Gravelly sand
3400	3500	100	Gravelly sand
3350	3500	150	Gravelly sand
3300	3500	200	Gravelly sand
3250	3500	250	Gravelly sand
3200	3500	300	Gravelly sand
3150	3500	350	Gravelly sand
3100	3500	400	Gravelly sand
3050	3500	450	Gravelly sand
3000	3500	500	Gravelly sand
2950	3500	550	Gravelly sand
2900	3500	600	Gravelly sand
2850	3500	650	Gravelly sand
2800	3500	700	Gravelly sand
2750	3500	750	Gravelly sand
2700	3500	800	Gravelly sand
2650	3500	850	Gravelly sand
2600	3500	900	Gravelly sand
2550	3500	950	Gravelly sand
2500	3500	1000	Gravelly sand
2450	3500	1050	Gravelly sand
2400	3500	1100	Gravelly sand
2350	3500	1150	Gravelly sand
2300	3500	1200	Gravelly sand
2250	3500	1250	Gravelly sand
2200	3500	1300	Gravelly sand
2150	3500	1350	Gravelly sand
2100	3500	1400	Gravelly sand
2050	3500	1450	Gravelly sand
2000	3500	1500	Gravelly sand
1950	3500	1550	Gravelly sand
1900	3500	1600	Gravelly sand
1850	3500	1650	Gravelly sand
1800	3500	1700	Gravelly sand
1750	3500	1750	Gravelly sand
1700	3500	1800	Gravelly sand
1650	3500	1850	Gravelly sand
1600	3500	1900	Gravelly sand
1550	3500	1950	Gravelly sand
1500	3500	2000	Gravelly sand
1450	3500	2050	Gravelly sand
1400	3500	2100	Gravelly sand
1350	3500	2150	Gravelly sand
1300	3500	2200	Gravelly sand
1250	3500	2250	Gravelly sand
1200	3500	2300	Gravelly sand
1150	3500	2350	Gravelly sand
1100	3500	2400	Gravelly sand
1050	3500	2450	Gravelly sand
1000	3500	2500	Gravelly sand
950	3500	2550	Gravelly sand
900	3500	2600	Gravelly sand
850	3500	2650	Gravelly sand
800	3500	2700	Gravelly sand
750	3500	2750	Gravelly sand
700	3500	2800	Gravelly sand
650	3500	2850	Gravelly sand
600	3500	2900	Gravelly sand
550	3500	2950	Gravelly sand
500	3500	3000	Gravelly sand
450	3500	3050	Gravelly sand
400	3500	3100	Gravelly sand
350	3500	3150	Gravelly sand
300	3500	3200	Gravelly sand
250	3500	3250	Gravelly sand
200	3500	3300	Gravelly sand
150	3500	3350	Gravelly sand
100	3500	3400	Gravelly sand
50	3500	3450	Gravelly sand
0	3500	3500	Gravelly sand

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 casing was "sidetracked" 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 plums 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