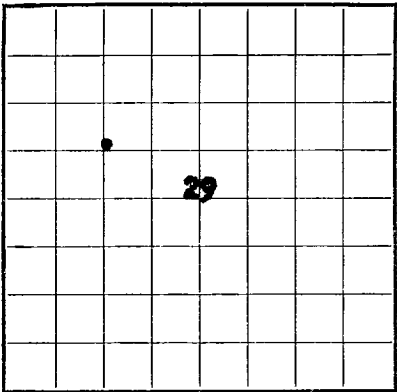




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **029395 (b)**
LEASE OR PERMIT TO PROSPECT

FEB 27 1958

LOG OF OIL OR GAS WELL

Company **Sinclair Oil & Gas Company** Address **520 E. Broadway, Hobbs, New Mexico**
Lessor or Tract **Turner "B"-SP** Field **Grayburg-Jackson** State **New Mexico**
Well No. **52** Sec. **29** T. **17S** R. **31E** Meridian **NPM** County **Eddy**
Location **1980** ft. **N** of **N** Line and **660** ft. **E** of **W** Line of **Section 19** Elevation **3616**
(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 *[Signature]*

Date **February 25, 1958** Title **District Superintendent**

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

Commenced drilling **12/31/**, 19 **57** Finished drilling **2/17/**, 19 **58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2940** to **3384** 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—	
10-3/4	32.75	8R	Nat'l	558					Surface
5-1/2	14	8R	"	3451			3300	3320	Production
2-3/8	4.7	8R	"	3217					Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	558	100	Halliburton		
5-1/2	3451	150	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		NONE				

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **Surface** feet to **3451'** feet, and from _____ feet to _____ feet

DATES

February 25, 1958, 19 _____ Put to producing **February 23,** 19 **58**

The production for the first 24 hours was **216** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, °Bé. **37.4**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. A. Wiley, Driller **R. A. Malton**, Driller
E. H. Wooley, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	270	270	Sand and red shale
270	505	235	Red rock and anhydrite
505	531	26	Salt and Anhydrite
531	1375	844	Salt
1375	1735	360	Anhydrite and red rock
1735	2020	285	Shale and anhydrite
2020	2325	305	Lime and anhydrite
2325	2525	200	Anhydrite
2525	2905	380	Lime and anhydrite
2905	3451	546	Lime
GEOLOGICAL TOPS			
Salt	531	/ 3115	
Yates	1534	/ 2112	
7-Rivers	1898	/ 1748	
Queen	2542	/ 1104	
Grayburg	3384 2940	/ 706	
San Andres	3384	/ 262	

[illegible]

12/31/57:	Spudded @ 9:00 AM - Kincaid & Watson Drilling Co.
1/1/58:	Set 10-3/4" OD casing at 558' with 100 sacks regular cement
2/19/58:	Set 5-1/2" OD casing at 3451' and cemented with 150 sacks regular cement.
2/21/58:	Ran Gamma-Ray Neutron Log, perforated 5-1/2" OD casing 1/3300'-3320' with 80 jet holes.
2/22/58:	Sand oil fractured perforations with 20,000 gallons refined oil and 20,000# sand.
2/23/58:	Well flowed 5 1/2 bbls. of 37.4 gravity oil in 6 hours & calculated potential of 216 bbls. in 2 1/2 hours. 20/64" choke. GOR 1080. Placed on production schedule 2/23/58.