



U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **011827**
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 **Hobbs, New Mexico**
Lessor or Tract **Federal 714** Field **Undesignated** State **New Mexico**
Well No. **4** Sec. **20** T. **23S** R. **36E** Meridian **NMPM** County **Lea**
Location **1980** ft. **N** of **S** Line and **1980** ft. **E** of **W** Line of **Section 20** Elevation **3459'**
(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 **June 17, 1958** Title **Asst. District Sup't.**

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

Commenced drilling **5/14/**, 19**58** Finished drilling **5/24/**, 19**58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3,574'** to **3,714'** 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—	
7-5/8"	24	8R	Nat'l	327'					Surface
5"	15.5	8R	"	3750'			3665'	3687'	Production
2-3/8"	4.7	8R	J & L	3676'					Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8"	327'	200	Halliburton		
5"	3750'	300	"		

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

TOOLS USED

Rotary tools were used from **Surface** feet to **3,750** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **June 1,** _____, 19**58**
The production for the first 24 hours was **173** barrels of fluid of which **41** % was oil; **0** %
emulsion; **59** % water; and **0** % sediment. Gravity, °Bé. **35.8**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

H. C. Cravens, Driller **George Reinburg**, Driller
Chester Huffman, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	171	171	Sand and Caliche
171	972	801	Red beds
972	1660	688	Anhydrite and red beds
1660	2625	965	Salt and anhydrite
2625	3354	729	Salt, anhydrite, and gypsum
3354	3750 TD	396	Lime
GEOLOGICAL TOPS			
Rustler	1591	1868	
Yates	3574	115	

FORMATION RECORD--Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

5/27/58: Perforated 5"OD Casing from 3665'-3687' with 4 jet shots per foot.

5/29/59: Sand-oil frac Yates perforations with 20,000 gallons refined oil and 20,000# sand.

6/1/58: Well flowed 71 bbls. oil and 102 bbls. water in 2 1/2 hours thru 18/64" choke. Completed June 1, 1958.