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U. S. LAND OFFICE **Las Cruces**

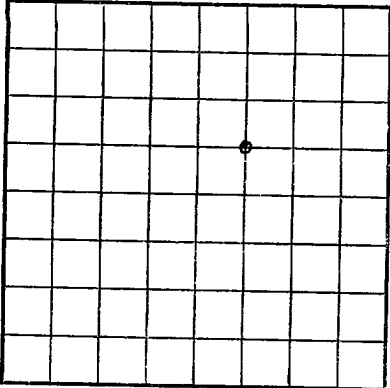
SERIAL NUMBER **029426 a**

LEASE OR PERMIT TO PROSPECT

File **UNITED STATES**

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **Sinclair Oil & Gas Company** Address **520 East Broadway, Hobbs, New Mexico**

Lessor or Tract **H. E. West "A"** Field **Square Lake** State **New Mexico**

Well No. **4** Sec. **4** T. **17 S** R. **31 E** Meridian **Eddy** County **Eddy**

Location **1980** ft. **N** of **N** Line and **1980** ft. **E** of **E** Line of **Sec. 4-17-31** Elevation **3943**
(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 **October 22, 1954** Title **Dist. Supt.**

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

Commenced drilling **8-7-54**, 19 **54** Finished drilling **9-13**, 19 **54**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3326** to **3336** 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 **None** 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	24	8		703	None				
7	20 & 17	8		3169	Larkin				
2	4.75	8		3283					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	706	100	Halliburton	30	20 Barrels
7	3169	200	"	30	20 "

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length _____ Depth set _____
Adapters—Material **None** 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 _____ feet, and from _____ feet to _____ feet

Put to producing _____, 19 **54**

The production for the first 24 hours was **120** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment.

Gravity, °Be. **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

John E. Fleming, Driller **Clyde Tidwell**, Driller

Joe F. Taylor, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
75	75	75	Red sand & Redrock
75	90	15	Gray shale
90	145	55	Sandy shale
145	315	170	Redrock
315	385	70	Red sandy shale
385	510	125	Redrock
510	650	140	Anhydrite
650	655	5	Redrock
655	660	5	A nhydrite
660	695	35	Redrock
695	1665	970	Salt
1665	2755	1090	Anhydrite
2755	2770	15	Red sand
2770	3161	391	Anhydrite
3161	3341 TD	180	Gray lime

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

16-43094-1

U. S. GOVERNMENT PRINTING OFFICE

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.