

U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **062524-A**

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 **520 East Broadway, Hobbs, New Mexico**
Lessor or Tract **Federal-Saner** Field **South Dickey Queen** State **New Mexico**
Well No. **3** Sec. **8** T. **15S** R. **31E** Meridian **NMPM** County **Chaves**
Location **660** ft. [N] of **3** Line and **1900** ft. [W] of **E** Line of **Sec. 8** Elevation **4436 (GL)**
(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

Date **July 15, 1955**Title **District Superintendent**

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

Commenced drilling **April 2,** 19**55** Finished drilling **April 25,** 19**55**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3102** to **3109** 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	6-R	How	334					
7"	20.00	6-R	How	3100					
2-3/4"	4.50	6-R	How	3000					
HISJOKE OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	336	200 Sacks	Halliburton		
7"	3100	100 Sacks	Halliburton		

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
5-1/2"	W/4000	galena oil and 4000#	Sand from 3102-3109.			

TOOLS USED

Rotary tools were used from **Surface** feet to **3101** feet, and from _____ feet to _____ feet
Cable tools were used from **3101** feet to **3109** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **April 21,** 19**55**

The production for the first 24 hours was **327** barrels of fluid of which **100**% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. **38°**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Vernon Adams _____, Driller **Amos Goff** _____, Driller
G. C. Moore _____, Driller **R. A. Chisholm** _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Caliche
30	336	306	Red Rock
336	1307	971	Red Beds
1307	1407	100	Anhydrite and Gyp
1407	1656	249	Anhydrite and Shells
1656	1880	224	Anhydrite, Gyp and Salt
1880	2050	170	Anhydrite and Salt
2050	3067	1017	Anhydrite
3067	3101	34	Lime (Top of Queen-3082')
3101	3109	8	Sand
3109			Total Depth

DEVIATION TEST:

Off-1/4° @ 1000'; 3/4° @ 1400'; 1° @ 1600'; 3/4° @ 1850'; 1-1/4° @ 2130'; 3/4° @ 2355';
1/4° @ 2640'; 1-3/4° @ 2800'; 1-1/2° @ 3087';

TOP OF FORMATIONS:

Top of Queen—3082'.

