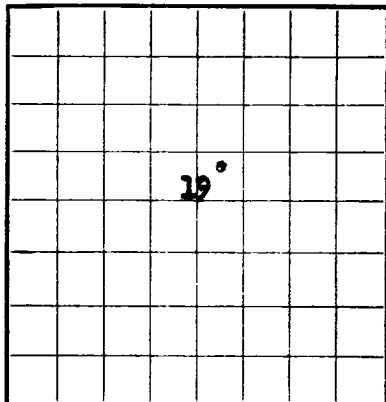


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **047968**
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Sinclair Oil & gas Company** Address **520 E. Broadway, Hobbs, New Mexico**
Lessor or Tract **J. H. McClure** Field **Dollarhide Drinkard** State **New Mexico**
Well No. **20** Sec. **19** T. **24S** R. **38E** Meridian **NMPM** County **Lea**
Location **2310** ft. **N** of **N** Line and **2310** ft. **E** of **E** Line of **Section 19** Elevation **3180**
(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 **January 29, 1957** Title **District Superintendent**

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

Commenced drilling **12/17/**, 19 **56** Finished drilling **1/21/**, 19 **57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **6600** to **6897** 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—	
8-5/8"	24.32	8R	J & L	3225					Surface
5-1/2"	17.15	8R	Nat'l.	6900			6662	6706	Production
2-3/8"	8.7	8R	Nat'l.	6719					Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	3224	1000	Halliburton		
5-1/2"	6900	525	"		
2-3/8"	6719	0			

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 **Surface** feet to **6900** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing **1/26/**, 19 **57**
The production for the first 24 hours was **348** barrels of fluid of which **100**% was oil; **0**% emulsion; **0**% water; and **0**% sediment. Gravity, °Bé. **36.6**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

E. Lowe, Driller **G. W. Blankston**, Driller
P. White, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	180	180	Caliche & Red Beds
180	946	766	Red Beds
946	1268	322	Red Beds & Anhydrite
1268	2710	1442	Salt & anhydrite
2710	3166	456	Anhydrite & Gypsum
3166	6900	3734	Lime
	6897PBD		Lime

1/18/57 - DST #1: 6660' - 6725' (Drinkard) 5/8" BC, 1" TC Tool open 2 hours. Strong blow at start. Gas to surface in 33 minutes. Pulled tool and recovered 100' gas cut drilling mud, 1220' free oil, 215' mud cut oil, 90' slightly salty water. IFP 175#, FFP 645#, 30 min. SIBHP 2555#, Hydrostatic in 3225, Out 3205#.

GEOLOGICAL TOPS

Anhydrite - 1260' (✓ 1920)
Salt - 1435' (✓ 1745)
Queen - 3608' (-428)
San Andres - 4123' (-943)
Gloriette - 5285' (-2105)
Tabbs - 6200' (-3020)
Drinkard - 6600' (-3420)

UNITED STATES
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GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

A 10x10 grid with a small black mark in the center. The mark is located at the intersection of the 5th column and the 5th row, specifically on the horizontal line.

Commenced drilling _____ 19____
Finished drilling _____ 19____
The summary on this page is for the condition of the well at above date.

Date _____ Title _____

11/11/11

IMPORTANT WATER SANDS

CASING RECORD

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

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SHAM, D JO-

Heavy plug	Material	Length	Weight
Adaptator	Material	Weight	Length

Case No.	Explain the case	Quantity	Date	Depth of	Depth of
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
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94					
95					
96					
97					
98					
99					
100					

TOOLS USED

_____	_____	_____
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EMPLOYEES

FROM
TO
TOTAL
FOR

[illegible]

NOTIFICATION

১৪৭০।