

U.S. LAND OFFICE **Las Cruces**
 Serial Number **067988**
 Lease or Property Proposed

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 Trust **J. H. McClure** Field **Dollarhide Drinkard** New Mexico
 Well No. **21** Sec. **19** T. **24S** R. **38E** Meridian **NMPM** County **Lea**
 Location **990** ft. **XX** of **N** Line and **2310** ft. **XX** of **E** Line of **Section 19** Elevation **3181**
(Correct their relative to sea level)

The information given here with 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 **April 1, 1957** Title **District Superintendent**

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

Commenced drilling **February 17, 1957** Finished drilling **March 31, 1957**

OIL OR GAS SANDS OR ZONES

(Describe by G)

No. 1, from **6618** to **6895** 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. 2, from _____ to _____
 No. 3, 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
8-5/8"	24.32	8R	J & L	3234				Surface
5-1/2"	17.15	8R	Natl	6900		6666	6724	Production
2-3/8"	4.7	8R	Natl	6699				Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	3234	1000	Halliburton		
5-1/2"	6900	550	"		
2-3/8"	6699	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

Put to producing **April 1, 1957**

The production for the first 24 hours was **156** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, °Bé. **38.6**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

M.J. Burrow, Jr. Driller **E.J. Locke** Driller
G.M. Brice Driller **J.J. Chambers** Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	597	597	Sand & Red Bed
597	760	163	Red Beds
760	1365	605	Red Beds & Anhydrite
1365	2604	2139	Anhydrite & Salt
2604	3164	560	Anhydrite & Gypsum
3164	6900	3736	Lime
	6895 PBD		Lime

3/23/57 - DST #1: 6686' - 6756' (Drinkard) 5/8" BC, 1" TC Tool open 2 hrs.
 Good blow increasing to strong blow thru-out test. Gas surface in 39 minutes. No fluid to surface. Recovered 50' gas cut mud, 1360' mud cut oil 30% mud - 30' free oil, 10' salty water. IFP 140#, FFP 440#, 30 min. SIBHP 2520#.

GEOLOGICAL TOPS

Rustler	-	1263'	(1918)
Iates	-	2773'	(408)
Queen	-	3625'	(444)
San Andres	-	4148'	(967)
Gloriette	-	5305'	(2124)
Clear Fork	-	5756'	(2575)
Tubbs	-	6226'	(3045)
Drinkard	-	6618'	(3437)
Fullerton	-	6370'	(3189)
Abo	-	6815'	(3634)

