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FOR CONSERVATION  
HOBBS OFFICE

**WELL RECORD**

**Ross Sears**      **Artesia, New Mexico**  
 Company or Operator      Address  
**Wants**      Well No. **1**      in **SW $\frac{1}{4}$**       of Sec. **21**      T. **21**  
 Lease  
 R. **37**      N. M. P. M.      **Drinkard**      Field,      **Lea, New Mexico**      County.  
 Well is **2030** feet south of the North line and **630** feet west of the East line of **SW $\frac{1}{4}$  Sec. 21**  
 If State land the oil and gas lease is No.      Assignment No.        
 If patented land the owner is **Mary E. Wants**      Address.        
 If Government land the permittee is      Address.        
 The Lessee is **Ross Sears**      Address **Artesia, New Mexico**  
 Drilling commenced **November 28** 19 **51**      Drilling was completed **January 5** 19 **51**  
 Name of drilling contractor **E. F. Moran, Inc.**      Address **Hobbs, New Mexico**  
 Elevation above sea level at top of casing **3468** feet.  
 The information given is to be kept confidential until **Not confidential** 19 **51**

No. 1, from <u>6367</u> to <u>6657</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

**Include data on rate of water inflow and elevation to which water rose in hole.**

No. 1, from.....	to.....	feet.
No. 2, from.....	to.....	feet.
No. 3, from.....	to.....	feet.
No. 4, from.....	to.....	feet.

[illegible]

\*  $5\frac{1}{2}$ " liner from 2636 to 6512'

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17- $\frac{1}{2}$	13-3/8	163'	246'	Pump & Plug		
11	8-5/8	2735'	1200	" "		
6-3/4	5- $\frac{1}{2}$	6512'	450	" "		

Heaving plug—Material..... Length..... Depth Set.....

Adapters — Material..... Size.....

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		15% Acid	500 Gal.	1-8-52	6622- <del>6657</del> '	
		15% Acid	500 Gal.	1-9-52	6512-6618'	

Results of shooting or chemical treatment After Acid, zone 6622-6657' flowed 111 bbl. oil in 17 hrs. thru 1 1/4" choke, GOR 495/1. Zone 6512-6618' flowed 149 bbl. oil in 17 1/2 hrs. thru 20/64" choke, GOR 344/1.

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

Rotary tools were used from 0 feet to 6657 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Put to producing.....January 5....., 1952

The production of the first 24 hours was.....149.....barrels of fluid of which.....99.8.....% was oil; ..0.0.....% emulsion; ..0.0.....% water; and.....0.2.....% sediment. Gravity, Be.....39 Degree API

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

Rock pressure, lbs. per sq. in.....Gas-Oil Ratio 344/1

J. D. Mitchell	Driller	C. P. Stewart	Driller
C. B. Riggs	Driller	R. E. Griffin	Driller

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 10th day of January, 1952

Notary Public

Hobbs, New Mexico Place January 10, 1952 Date

Name J. W. Dyer

Position Agent

Representing Ross Sears

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	6400		No samples taken
6400	6657	257	Clear Fork (Drinkard) Dolomite with streaks of limestone, both with shows of oil and gas.
DRILL STEM TESTS			
DST No. 1 - 6400-6510' - 5/8" bottom choke, 1" top choke Tool open 95 minutes, gas to surface in 7 minutes, no fluid. Flowed gas at stable rate 157 MCF per day. Recovered 300' (2.2 bbl.) gas cut mud. FBHP 45 to 80 psi, 15 minute SIMHP 2370 psi.			