

**H.**

A large grid of graph paper, consisting of 10 columns and 10 rows of squares, intended for drawing a picture.

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SANTA FE		1	
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TRANSPORTER	OIL GAS		
PRORATION OFFICE			
OPERATOR			

Bar. of mines)

**AREA 640 ACRES  
LOCATE WELL. CORRECTLY.**

(Company or Operator)

(Leave)

4 Elevation above sea level at ~~Subsiding Area~~ Ground Level 5189.8'..... The information given is to be kept confidential until  
....., 19.....

## RECEIVED

NOV 18 1964

.....O.O.O.....  
ARTESIA, OFFICE

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

No. 4, from.....to.....feet. ....

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
20"	53.88	New	30'				
13 3/8"	148	New	119'				
8 5/8"	32	New	1190'				

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
24"	20	30'	1			
17 1/2"	13 3/8	119'	150	Circ to Surface		
12 1/4"	8 5/8	1190'	1400	Circ to Surface		

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

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**Result of Production Stimulation.....**

**..Depth Cleaned Out.....**

# RECORD OF DRILL-STEM AND SPECIAL TESTS

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

## TOOLS USED

Rotary tools were used from 0 feet to 5913' feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing Dry hole, 19.

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was  
was oil; % was emulsion; % water; and % was sediment. A.P.I.  
Gravity.

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in.

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

### Southeastern New Mexico

T. Anhy.  
T. Salt.  
B. Salt.  
T. Yates.  
T. 7 Rivers.  
T. Queen.  
T. Grayburg.  
T. San Andres. at surface  
T. Glorieta. 830  
T. Drinkard.  
T. Tubbs. 2146'  
T. Abo. 2778'  
T. Penn. 4235  
T. Miss. 4759

T. Devonian.  
T. Silurian. 5038  
T. Montoya. 5146  
T. Simpson.  
T. McKee.  
T. Ellenburger. 5378  
T. Gr. Wash.  
T. Granite. 5888  
T.  
T.  
T.  
T.  
T.

### Northwestern New Mexico

T. Ojo Alamo.  
T. Kirtland-Fruitland.  
T. Farmington.  
T. Pictured Cliffs.  
T. Menefee.  
T. Point Lookout.  
T. Mancos.  
T. Dakota.  
T. Morrison.  
T. Penn.  
T.  
T.  
T.  
T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
-0-	119'	119'	Surface Rock	4819	4870		Dolo - Shale
119	344	225'	Lime & Chert	4870	4935		Dolo - Lime
344	462		Dolomite	4935	4960		Shale & Dolo
462	1230		Lime & Dolomite	4960	5045		Shale & Sand
1230	1628		Shale Anhydrite	5045	5094		Chert
1628	1687		Dolomite	5094	5293		Chert & Shale
1687	1816		Lime	5293	5383		Chert & Shale & Sand
1816	1914		Lime-Dolomite	5383	5488		Dolo & Chert
1914'	2248		Lime	5488	5554		Chert
2248	2330		Lime-Dolomite	5554	5726		Dolo & Chert
2330	3007		Sand & Shale	5726	5762		Dolo & Lime
3007	3029		Shale	5762	5829		Lime & sand
3029	3085		-Shale & Lime	5829	5850		Dolomite & Lime
3085	3135		Shale, Lime & Chert	5850	5907		Lime & sand
3135	3659		Shale, Lime & Sand	5907	5913		Granite
3659	3937		Shale				TD - Drillers Depth
3937	4010		Lime				
4010	4160		Shale				
4160	4398		Shale & Sand				
4398	4465		Dolomite				
4465	4592		Dolomite & Gyp.				
4592-4	4646		Dolo				
4646	4707		Dolo - Sand				
4707	4770		Chert - Lime				
4770	4819		Dolo				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

Company or Operator Sunray DX Oil Company

Address Box 128, Hobbs, New Mexico

11-17-64  
(Date)