AREA 640 ACRES  
LOCATE WELL CORRECTLY

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

Ralph A. Johnson

(Company or Operator)

Lincoln Unit

(Lease)

Well No. **21**, in **NW** 1/4 of **SW** 1/4, of Sec. **16**, T. **27N**, R. **6W**, NMPM.Wildcat Pool, **Rio Arriba** County.Well is **1190'** feet from **West** line and **1690'** feet from **South** lineof Section **16**. If State Land the Oil and Gas Lease No. is **2-270-1**Drilling Commenced **10-19**, 19**53** Drilling was Completed **12-23-**, 19**53**Name of Drilling Contractor **Nichols Drilling Company and Well Incorporated**Address **Farmington, New Mexico**Elevation above sea level at Top of Tubing Head **6648** The information given is to be kept confidential until**Now Released**, 19**53**

## OIL SANDS OR ZONES

No. 1, from **1263** to **1390** No. 4, fromNo. 2, from **1990** to **5666** No. 5, from

No. 3, from to No. 6, from

## IMPORTANT WATER SANDS

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

No. 1, from **Unknown** to

No. 2, from to

No. 3, from to

No. 4, from to

## CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
<b>10 3/4"</b>	<b>32.75</b>	<b>New</b>	<b>100</b>	<b>Outside</b>			<b>Surface</b>
<b>7"</b>	<b>21</b>	<b>New</b>	<b>4000</b>	<b>Outside</b>			<b>Production</b>

## MUDDING AND CEMENTING RECORD

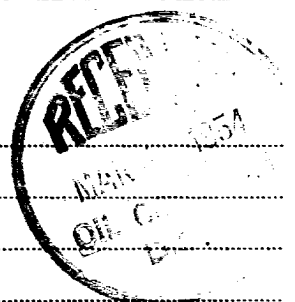
SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>10 3/4"</b>	<b>10 3/4"</b>	<b>100</b>	<b>100</b>	<b>Ballston Pumping</b>		
<b>8 1/2"</b>	<b>7"</b>	<b>100</b>	<b>100</b>	<b>Ballston Pumping</b>		

## RECORD OF PRODUCTION AND STIMULATION

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

**Shooting 4936 feet to 5666 feet - 2315 quarts**Result of Production Stimulation **280 MCF to 3,970 MCF**Depth Cleaned Out **5831 feet**

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Copies Received <b>6</b>		
DISTRIBUTION		
	NO.	
	FURNISHED	
Operator	<b>1</b>	
Santa Fe	<b>1</b>	
Production Office		
State Land Office	<b>1</b>	
U. S. G. S.	<b>2</b>	
Transporter		
File	<b>1</b>	



### 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.....feet to.....feet, and from.....feet to.....feet.  
Cable tools were used from.....feet to.....feet, and from.....feet to.....feet.

## PRODUCTION

Put to Producing **Shut in for pipeline**, 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 3,970 M.C.F. plus \_\_\_\_\_ barrels of liquid Hydrocarbon. Shut in Pressure 2004 lbs.

Length of Time Shut in 5 days

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

### **Southeastern New Mexico**

### Northwestern New Mexico

T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	T. Granite.....	T. Dakota.....
T. Glorieta.....	T. ....	T. Morrison.....
T. Drinkard.....	T. ....	T. Penn.....
T. Tubbs.....	T. ....	T. ....
T. Abo.....	T. ....	T. ....
T. Penn.....	T. ....	T. ....
T. Miss.....	T. ....	T. ....

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	3263	3263	Sands + clays, shales Alamo, Birdland, Fruitland, Farmington				
3263	3350	87	Sand - Pictured Cliff				
4950	5606	736	Mesa Verde				

The well was drilled with 13 3/4" rotary bit to 173 feet. Ran 10 3/4", 32-730 surface casing to 143 feet and cement circulated out with 100 sacks of regular cement. Drilled cement down to shoe, pressured up casing to 300#, and held with no loss for 30 minutes. In 8 1/4" rotary hole was drilled below surface shoe to a total depth of 4906 feet. Ran Schlumberger IS to total depth. Ran 7", 23# production casing to total depth and cemented same with 200 sacks regular cement. Cut off 7" casing and moved off rotary. Moved on gas rotary and drilled flow and shoe. Pressured up production casing to 250# and held for 1 hour with no loss in pressure. From below the 7" shoe, a 64" hole was drilled to a total depth of 5686 feet. A Schlumberger SR and I log was run to total depth. The hole was loaded with 2515 quarts of SAG from 4958 to 5666 feet. ~~Mudmudmudmudmudmud~~ and shot open. Cleaned out to 5231 feet and ran 2" tubing to 5197 feet. Well shut in for test and to await a pipeline connection. Tested on 12-18-53 and left shut in.

**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.

March 2, 1954

.....  
(Date)

Company or Operator.....**Smith A. Johnson**.....

Address Box 813, Farmington, New Mexico

Name James W. Copeland

Position or Title..... **Superintendent** .....