

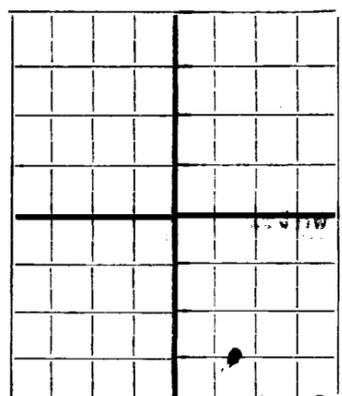
FEB 10 1947  
**REGULATIVE**  
**HOBBS OFFICE**

FORM O-105

N

**NEW MEXICO OIL CONSERVATION COMMISSION**

Santa Fe, New Mexico



**WELL RECORD**

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPPLICATE. FORM O-110 WILL NOT BE APPROVED UNTIL FORM O-105 IS PROPERLY FILLED OUT.

AREA 640 ACRES  
 LOCATE WELL CORRECTLY

**B.M.N.S. Company**  
 Company or Operator

**Artes, New Mexico**  
 Address

**Weyer**  
 Lease

Well No. **2** of Sec. **29**

R. **12W**, N. M. P. M. **San Juan** County.

Well is **660** feet south of the North line and **1700** feet west of the East line of **Section 29**

If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_

If patented land the owner is **R. L. Weyer**, Address **Artes, New Mexico**

If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_

The Lessee is **B.M.N.S. Company**, Address **Artes, New Mexico**

Drilling commenced **November 29** 19**46** Drilling was completed **January 11** 19**47**

Name of drilling contractor **L.G. Stearns**, Address **Artes, New Mexico**

Elevation above sea level at top of casing **5480** feet.

The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_

**OIL SANDS OR ZONES**

No. 1, from **1568** to **1588** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

**IMPORTANT WATER SANDS**

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

No. 1, from **125** to **180** feet. **Hole full**  
 No. 2, from **235** to **250** feet. **Sulphur water**  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet.

**CASING RECORD**

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<b>12 1/2</b>	<b>50</b>	<b>8</b>		<b>63'</b>	<b>Tennant</b>				
<b>10</b>	<b>40</b>	<b>8</b>		<b>552</b>	<b>Marie</b>				
<b>8 5/8</b>	<b>28</b>	<b>8</b>		<b>961</b>	<b>Compas</b>				
<b>7</b>	<b>20</b>	<b>8</b>		<b>1508</b>	<b>Tennant</b>				
<b>5 1/2</b>	<b>15</b>	<b>8</b>		<b>1558</b>	<b>Compas</b>				

**MUDDING AND CEMENTING RECORD**

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>7</b>	<b>5 1/2</b>	<b>1558</b>	<b>38</b>	<b>Halliburton</b>		

**PLUGS AND ADAPTERS**

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

**RECORD OF SHOOTING OR CHEMICAL TREATMENT**

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

Results of shooting or chemical treatment \_\_\_\_\_

**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 **0** feet to **1588** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**PRODUCTION**

Put to producing \_\_\_\_\_, 19\_\_\_\_  
 The production of the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, Be. \_\_\_\_\_  
 If gas well, cu. ft. per 24 hours **1,700,000** Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. **585**

**EMPLOYEES**

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
**James Sturdevant**, Driller \_\_\_\_\_, Driller  
**Dewey Sherwin**, Driller \_\_\_\_\_

**FORMATION RECORD ON OTHER SIDE**

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 **1st** day of **February** 19**47**  
**Mary K. Taylor**  
 Notary Public  
 My Commission expires **Oct 24, 1947**  
 Place **Artes** Date \_\_\_\_\_  
 Name **L.G. Stearns**  
 Position **Drilling contractor**  
 Representing **B.M.N.S. Company**  
 Address **Artes, New Mexico**

LOG RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	48		Water sand
48	62		Reddish
62	64		Blue sandy shale
64	120		Shale
120	125		Blue shale
125	129		Water sand Hole full water
129	127		Blue shale
127	129		Blue shale
129	202		Blue shale
202	200		Blue shale
200	228		Blue shale
228	235		Blue shale
235	240		Blue shale
240	255		Shale
255	259		Blue shale
259	272		Shale
272	277		Shale
277	282		Sandy shale
282	284		Shale
284	295		Blue shale
295	310		Sandy shale
310	343		Blue shale
343	367		Grey shale
367	382		Brown shale
382	385		Grey shale
385	455		Sandy grey shale
455	472		Shale
472	485		Grey shale
485	520		Sandy grey shale
520	538		Shale
538	541		Grey shale
541	552		Sandy grey shale
552	565		Blue shale
565	605		Grey shale
605	617		Blue shale
617	670		Sandy shale
670	684		Grey shale
684	706		Water sand, 4 bailers hour
706	716		Blue shale
716	780		Sandy shale
780	820		Coarse grey sand
820	865		Sandy shale
865	870		Water sand
870	922		Grey shale
922	950		Blue shale
950	961		Sandy shale
961	1000		Blue shale
1000	1010		Grey shale
1010	1110		Blue & grey shale
1110	1167		Grey shale
1167	1247		Shale
1247	1250		Shale
1250	1255		Sandy shale
1255	1310		Grey sand
1310	1320		Water sand
1320	1325		Blue shale
1325	1350		Brown shale
1350	1405		Sandy shale
1405	1415		Shale
1415	1420		Grey shale
1420	1440		Shale & coal streaks
1440	1451		Grey shale
1451	1461		Brown shale
1461	1500		Shale, shells
1500	1510		Shale
1510	1515		Coal
1515	1544		Sandy shale, shell
1544	1555		Shale, sand
1555	1565		" " 12" 521,000
1565	1571		" " 25" 786,000
1571	1576		" " 35" 2,000,000
1576	1588		" " 31" 1,800,000
1588	1588		" " 31" 1,800,000

Southern Union test after 3 day open flow 1,700,000