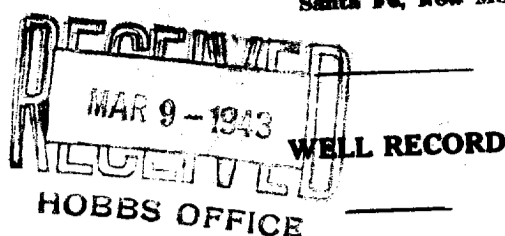
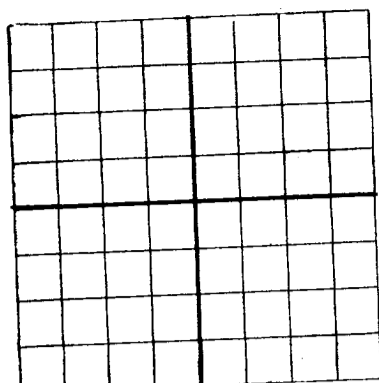


## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



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 TRIPLICATE.

W. S. Broderick & D. G. Gordon & A. J. Hardendorf Artesia, New Mexico

State \_\_\_\_\_ Company or Operator **1 NESE** Address **178**  
 Well No. \_\_\_\_\_ in \_\_\_\_\_ of Sec. \_\_\_\_\_ T. \_\_\_\_\_  
 R. **29 E** Lease **Leonard** **660** Field, **Eddy** County.  
 N. M. P. M., **3300** Section **8**  
 Well is \_\_\_\_\_ feet south of the North line and \_\_\_\_\_ feet west of the East line of \_\_\_\_\_  
 If State land the oil and gas lease is No. **B-4457** Assignment No. \_\_\_\_\_  
 If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
 If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_  
 The Lessee is \_\_\_\_\_ Address \_\_\_\_\_  
 Drilling commenced **Dec 15** **42** Drilling was completed **Mar 4** **43**  
 Name of drilling contractor **G. L. East** Address **Artesia, New Mexico**  
 Elevation above sea level at top of casing **3598** feet **not confidential**  
 The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_

**slight odor oil**  
**1640** **1675** OIL SANDS OR ZONES  
 No. 1, from **show s.s. 2300** to **2310** 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.  
**slight seepage water** **xx** from **2130** feet. **2200**  
 No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<b>8"</b>	<b>17</b>	<b>11 1/2</b>		<b>363</b>	<b>reg</b>				<b>SUR</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

## 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 **2500** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing **d&A** \_\_\_\_\_ 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 \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

**Walter Grey**

EMPLOYEES **Jim Hammond**

**M. Keith**

Driller

Driller

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 \_\_\_\_\_  
**March** \_\_\_\_\_  
 day of \_\_\_\_\_ 19 \_\_\_\_\_  
**Notary Public**  
**6-6-45**  
 expires \_\_\_\_\_

**Artesia, NM** **Mar 8, 1943**  
 Place Date  
 Name **A. J. Hardendorf**  
 Position **partner**  
 Representing \_\_\_\_\_  
 Company or Operator  
 Address \_\_\_\_\_

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	45	45	caliche
45	60	15	red bed
60	90	30	anhydrite
90	150	60	broken re and grey shales
150	245	95	red bed and Top salt 245
245	365	120	salt
365	370	5	brown shale
370	697	327	salt
697	860	163	anhydrite
860	890	30	brown shale and red bed
890	1045	155	anhydrite and shale
1045	1420	375	anhydrite
1420	1425	5	brown shale
1425	1675	250	anhydrite odor of oil 1640-75
1675	1695	20	RED SAND
<del>1695</del>			
1695	1920	225	anhydrite SIM 1920 equals 1955
1955	1975	20	anhydrite
1975	2025	50	broken anhydrite and shale
2025	2080	55	anhydrite
2080	2225	35	anhydrite and brown shale
2125	2333	208	Lime -- slight seepage water between 2140-2200, slight show gas 2255, increase gas 2300-2310.
2333	2348	15	shale
2348	2392	44	gray lime
2392	2401	9	sand and red sandy shale
2401	2415	14	brown lime
2415	2500	85	white lime TD

End