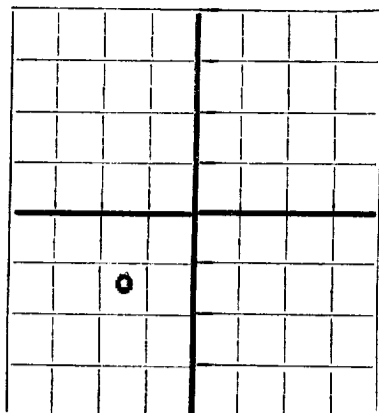


DUPLICATE  
FORM C-105

N



AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

RECEIVED  
AUG 26 1946  
HOBB'S OFFICE

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 TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Company or Operator **N. G. Penrose, Inc.** Address **Ft. Worth, Texas**  
Lease **Hinton** Well No. **1A** in **NE 1/4 SW 1/4** of Sec. **12**, T. **22S**  
R. **Hinton**, N. M. P. M., Field, **Lea** County.  
Well is **372** feet south of the North line and **3630** feet west of the East line of **Section 12**  
If State land the oil and gas lease is No. **2970** Assignment No. **3630**  
If patented land the owner is **Hinton, et al**, Address **Hobbs, N.M.**  
If Government land the permittee is **Hinton, et al**, Address **Hobbs, N.M.**  
The Lessee is **Hinton, et al**, Address **Hobbs, N.M.**  
Drilling commenced **June 27, 1946** 19 **46** Drilling was completed **August 1, 1946**  
Name of drilling contractor **Makin Drilling Company**, Address **Hobbs, N.M.**  
Elevation above sea level at top of hole **5189**  
The information given is to be kept confidential **Yes** 19 **46**

OIL SANDS OR ZONES

No. 1, from **5120** to **5130** No. 4, from **5165** to **5189**  
No. 2, from **5120** to **5130** No. 5, from **5165** to **5189**  
No. 3, from **5120** to **5130** No. 6, from **5165** to **5189**

IMPORTANT WATER SANDS

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

No. 1, from **5120** to **5130** feet.  
No. 2, from **5120** to **5130** feet.  
No. 3, from **5120** to **5130** feet.  
No. 4, from **5120** to **5130** feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<b>8-5/8</b>	<b>32#</b>	<b>8</b>		<b>1186</b>	<b>float</b>				
<b>5 1/2</b>	<b>15#</b>	<b>8</b>		<b>5177</b>	<b>float</b>				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>11"</b>	<b>8-5/8</b>	<b>1200'</b>	<b>600</b>	<b>Plug</b>	<b>9.2</b>	
<b>7-7/8</b>	<b>5-1/2</b>	<b>5189'</b>	<b>600</b>	<b>Plug</b>	<b>9.2</b>	

PLUGS AND ADAPTERS

Heaving plug—Material **11"** Length **1200'** Depth Set **1200'**  
Adapters—Material **8-5/8** Size **5-1/2**

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		<b>Mud acid</b>	<b>500 gal</b>	<b>8/6/46</b>	<b>5165-83</b>	
		<b>20% acid</b>	<b>2000 gal</b>	<b>8/6/46</b>	<b>5165-83</b>	

Results of shooting or chemical treatment

**Swabbed well dry through perforations in casing from 5165' to 5183'. Treated with 500 gal. mud acid and well flowed estimated 4 bbl. oil/hr. Retreated with 2000 gal. 20% acid and well flowed 191 bbl. oil first 11 hours.**

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 **5189** feet, and from **5189** feet to **5189** feet  
Cable tools were used from **0** feet to **5189** feet, and from **5189** feet to **5189** feet

PRODUCTION

Put to producing **Aug. 7** 19 **46**  
The production of the first **24** hours was **46** barrels of fluid of which **100** % was oil; **100** % emulsion; **191** % water and **191** % bbl./24 hr. gravity, Be.  
If gas well, cu. ft. per 24 hours **100** Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in. **100**

EMPLOYEES

**Wayne Ballew**, Driller **Roy Fairchild**, Driller  
**F. L. Addicks**, Driller **Fred Dawson**, 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 **26** day of **August**, 19 **46**

**W. J. Langham**  
Notary Public

My Commission expires **10/24/49**

**Hobbs, New Mexico Aug. 13, 1946**  
Name **Charles P. Miller**  
Position **Agent**  
Representing **N. G. Penrose, Inc.**  
Address **Ft. Worth, Texas**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	119	119	Surface sands and red rock
119	935	816	Red beds and shells
935	1030	95	Red beds, sand, shells
1030	1147	117	Red beds, shale, shells
1147	1230	83	Anhydrite
1230	1345	115	Salt and potash
1345	2160	815	Salt, anhydrite, shells
2160	2364	204	Anhydrite and salt
2364	2464	100	Anhydrite and lime
2464	2888	424	Anhydrite
2888	2949	61	Anhydrite and lime
2949	3054	105	Anhydrite
3054	3104	50	Anhydrite and lime
3104	3145	41	Anhydrite
3145	3199	54	Anhydrite and lime shells
3199	3546	347	Lime and anhydrite
3546	3572	26	Lime
3572	3595	23	Lime and anhydrite
3595	4333	738	Lime
4333	4358	25	Lime and anhydrite
4358	4900	542	Lime
4900	4906	6	Lime and chert
4906	5189	283	Lime

Total Depth 5189' B.L.M.