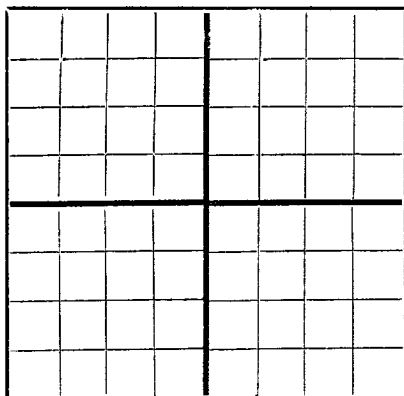
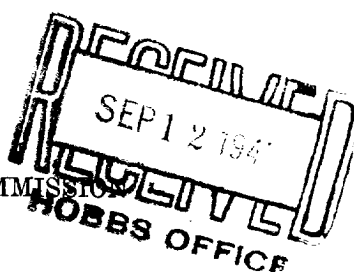


N

AREA 640 ACRES  
LOCATE WELL CORRECTLYNEW 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 TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

..... R. G. Clay ..... Hobbs, New Mexico  
Company or Operator Address  
..... Cowden 0-1 ..... Well No. 1 in NW 1/4 of Sec. 31, T. 23S  
Lease  
R. 37 E, N. M. P. M., Langlie Mattix Field, Lea County.  
Well is 660 feet south of the North line and 660 feet east of the East line of Sec. 31.  
If State land the oil and gas lease is No. .... Assignment No. ....  
If patented land the owner is W. H. Combest (Surface Only), Address Jal., New Mexico.  
If Government land the permittee is ....., Address .....,  
The Lessee is ....., Address .....,  
Drilling commenced August 13, 19 49. Drilling was completed September 9, 19 49.  
Name of drilling contractor Clay & Cackle Contracting Co., Address Hobbs, New Mexico.  
Elevation above sea level at top of casing ..... feet.  
The information given is to be kept confidential until ..... 19 .....

## OIL SANDS OR ZONES

No. 1, from 3515 to 3650 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 ..... 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	
<u>10 3/4</u>	<u>32.75</u>	<u>8</u>	<u>Natl.</u>	<u>286'</u>	<u>Guide</u>				
<u>7 5/8</u>	<u>26.40</u>	<u>8</u>	<u>"</u>	<u>1185</u>	<u>Guide</u>				
<u>5 1/2</u>	<u>14</u>	<u>8</u>	<u>"</u>	<u>3485</u>	<u>Float Collar &amp; Guide Shoe</u>				
<u>2 "</u>	<u>4.7</u>	<u>8</u>	<u>"</u>	<u>3640</u>					

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS 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
<u>4 "</u>	<u>Lime Bomb</u>	<u>Explosive</u>	<u>225 qts.</u>	<u>9/4</u>	<u>3515- 3640</u>	<u>3650</u>

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 0 feet to 3550 feet, and from ..... feet to ..... feet  
Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

## PRODUCTION

Put to producing September 7, 19 49.  
The production of the first 24 hours was 240 barrels of fluid of which 100 % was oil; ..... %  
emulsion; ..... % water; and ..... % sediment. Gravity, Be. 34.  
If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....  
Rock pressure, lbs. per sq. in. ....

## EMPLOYEES

....., Driller ..... 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 9 ..... Hobbs, New Mexico 9/9/49  
day of September, 19 49 Name R. G. Clay Date  
E. G. Roeder Position Partner  
Notary Public Representing R. G. Clay  
Company or Operator  
My Commission expires 4-2-1953 Address Hobbs, New Mexico

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20	20	Surface & Caliche
20	220	200	Sand & Gravel
200	1175	975	Red Bed
975	1265	90	Anhydrite
1265	2750	1495	Salt
2750	2900	150	Brown Lime
2900	3100	200	Anhydrite & Lime
3100	3250	250	Yates Sand
3250	3515	265	Lime
3515	3650	135	Quaternary Sand
			Set 10 3/4" casing at 236' and cemented with 200 sacks circulated cement.
			Set 7 5/8" casing at 1185 and cemented with 500 sacks.
			Set 5 1/2" casing at 3485' and cemented with 600 sacks. Halliburton Temperature Survey was run showing top of cement to be at 1100'.
			Quaternary Sand was tested flowing 70 Bbls. of oil in 24 hrs., well was shot with 225 qts from 3515' to 3640' and cleaned out. Well flowed 240 Bbls. of oil in 24 hrs.