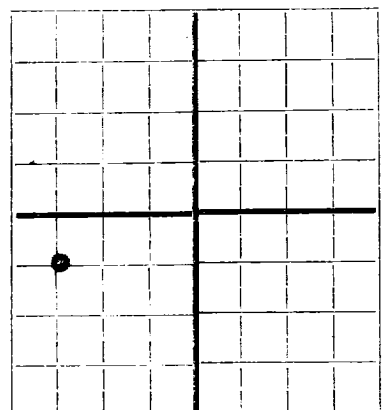


TRIPPLICATE
FORM C-105

RECEIVED
FEB 21 1947
HOBBS OFFICE

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

AREA 640 ACRES
LOCATE WELL CORRECTLY

N. G. Penrose, Inc. Ft. Worth, Texas
Company or Operator Address
O. J. Boyd Well No. 1 in SW of Sec. 23, T. 22S
Lease
R. 37E, N. M. P. M., Drinkard Field, Lee County.
Well is 3300 feet south of the North line and 4620 feet west of the East line of Sec. 23
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is O. J. Boyd, Address Sunice, N.M.
If Government land the permittee is _____, Address _____
The Lessee is _____, Address _____
Drilling ~~commenced~~ Deepening Sept. 2 1946 Drilling was completed November 10 1946
Name of drilling contractor Makin Drilling Co., Address Hobbs, N.M.
Elevation above sea level at ~~surface~~ 3339 D.F. feet.
The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from 6370' to 6380' No. 4, from _____ to _____
No. 2, from 6400' to 6432' 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>40#</u>	<u>8)</u>							
<u>8-5/8</u>	<u>28#</u>	<u>8)</u>	<u>This casing run before well was taken over by</u>						
<u>7</u>	<u>24#</u>	<u>8)</u>	<u>H.G. Penrose, Inc. and deepened.</u>						
<u>5-1/2</u>	<u>13#</u>	<u>8</u>			<u>Float</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
<u>6-1/4</u>	<u>5"</u>	<u>6438'</u>	<u>200</u>	<u>Plug</u>	<u>9.2</u>	

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>Treated with total of 13,000 gal. acid through perforations 6402'-6422'</u>			
			<u>Treated with total of 5000 gal. through perforations 6370'-6390'</u>			

Results of shooting or chemical treatment After well had flowed its head on February 16, 1947 it was swabbed continuously for 24 hours and made 95 barrels oil during this period.

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 3694' feet to 6439 feet, and from _____ feet to _____ feet
Cable tools were used from 0' feet to 3694' feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing March 1 1947
The production of the first 24 hours was 95 barrels of fluid of which 100 % 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. _____

EMPLOYEES

J. A. Spurgeon, Driller Fred Dawson, Driller
Roy Fairchild, 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 20th Feb day of February, 1947
W. M. Laughlin Notary Public
My Commission expires Oct. 24, 1949
Name Hubert P. Miller Date 2/20/47
Position Agent
Representing N. G. Penrose, Inc.
Address Ft. Worth, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
			NOTE: The description given herewith covers only that portion of the hole drilled by N. G. Penrose, Inc.
3694'	3950	256	Lime
3950	4000	50	Lime. Good odor
4000	4676	676	Lime
4676	4709	33	Sandy lime
4709	5009	300	Lime
5009	5044	35	Lime. Odor
5044	5074	30	Lime
5074	5085	11	Lime. Odor
5085	6439	1354	Lime.

DRILL STEM TESTS

5047'-5085' Tool open 65 minutes. 10 minute Build Up. Recovered 60 feet of slightly oil cut drilling mud. No bottom hole flowing, or build up pressure.

5084'-5132' Tool open 125 minutes with 12 minute Build Up. Gas, in very small volume, to surface in 25 minutes. Recovered 450' of oil and gas cut drilling mud with 450' of sulphur water.

6270'-6353'. Tool open 90 minutes. 12 minute Build Up. Steady blow air throughout period of test. Recovered 240' of drilling mud with last stand showing slightly oil cut mud. No bottom hole pressure.

6370'-6439' Tool open 120 minutes with 15 minute Build Up. Steady blow air throughout period of test. Recovered 240' of drilling mud.

6394'-6439' Tool open 180 minutes with 15 minute Build Up. Gas to surface 60 minutes-very small volume- Recovered 540' of heavily oil cut drilling mud. No water. Bottom hole flowing and build up pressures failed to record.