

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Grid for well location. A 10x10 grid with a vertical line through the center. The top row is labeled 'N.' and the bottom row is labeled 'S.'. The grid is divided into four quadrants by the vertical line.

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Neville G. Penrose, Inc. St. North, Texas
Company or Operator Address
Humble State Well No. 1 in of Sec. 12 T. 13S
Lease
R. 342 N. M. P. M. Vacuum Field, 122 County.
Well is 330 feet south of the North line and 1380 feet west of the East line of Sec. 12
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is Address
If Government land the permittee is Address
The Lessee is Address
Drilling commenced May 26 1944 Drilling was completed August 4 1944
Name of drilling contractor Bill Byron Address Hobbs, New Mexico
Elevation above sea level at top of casing 3989 feet.
The information given is to be kept confidential until Not confidential 19

OIL SANDS OR ZONES

No. 1, from 4402 to 4412 Show No. 4, from to
No. 2, from 4423 to 4435 No. 5, from to
No. 3, from 4472 to 4473 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 all water sands drilled with rotary. Amounts not known
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 FROM TO	PURPOSE
3-5/8	304	8	ss	1594'	Tex. Pat			
5-1/2	144	8	ss	4212	Tex. Pat			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	3-5/8	1594'	100	Plug		
8"						
8"	5-1/2	4412	100	Plug		

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
			3000 gal	8-7-44	Below 4466'	
			1000 "	8-11-44	Above 4460'	
			3000 "	8-14-44	" "	

Results of shooting or chemical treatment Increased potential from 15 barrels oil per day to 55 barrels oil per day, with sufficient increase in gas to flow well.

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 1600 feet, and from feet to feet
Cable tools were used from 1600 feet to 4636 feet, and from feet to feet

PRODUCTION

Put to producing August 19 1944
The production of the first 12 hours was 36 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. 16.6 Press. S.I. 4254

EMPLOYEES

W. W. Ray , Driller Ray Grayson , Driller
J. C. Reed , 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 25 Place Date
Name Larry

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
	1730		Rock
	1730		Red rock
	1731		Anhydrite
	1732		Anhydrite line
	1733		Brown line
	1734		Anhydrite
	1735		Anhydrite
	1736		Anhydrite
	1737		Red shale
	1738		Anhydrite
	1739		Red rock
	1740		Anhydrite
	1741		Red shale
	1742		Anhydrite
	1743		Salt & shale
	1744		Salt & potash
	1745		Anhydrite
	1746		Salt & potash
	1747		Anhydrite
	1748		Salt & potash
	1749		Anhydrite
	1750		Salt & potash
	1751		Anhydrite
	1752		Salt & potash
	1753		Anhydrite
	1754		Salt & potash
	1755		Anhydrite
	1756		Salt
	1757		Salt
	1758		Salt & potash
	1759		Salt
	1760		Anhydrite
	1761		Anhydrite
	1762		Anhydrite
	1763		Line
	1764		Anhydrite
	1765		Line
	1766		Anhydrite
	1767		Red shale
	1768		Anhydrite
	1769		Anhydrite
	1770		Anhydrite
	1771		Line
	1772		Anhydrite
	1773		Red shale
	1774		Anhydrite
	1775		Anhydrite
	1776		Anhydrite
	1777		Anhydrite
	1778		Anhydrite
	1779		Anhydrite
	1780		Anhydrite
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	1797		Anhydrite
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	1799		Anhydrite
	1800		Anhydrite
	1801		Anhydrite
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	1894		Anhydrite
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	1896		Anhydrite
	1897		Anhydrite
	1898		Anhydrite
	1899		Anhydrite
	1900		Anhydrite