

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

1960 JAN 27 AM 10:53

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Joseph I. O'Neill, Jr. 410 West Ohio Midland, Texas
(Address)LEASE Medlin, M.H. WELL NO. 4 UNIT I S 22 T 14 R 31

DATE WORK PERFORMED _____ POOL _____

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off☐ Beginning Drilling Operations☐ Remedial Work☐ Plugging☒ Other Temporarily abandoned

Detailed account of work done, nature and quantity of materials used and results obtained.

This well has not been plugged pending a study to use it as a possible water-injection well for water-flooding of Caprock-Queen Field.

THE FOLLOWING INFORMATION IS FOR THE
USE OF THE FIELD ENGINEER
AND IS NOT TO BE USED FOR
ANY OTHER PURPOSE.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl Date _____

Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____

Perf Interval (s) _____

Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:

BEFORE

AFTER

Date of Test

Oil Production, bbls. per day

Gas Production, Mcf per day

Water Production, bbls. per day

Gas-Oil Ratio, cu. ft. per bbl.

Gas Well Potential, Mcf per day

Witnessed by _____

(Company)

OIL CONSERVATION COMMISSION

Name [Signature]
Title [Signature]
Date [Signature]

I hereby certify that the information given above is true and complete to the best of my knowledge.

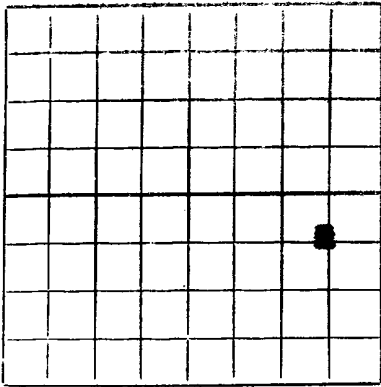
Name Roy L. Blount
Position Production Clerk
Company JOSEPH I. O'NEILL, JR.



LTR



Job separation sheet



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

HOBBS OFFICE OCC

Santa Fe, New Mexico

1959 JAN 28 PM 2:41

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Joseph I. O'Neill, Jr.
(Company or Operator)

M. H. Medlin
(Lease)

Well No. **4**, in **SE** $\frac{1}{4}$ of **SE** $\frac{1}{4}$ of Sec. **22**, T. **14S**, R. **31E**, NMPM.

Caprock-Queen

Pool, **Chaves**

County.

Well is **560** feet from **E** line and **1650** feet from **S** line

of Section **22**. If State Land the Oil and Gas Lease No. is

Drilling Commenced **7-10**, 19**58** Drilling was Completed **7-17**, 19**58**

Name of Drilling Contractor **Midland Drilling Co.**

Address **410 West Ohio, Midland, Texas**

Elevation above sea level at Top of Tubing Head **4397' GR**. The information given is to be kept confidential until
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OIL SANDS OR ZONES

No. 1, from **3095** to **3098** 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 **None** to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8	24	used	305	Texas Pattern			Surface
5 1/2	14	used	3106	Baker Float Shoe	3095-3098		Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/4	8 5/8	318.57	350	pump & plug		cement circulated
7 7/8	5 1/2	3001.6	134	pump & plug	4% jel cmt	hole full

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perforated 3095-98', treated w/5000 gals lease oil, plus 5000# sand. Swabbed dry, spotted 500 gals reg acid and flushed w/30 bbls oil. Swabbed dry. Installed pumping unit.

Result of Production Stimulation

Depth Cleaned Out

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 3102 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing..... 1-1, 1959

OIL WELL: The production during the first 24 hours was..... 43 barrels of liquid of which 3 bbls was oil;% was emulsion; 40 bbls water; and.....% was sediment. A.P.I. Gravity..... 35.2 at 60°F

GAS WELL: The production during the first 24 hours was..... M.C.F. plus..... barrels of liquid Hydrocarbon. Shut in Pressure..... lbs.

Length of Time Shut In.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

Southeastern New Mexico		
T. Anhy.....	1421	T. Devonian.....
T. Salt.....	1256	T. Bluffland.....
B. Salt.....	2143	T. Montoya.....
T. Yates.....	2300	T. Simpson.....
T. 7 Rivers.....		T. McKee.....
T. Queen.....	3090	T. Ellenburger.....
T. Grayburg.....		T. Gr. Wash.....
T. San Andres.....		T. Granite.....
T. Glorieta.....		T.
T. Drinkard.....		T.
T. Tubbs.....		T.
T. Abu.....		T.
T. Penn.....		T.
T. Miss.....		T.
		T. Ojo Alamo.....
		T. Kirtland-Fruitland.....
		T. Farmington.....
		T. Pictured Cliffs.....
		T. Menefee.....
		T. Point Lookout.....
		T. Mancos.....
		T. Dakota.....
		T. Morrison.....
		T. Penn.....
		T.
		T.
		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	321	321	Surface and redbed				
321	1256	935	Redbed				
1256	2145	889	Redbed and salt				
2145	2517	372	Anhy & gyp				
2517	3102	585	Queen Sand				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

1-27-59

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Company or Operator **Joseph I. O'Neill, Jr.**

Address **410 W. Ohio, Midland, Texas**

Name Kay-L. Blanta

Prod. Clerk