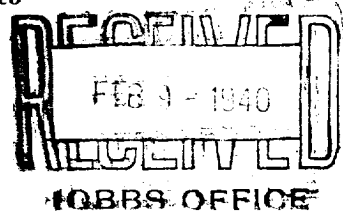


DUPLICATE

4586

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



Grid for well location with handwritten '3f' in the center.

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.

AREA 640 ACRES LOCATE WELL CORRECTLY

Peters, Elder & Willingham Midland, Texas
Company or Operator Address
T. O. May Well No. 4 in SE 1/4 NE 1/4 of Sec. 34 T. 22-S
Lease
R. 37-E N. M. P. M. Penrose Skelly Field, Lea County.
Well is 2310 feet south of the North line and 955 feet west of the East line of Sec. 34-22S-37E Lea County
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is T. O. May Address Cleo, Texas
If Government land the permittee is Address
The Lessee is Peters, Elder & Willingham Address Midland, Texas
Drilling commenced January 5, 19 40 Drilling was completed February 8, 19 40
Name of drilling contractor Company Tools, Address
Elevation above sea level at top of casing 3319 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3550' to 3643' 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 70' to 80' feet.
No. 2, from 130' to 147' feet.
No. 3, from 735' to 740' feet.
No. 4, from to feet.

CASING RECORD

Table with columns: SIZE, WEIGHT PER FOOT, THREADS PER INCH, MAKE, AMOUNT, KIND OF SHOE, CUT & FILLED FROM, PERFORATED FROM TO, PURPOSE. Includes entries for 15 1/2", 12 1/2", 10", 8 5/8", and 7" casings.

MUDDING AND CEMENTING RECORD

Table with columns: SIZE OF HOLE, SIZE OF CASING, WHERE SET, NO. SACKS OF CEMENT, METHOD USED, MUD GRAVITY, AMOUNT OF MUD USED. Includes entries for 15", 10", and 8" holes.

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set
Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

Table with columns: SIZE, SHELL USED, EXPLOSIVE OR CHEMICAL USED, QUANTITY, DATE, DEPTH SHOT OR TREATED, DEPTH CLEANED OUT. Includes entry for 3 1/2" shell, Nitro-Glycerin, 180, 2-8-40.

Results of shooting or chemical treatment Estimated 200 barrels

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 0 feet, and from feet to feet
Cable tools were used from 0 feet to 3643 feet, and from feet to feet

PRODUCTION

Put to producing February 8, 19 40
The production of the first 24 hours was 200 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. G. Matthews Driller L. E. Mix Driller
W. L. Barnes Driller W. L. Albaugh 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 8th day of February 19 40
Notary Public June 1, 1941
Midland, Texas Feb. 8, 1940
Name Ruby Thompson Secretary
Position
Representing Peters, Elder & Willingham Company or Operator
Address

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0		8	Cellar
8		20	Calechie
20		40	Sand and gravel
40		55	Red Rock
55		70	Sand
70		80	Quicksand
80		115	Red Rock
115		130	Sand
130		147	Water Sand
147		200	Sandy shale
200		235	Sand
235		260	Red Rock
260		295	Blue Mud
295		310	Red Rock
310		510	Red Rock
510		545	Shale
545		570	Blue Shale
570		620	Red Rock
620		640	Red Rock
640		655	Blue Shale
655		680	Red Rock
680		640	Red Rock
640		655	Blue Shale
655		720	Red Rock
720		735	Red Rock
735		740	Water Sand
740		800	Sandy Shale
800		870	Sandy Shale
870		895	Red Rock
895		945	Sandy Shale
945		1184	Red Rock
1154		1255	Anhydrite
1255		1305	Salt
1305		1355	Salt-Anhydrite-Red Rock
1355		1435	Red Rock-Anhydrite-Salt
1435		1495	Potash & Salt
1495		1550	Anhydrite
1550		1560	Salt
1560		1630	Salt & Anhydrite
1630		1665	Anhydrite
1665		1685	Salt & Potash
1685		1745	Anhydrite & Salt
1745		1825	Salt, Potash and Anhydrite
1825		1875	Salt & Potash
1875		1895	Anhydrite
1895		1910	Salt
1910		1945	Anhydrite
1945		1955	Salt
1955		2015	Salt & Potash
2015		2090	Salt & Potash
2090		2115	Anhydrite
2115		2185	Salt & Anhydrite
2185		2255	Salt & Potash
2255		2285	Salt
2285		2300	Anhydrite
2300		2370	Salt & Anhydrite
2370		2390	Salt
2390		2430	Salt & Potash
2430		2460	Salt & Potash
2475		2490	Anhydrite
2490		3315	Anhydrite
3315		3348	Anhydrite & Lime
3435		3475	Lime & Anhydrite
3475		3488	Anhydrite
3488		3507	Lime
3507		3535	Lime & Anhydrite
3530		3606	Sandy Lime
3606		3643	Lime

T.O. #4