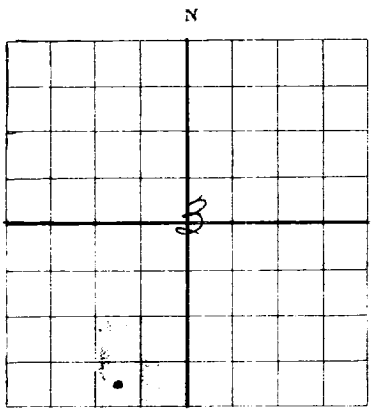
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

RECEIVED
DEC 22 1939
HOBBS OFFICE

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.

Peters & Elder — Midland, Texas
Company or Operator — Address

Brunson — Well No. 4 — in SE/4 SW/4 of Sec. 3, T. 22S
Lease

R. 37E, N. M. P. M., Penrose Field, Lea County.

Well is 4950 feet south of the North line and 3630 feet west of the East line of Sec. 3-22-37-Lea, Co.

If State land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is R. L. Brunson, Address Eunice, New Mexico

If Government land the permittee is _____, Address _____

The Lessee is Peters & Elder, Address Midland, Texas

Drilling commenced October 24, 19 39 Drilling was completed December 16, 19 39

Name of drilling contractor Lem Peters, Address Midland, Texas

Elevation above sea level at top of casing 3425 feet.

The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from 3650 to 3740 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 90 to 100 feet. _____

No. 2, from 210 to 235 feet. _____

No. 3, from 745 to 775 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	PERFORATED TO	PURPOSE
15½"	70 lbs.	8		150'	Tex. Pat.				Shutoff
12½"	60 lbs.	8		400'	"	"			"
10"	40½ lbs.	8		685'	"	"			"
8 5/8"	28 lbs.	8		1150'	"	"			"
7"	22 lbs.	8		3552'	"	"			"

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
18"	15½"	150'				
10"	8 5/8"	1150'	150			
8"	7"	3552'	150			

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
3½"	Tin	Nitro-glycerin	230qts.	12/18/39	3740	

Results of shooting or chemical treatment Well made 75 barrels on 24 hour gauge after shot.

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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 3740 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing December 18, 19 39

The production of the first 24 hours was 75 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

L. H. Forner, Driller J. W. Whaley, Driller

R. Thacker, 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 day of December, 19 39

Notary Public

My Commission expires 6/1/41

Midland, Texas (Place) December 20, 1939 (Date)

Name W. L. Warenskjold, Jr.

Position Secretary

Representing Peters & Elder
Company or Operator

Address Midland, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION Gibson No 4
0	95	95	Sand
95	100	5	Quick Sand
100	175	75	Red Rock
175	200	25	Blue Shale
200	235	35	Sand
235	255	20	Red Rock and Brown Shale
255	305	50	Red Rock
305	315	10	Blue Shale
315	370	55	Red Rock
370	380	10	Blue Mud
380	405	25	Red Rock
405	455	50	Red Shale
455	590	135	Red Rock
590	655	65	Red and White Shale
655	700	45	Red Rock
700	745	45	Sandy Blue Shale
745	775	30	Sand
775	790	15	Broken Blue Shale
790	815	25	Sandy Lime
815	970	155	Red Rock
970	1025	55	Sandy Shale
1025	1060	35	Red Shale
1060	1100	40	Red Rock
1100	1115	15	Sandy Shale
1115	1140	25	Red Rock
1140	1160	20	Anhydrite
1160	1167	7	Red Rock
1167	1175	8	Red Rock
1175	1235	60	Lime and Anhydrite
1235	1270	35	Salt
1270	1285	15	Anhydrite
1285	1315	30	Salt and Red Rock
1315	1325	10	Anhydrite
1325	1385	60	Anhydrite, Red Rock, and Salt
1385	1450	65	Red Rock, Salt, and Potash
1450	1505	55	Anhydrite
1505	1540	35	Anhydrite, Salt, and Potash
1540	1550	10	Red Rock
1550	1570	20	Salt and Potash
1570	1605	35	Anhydrite and Potash
1605	1620	15	Salt
1620	1640	20	Salt, Potash, and Anhydrite
1640	1660	20	Potash
1660	1675	15	Salt and Potash
1675	1690	15	Potash
1690	1695	5	Red and White Shale
1695	1700	5	Potash
1700	1760	60	Salt, Potash, and Red Rock
1760	1775	15	Salt and Red Rock
1775	1815	40	Potash and Anhydrite
1815	1840	25	Salt and Potash
1840	1855	15	Anhydrite
1855	2010	155	Salt and Potash
2010	2025	15	Anhydrite
2025	2045	20	Salt and Potash
2045	2090	45	Salt
2090	2110	20	Salt and Anhydrite
2110	2130	20	Potash and Anhydrite
2130	2155	25	Salt and Potash
2155	2225	70	~~Salt~~
2225	2245	20	Anhydrite
2245	2335	90	Salt
2335	2390	55	Salt and Potash
2390	2575	185	Lime and Anhydrite
2575	2610	35	Broken Anhydrite
2610	2800	190	Anhydrite
2800	2880	80	Anhydrite and Lime
2880	2900	20	Lime
2900	2925	25	Lime and Anhydrite
2925	2950	25	Lime
2950	3020	70	Lime and Anhydrite
3020	3035	15	Brown Lime
3035	3065	30	Lime and Anhydrite
3065	3085	20	Lime
3085	3115	30	Anhydrite
3115	3125	10	Lime and Anhydrite
3125	3140	15	Anhydrite
3140	3160	20	Lime and Anhydrite
3160	3245	85	Anhydrite
3245	3355	110	Lime and Anhydrite
3355	3365	10	Sandy Lime
3365	3380	15	Lime and Anhydrite
3380	3400	20	Lime
3400	3740	340	Lime