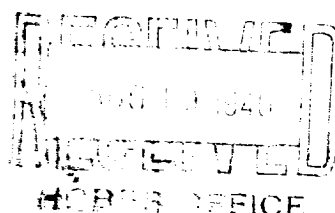


NEW MEXICO OIL CONSERVATION COMMISSION

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 TRIPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Mid-Continent Petroleum Corporation **Tulsa, Oklahoma**
Company or Operator Address
Eva Owen Well No. **2** in **N $\frac{1}{2}$ NW $\frac{1}{4}$** of Sec. **3** T. **22S**
Lease
R. **37E** N. M. P. M. **Penrose** Field, **Lea** County.
Well is **660** feet south of the North line and **660** feet west of the East line of **Section 3**
If State land the oil and gas lease is No. **no** Assignment No. **no**
If patented land the owner is **Eva Owen** Address **Eunice, New Mexico**
If Government land the permittee is **no** Address **no**
The Lessee is **Eva Owen** Address **Eunice, New Mexico**
Drilling commenced **5/21** 19 **40** Drilling was completed **7/15** 19 **40**
Name of drilling contractor **Stampfli & Martin** Address **Hobbs, New Mexico**
Elevation above sea level at top of casing **3425** feet.
The information given is to be kept confidential until **No** 19

OIL SANDS OR ZONES

No. 1, from **3610** to **3627** No. 4, from _____ to _____
No. 2, from **3698** to **3704** 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 **770** to **795** feet. **700 ft.**
No. 2, from **3933** to **3936** feet. **2000 ft.**
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
16" OD	70#	8	LW	118'3"	None			
7"	24#	8	SS	3558'2"	Shoe & Float			

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"	16"	113'3"	100	Halliburton	water	None
8"	7"	3558'2"	300	do	do	do

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length **No** Depth Set **No**
Adapters—Material **None** Size **No**

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Dowell X	1000 gals	7/6/40	3570-3746	3746
4$\frac{1}{2}$"	130'	Nitroglycerin	400 qts.	7/25/40	3610-3740	3740

Results of shooting or chemical treatment **No increase after acidizing.**
13 barrel oil increase after shooting

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 _____, 19____
The production of the first 24 hours was **17** barrels of fluid of which **90** % was oil; **NO** % emulsion; **10** % water; and _____ % sediment. Gravity, Be **31**
If gas well, cu. ft. per 24 hours **None** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **None**

EMPLOYEES

Ira Grant Driller **F.L. Smith** Driller
C.H. Parker 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 **18th** **Midland, Texas** **August 16, 1940**
day of **August** 19 **40** Name **Harvey Smith**
Position **District Foreman**
Representing **Mid-Continent Petroleum Corp.**
Company or Operator
My Commission expires **June 1st, 1941** Address **Midland, Texas Box 830**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	Cellar
10	20	10	Caleche
20	90	70	Sand
90	102	12	Gravel & sand
102	118	16	Red rock
118	185	67	Red rock & red mud
185	235	50	Water sand
235	245	10	Red rock
245	258	13	Gray lime
258	290	32	Lime shells & blue shale
290	335	45	Sand
335	375	40	Brown and white shale
375	440	65	Red shale
440	475	35	Gumbo
475	530	55	Pink and brown shale
530	542	12	Brown shale
542	570	38	Red rock
570	580	10	White shale
580	605	25	Red rock
605	630	25	Red rock & shale
630	730	100	Red rock, shale & sand
730	770	40	Blue sandy shale
770	795	25	Sand (water)
795	870	75	White slate & shale
870	1150	280	Red rock
1150	1240	90	Anhydrite
1240	1245	5	Salt
1245	1275	30	Anhydrite
1275	1305	30	Red rock, potash & salt
1305	1345	40	Anhydrite
1345	1425	80	Broken anhydrite & red rock
1425	1445	20	Salt
1445	1455	10	Salt & potash
1455	2225	770	Anhydrite, Salt, and potash streaks
2225	2385	160	Anhydrite, Salt, and potash streaks
2385	2430	45	Lime and anhydrite
2430	2470	40	Anhydrite
2470	2525	55	Gray lime
2525	2620	95	Lime and anhydrite
2620	2660	40	Anhydrite & red rock breaks
2660	2735	75	Anhydrite
2735	2785	50	Anhydrite & blue shale
2785	2815	30	Lime
2815	2865	50	Lime & anhydrite
2865	2905	40	Anhydrite, lime and blue shale
2905	2995	90	Lime
2995	3005	10	Lime and anhydrite
3005	3055	50	Lime
3055	3205	150	Broken lime, blue shale, and red rock
3205	3275	70	Lime
3275	3315	40	Anhydrite & broken lime shells
3315	3350	35	Lime
3350	3385	35	Gray lime
3385	3510	125	Lime, gray lime, and anhydrite streaks
3510	3540	30	Lime
3540	3561	21	Lime
3561	3570	9	Lime
3570	3590	20	Hard lime
3590	3626	36	Lime (small show oil 3615-27) (show gas 3610)
3626	3627	1	Lime and bentonite breaks
3627	3644	17	Gray lime
3644	3660	16	Lime
3660	3665	5	Blue shale
3665	3670	5	Lime saturated
3670	3674	4	Shale
3674	3698	24	Lime
3698	3704	6	Lime (show oil)
3704	3712	8	Lime
3712	3726	14	Lime hard
3726	3746	20	Lime Medium and hard (oil)
3746	3760	14	Lime
3760	3770	10	Sandy lime
3770	3781	11	Broken lime
3781	3795	14	Gray lime- medium soft
3795	3800	5	White lime- soft
3800	3811	11	Gray sandy lime
3811	3815	4	Gray sandy lime (water and increase in gas)
3815	3834	19	Lime
3834	3842	8	Sandy lime (Increase in water)
3842	3847	5	Lime show bentonite
3847	3875	28	Sandy lime
3875	3890	15	Brown lime
3890	3901	11	Gray and white lime
3901	3933	32	Sandy lime
3933	3936	3	Water sand

HOLE WAS PLUGGED BACK TO 3740 and Shot. PRESENT TOTAL DEPTH 3740.

NOTE: This well deepened from 3746 ft. to 3936 ft. where hole filled 2000 ft. with sulphur water. Tubing was then run to bottom and hole circulated with fresh water then cemented back to 3740' (Cement under pressure)
This work done by Halliburton Cementing Co. on July 16, 1940.