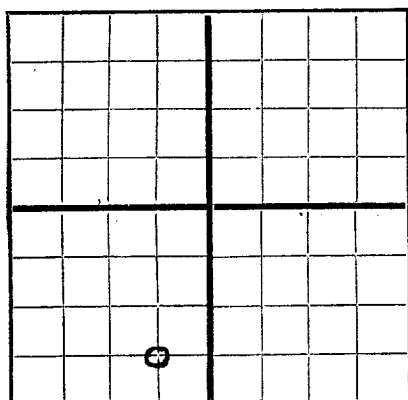


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NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

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 TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Herbert Herff 295 Union Avenue, Memphis, Tennessee
Company or Operator
R. W. Cowdin Well No. **1** in **SE SW** of Sec. **30**, T. **23-S**
Lease
R. **37-B**, N. M. P. M., **Langlie-Mattix** Field, **Lee** County.
Well is **660** feet **north** of the **South** line and **1950** feet **east** of the **West** line of **Section 30**
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is **R. W. Cowdin**, Address **Midland, Texas**
If Government land the permittee is, Address
The Lessee is **Herbert Herff**, Address **Memphis, Tennessee**
Drilling commenced **October 31**, 19 **49** Drilling was completed **February 3**, 19 **50**
Name of drilling contractor **Oil Well Drilling Company**, Address **Box 3468, Odessa, Texas**
Elevation above sea level at top of casing **3330** feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from **3510** to **3696** No. 4, from to
No. 2, from **(Pay zone indicated above is not solid, but consists several sand lenses between these depths)** 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 **915'** to **975** feet.
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
8-5/8"OD	25#	8 R	Yagsta	1205'	Howco Guide Shoe	& Float Collar	None		Surface Casing
5-1/2"OD	15.5#	8 R	Yagsta	3489'	Howco Guide Shoe	& Float Collar	None		Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8-5/8"	1217'	500	Plug	?	?
7-7/8"	5-1/2"	3495'	525	Plug	?	?
4-3/4"	Open Hole from 3495' to 3696'					

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length Depth Set
Adapters — Material **None** Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
3-1/2"		du Pent S.O.W.R.#1	364 qts	12/5/49	3530-3680	To 3696' TD

Results of shooting or chemical treatment **Slight increase in oil**

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 **3696** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **February 3**, 19 **50**
The production of the first 24 hours was **12** barrels of fluid of which **100** % was oil; %
emulsion; % water; and % sediment. Gravity, Be. **35.2°**
If gas well, cu. ft. per 24 hours **Nil** Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. **720#**

EMPLOYEES

Jodie L. Lee, Driller **B. W. Nester**, Driller
Howard McAdams, Driller **William T. Lee**, 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 **22nd** day of **February**, 19 **50** at **Odessa, Texas** **February 22, 1950**
Notary Public **Joyce L. Parker** Name **Herbert Herff**
My Commission expires **June 1, 1951** Position **Agent**
Representing **HERBERT HERFF**
Company or Operator
Address **Box 3468, Odessa, Texas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	848	848	Red Bed & Shells
848	949	101	Red Bed, Sand & Shells (Topped Water Flow @ 919')
949	1070	121	Red Bed & Anhydrite
1070	1112	42	Anhydrite
1112	1190	78	Red Bed, Shells & Shale
1190	1275	85	Anhydrite (5-5/8" OD Casing Cemented @ 1217')
1275	1551	276	Anhydrite & Salt
1551	1693	142	Anhydrite, Salt & Potash
1693	1952	259	Salt, Anhyd. & Shells
1952	2024	72	Salt, Potash & Anhyd.
2024	2068	44	Anhydrite & Salt
2068	2224	156	Gyp. Anhyd. & Salt
2224	2305	81	Anhyd. & Salt
2305	2367	62	Anhyd. & Gyp
2367	2396	29	Anhyd., Gyp & Salt
2396	2423	27	Anhyd., Shells & Salt
2423	2510	87	Anhyd. & Salt
2510	2563	53	Anhydrite
2563	2635	72	Anhyd., Gyp & Lime Streaks
2635	2715	80	Gyp. Anhyd. & Salt
2715	2764	49	Anhydrite
2764	2771	7	Gyp
2771	2800	29	Gyp. Anhyd., & Lime
2800	2825	25	Gyp
2825	2830	5	Lime
2830	2853	23	Gyp. Anhyd., Streaks of Lime
2853	2882	29	Gyp & Lime (Oil odor @ 2853)
2882	2935	53	Gyp. Anhyd. & Lime
2935	2950	15	Lime & Gyp
2950	2981	31	Lime
2981	3039	58	Anhyd., Lime & Sand
3039	3070	31	Lime
3070	3111	41	Lime, Gyp & Anhyd.
3111	3171	60	Lime
3171	3198	27	Lime & Sand
3198	3255	57	Lime
3255	3281	26	Lime & Sand
3281	3317	36	Lime
3317	3350	33	Sandy Lime
3350	3450	100	Lime
3450	3470	20	Gray Lime w/ Sand Stringers
3470	3498	28	CORRECTION BY STEEL LINE MEASUREMENT 4 5/8" OD Casing Cemented @ 3498'
3498	3597	99	Lime
3597	3611	14	Lime w/ Sand Streaks
3611	3662	51	Lime
3662	3666	4	Sand & Lime
3666	3690	24	-(Identity of formation omitted from log)
3690	3696	6	Lime
	TD		