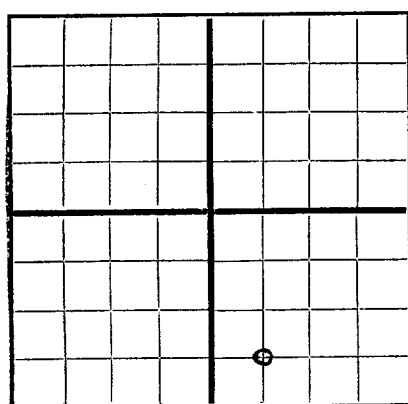




AREA 640 ACRES
 LOCATE WELL CORRECTLY

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

Herbert Herff

295 Union Ave., Memphis, Tennessee

Company or Operator **R. W. Cowden** Well No. **2** in **SW SE** of Sec. **30**, T. **23-S**
 Lease **37-E** **Langlie-Mattix** Field, **Lea** County.
 R. **660** N. M. P. M. **660** feet **North** of the **Section 30** line and **1980** feet west of the East line of **Section 30**
 If State land the oil and gas lease is No. _____ Assignment No. _____
 If patented land the owner is **R. W. Cowden**, Address **Midland, Texas**
 If Government land the permittee is _____, Address _____
 The Lessee is **Herbert Herff**, Address **Memphis, Tenn.**
 Drilling commenced **December 16** 19 **49** Drilling was completed **February 16** 19 **50**
 Name of drilling contractor **Oil Well Drilling Company**, Address **Box 3468, Odessa, Texas**
 Elevation above sea level at top of casing **3327** feet.
 The information given is to be kept confidential until _____ 19 _____.

OIL SANDS OR ZONES

No. 1, from **3490** to **3665** No. 4, from _____ to _____
 (Pay zone indicated above is not solid, but consists of several sand lenses between those depths)
 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 **932** to **1004** 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	28#	8 R	Yagsta	400'					
"	32#	8 R	Spang	807'	Howee Guide Shoe & Float Collar		None		Surface Casing
5-1/2" OD	15.5#	8 R	Schic	3440'	Howee 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"	1216'	550	Plug	?	?
7-7/8"	5-1/2"	3447'	525	Plug	?	?
4-3/4"	Open Hole from 3447' to 3665' TD					

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"		On Pant S.O.W.E.	120 Qts	1/15/50	3585-3660'	To 3665' 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 **3665** feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **February 16** 19 **50**
 The production of the first 24 hours was **15** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be. **35.5°**
 If gas well, cu. ft. per 24 hours **60,000 Cu. Ft.** Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. **720**

EMPLOYEES

William T. Lee, Driller **Howard McAdams**, Driller
Jodie L. 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**

 Notary Public
 My Commission expires **June 1, 1957**

 Place **Odessa, Texas** Date **February 22, 1950**
 Name **Herbert Herff**
 Position **Agent**
 Representing **HERBERT HERFF**
 Company or Operator
 Address **Box 3468, Odessa, Texas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	591	591	Gravel, Sand, Red Bed & Shells
591	844	253	Red Bed, Shells & Gyp
844	932	88	Red Bed & Shells
932	1194	262	Red Bed & Water Sand
1194	1223	29	Anhydrite (8-5/8" Casing Cemented @ 1216')
1223	1574	351	Anhyd. & Salt
1574	1805	231	Salt, Gyp & Anhyd.
1805	1930	125	Salt & Anhyd.
1930	2309	379	Salt, Gyp & Anhyd.
2309	2360	51	Anhyd. & Gyp
2360	2414	54	Anhyd., Gyp & Salt
2414	2475	61	Anhyd. & Gyp
2475	2667	192	Salt & Anhyd.
2667	2705	38	Anhyd., Salt & Gyp
2705	2733	28	Anhyd. & Salt
2733	2775	42	Gyp & Anhyd.
2775	2820	45	Anhydrite
2820	2833	13	Anhyd. & Gyp
2833	2837	4	Brown Lime
2837	2885	48	Gyp, Anhyd. & Lime
2885	2908	23	Brown Lime (with odor)
2908	2995	87	Gyp, Lime & Anhydrite
2995	3038	43	Lime
3038	3053	15	CORRECTION BY STEEL LINE MEASUREMENT
3053	3122	69	Lime & Shale
3122	3184	62	Lime, Anhyd. & Shale
3184	3213	29	Lime
3213	3250	37	Sandy Lime (with odor)
3250	3379	129	Lime
3379	3411	32	Gyp & Lime
3411	3573	162	Lime (5 1/2" OD Casing Cemented @ 3447')
3573	3579	6	Sandy Lime
3579	3665	86	Lime
	TD		