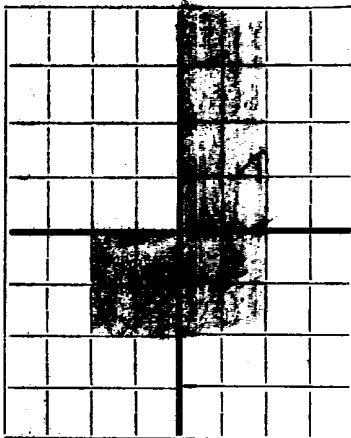


DUPLICATE

FORM C-110



AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

SEP 15 1947  
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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

**Sun Oil Company** Box 2792, Odessa, Texas  
Company or Operator Address  
**W.W. Weatherly et al** Well No. **2** in **NE/4 of SE/4** of **Sec. 17**, T. **21-S**  
Lease  
R. **37-B**, N. M. P. M., **Drinkard** Field, **Lee** County.  
Well is **660** feet **North** of the **Section** line and **660** feet west of the East line of **NE/4 of SE/4 of Sec. 17**  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is **W.W. Weatherly et al**, Address **Box 433, Haskell, Texas**  
If Government land the permittee is, Address  
The Lessee is **Sun Oil Company**, Address **Box 2880, Dallas, 1, Texas**  
Drilling commenced **August 1, 1947** Drilling was completed **September 11, 1947**  
Name of drilling contractor **Baker & Taylor Drilling Co.**, Address **540 Amarillo Bldg. Amarillo, Texas**  
Elevation above sea level at top of casing **3483** feet.  
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from **6576** to **6639** 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 **100** to **135** 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		PURPOSE
							FROM	TO	
10 3/4	40.5	8Rd	Republie	175.01'					Surface
10 3/4	32.75	8Rd	Nat'l	149.08	Larkin				Surface
7 5/8	26.4	8Rd	Pittsburg	2833.26	Larkin				Intermediate
5 1/2	15.30	8Rd	Nat'l	3177.26					Oil String
5 1/2	17	8Rd	Nat'l	3451.94	Larkin		6574	6637	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
13 3/8	10 3/4	"337.01'	300	Halliburton		
9 7/8	7 5/8	"2844.06	1600	Halliburton		
6 1/2	5 1/2	"6639.	550	Halliburton		

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
		15% HCL acid	2000	9-10-47	6574'-6637'	

Results of shooting or chemical treatment. **Before acidizing well flowed 2 1/2 bbls. oil per hour on 1" choke. After acidizing well flowed 8.8 bbls oil per hour on 17/64" choke.**

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 **surface** feet to **6639** feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **September 10, 1947**  
The production of the first 24 hours was **211.14** barrels of fluid of which **100** % was oil; **no** % emulsion; **no** % water; and **no** % sediment. Gravity, Be. **38.1**  
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. M. Darnell**, Driller **Louis Theaux**, Driller  
**Fred Worden**, 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 **13** day of **September**, 19 **47**  
**Annie Mae Hill**  
**Ector Co. Texas**, Notary Public  
ANNNIE MAE HILL  
My Commission expires **June 1, 1949**

**Odessa, Texas** **9-13-47**  
Place Date  
Name **O. D. Albright**  
Position **Area Superintendent**  
Representing **Sun Oil Company**  
Company or Operator  
Address **Box 2792, Odessa, Texas**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Surface	150	150	Clay & sand
150	831	681	Red bed
831	1135	304	Red bed & shale
1135	1320	185	Anhydrite
1320	2448	1128	Salt & anhydrite
2448	2704	256	Anhydrite
2704	2795	91	Anhydrite & gypsum
2795	3169	374	Anhydrite
3169	3391	222	Anhydrite & shale
3391	3534	143	Anhydrite
3534	3612	78	Anhydrite & lime
3612	6639	3027	Lime

Sun Oil Company

W. W. Weatherly, Well #2

Drill Stem Tests

- DST #1 - Total depth 5176' with packer set at 5141'. No water blanket. 5/8" x 1/4" chokes. Tool open 1 hour with blow of air for one hour. Recovered 90 feet clean drilling mud. Flowing pressure zero. 15 minute build up pressure zero. Hydrostatic pressure 2400
- DST #2- Total depth 6608' with packer set at 6574'. No water blanket. 5/8" x 1/4" chokes. Tool open two hours with gas to surface in 19 minutes and steady blow throughout test. Recovered 450 feet of clean oil and 60 feet of oil and gas cut mud. Flowing pressure 80# to 200#. 15 minute build up pressure 2300#. Hydrostatic pressure 3100#.
- DST #3- Total depth 6639' with packer set at 6600'. No water blanket. 5/8" x 1/4" chokes. Tool open two hours with gas to surface in 2 minutes and steady blow throughout test. Recovered 1800 feet of clean oil and 300 feet of gas cut mud. Flowing pressure zero to 450#. 15 minute build up pressure 2500#. Hydrostatic pressure 3200#

Stratigraphic Hole Tests  
 W. W. Weatherly Well #3  
 Sun Oil Company

Depth	Pressure
250	1
1350	0
1550	0
1750	0
1950	0
2150	0
2300	1
2842	1 1/4
3200	0
4000	0
4500	0
5450	0
5800	0
6500	0
6500	0