

RECEIVED
APR 7 - 1950
DISTRICT SUPERINTENDENT
SANTA FE, N.M.

N **R-37-E**

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.

Shell Oil Company Box 1457, Hobbs, New Mexico
Company or Operator Address
Sarkeys Well No. **4** in **SE/4, SW/4** of Sec. **23**, T **21-S**
Lease
R. **37-E**, N. M. P. M., **Drinkard** Field, **Lea** County.
Well is **4620** feet south of the North line and **3300** feet west of the East line of **Sec. 23, T-21-S, R-37-E**.
If State land the oil and gas lease is No. **--** Assignment No. **--**
If patented land the owner is **-- S. J. Sarkeys** Address **--**
If Government land the permittee is **--** Address **--**
The Lessee is **Shell Oil Company** Address **Box 1457, Hobbs, New Mexico**
Drilling commenced **3-1** 19 **50** Drilling was completed **3-29** 19 **50**
Name of drilling contractor **Thompson & Carr** Address **Odessa, Texas**
Elevation above sea level at top of casing **3394** feet.
The information given is to be kept confidential until **Not confidential** 19 **--**

OIL SANDS OR ZONES

No. 1, from **6380** to **6487** No. 4, from **6553** to **6601**
No. 2, from **6487** to **6514** No. 5, from **6601** to **6606**
No. 3, from **6514** to **6553** 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 **--** to **--** 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	
13 3/8"	32.4#	8R	Naylor	210	Texas Pattern				Water string
8 5/8"	32#	8R	Pittsburg						
			National 2915		Baker				Salt string
5 1/2"	15.5#	8R	Pittsburg						
			National 6436		Cameron				Oil string
2 3/8"	4.7#	8R		6576	Hung	6593'	6570	6587	Tubing 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
17 1/4"	13 3/8"	229	275	Pump & Plug	9.0#/gal.	
11"	8 5/8"	2927	2000	Pump & Plug	10.5#/gal.	
7 7/8"	5 1/2"	6450	500	Pump & Plug	9.5#/gal.	

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% LST acid	1000 gals.	4-2-50	6450-6606	

Results of shooting or chemical treatment **In 4 1/2 hrs. flowed 183 bbls. fluid thru 1" choke.**

RECORD OF DRILL-STEM AND SPECIAL TESTS

See Reverse Side

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 **6606** feet, and from **--** feet to **--** feet.
Cable tools were used from **--** feet to **--** feet, and from **--** feet to **--** feet.

PRODUCTION

Put to producing **4-3** 19 **50**
The production of the first 24 hours was **239.25** barrels of fluid of which **99.6** % was oil; **--** % emulsion; **0.2** % water; and **0.2** % sediment. Gravity, **Be 39.3° API**
If gas well, cu. ft. per 24 hours **--** Gallons gasoline per 1,000 cu. ft. of gas **--**
Rock pressure, lbs. per sq. in. **GOR 768**

EMPLOYEES

A. C. Bowers Driller **L. D. Rushing** Driller
A. A. Ferguson 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 **5th**day of **April**, 19 **50****Rene H. Jones**
Notary Public**Hobbs, New Mexico** **April 5, 1950**
Place DateName **Frank E. Lovering**Position **District Superintendent**Representing **Shell Oil Company**
Company or OperatorMy Commission expires **My Commission Expires Sept. 16, 1950**Address **Box 1457, Hobbs, New Mexico**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	120	120	Caliche & Sand
120	1250	1130	Red Beds
1250	2400	1150	Anhydrite & Salt
2400	2825	425	Anhydrite
2825	6606	3781	Limestone & Dolomite w/anhydrite, shale & sand.
<u>TOPS BY SCHLUMBERGER:</u>			
Drinkard	Zone I	6380 (-2974)	
Drinkard	Zone II	6487 (-3081)	
Drinkard	Zone III	6514 (-3108)	
Drinkard	Zone IV	6553 (-3147)	
Drinkard	Zone V	6601 (-3195)	
DST #1:	6446-6606 (Drinkard Pay)		5/8" BC & 1" TC. Tool open 115 min. Gas to surface in 4 min., mud in 42 min., oil in 45 min. Flowed 21.3 bbls. oil in 1 hour. Gravity 38.2° API. GOR 864. FBHP 200 to 750 p.s.i. 15 min. SIBHP 2575 p.s.i. MCP 3250 p.s.i. <u>Positive Test.</u>