

N R-37-E

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

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
Company or Operator
Turner Well No. 12 in SW/4 of Sec. 22, T. 21-S
Lease
R. 37-E, N. M. P. M., Drinkard Field, Lea County.
Well is 3215 feet south of the North line and 3580 feet west of the East line of Sec. 22, T-21-S, R-37-E.
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is A. T. Turner Address
If Government land the permittee is Address
The Lessee is Shell Oil Company Address Box 1457, Hobbs, New Mexico
Drilling commenced May 5 1950 Drilling was completed May 26 1950
Name of drilling contractor Rowan Drilling Co. Address Ft. Worth, Texas
Elevation above sea level at top of casing 3413 feet.
The information given is to be kept confidential until Not confidential 19

OIL SANDS OR ZONES

No. 1, from 6480 to 6626 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 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 FROM TO	PURPOSE
13 3/8"	48#	8R		210	Texas Pattern			Water string
8 5/8"	32# & 28#	8R	National Republic	2894	Baker			Salt string
5 1/2"	15.5#	8R	J&L	6470	Cameron	Na-Well		Oil string
2 3/8"	4.7#	8R		6616	Hung	@ 6623	6609 6617	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"	220	300	Pump & Plug		
11"	8 5/8"	2905	2000	Pump & Plug		
7 7/8"	5 1/2"	6480	500	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set
Adapters — Material Size

RECORD OF ~~SECTION~~ CHEMICAL TREATMENT

DATE	SECTION	CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		15% acid	1000 gals.	5-30-50	6480-6626	

Results of shooting or chemical treatment Well kicked off & flowed 96 bbls. oil in 3 hrs. 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 6626 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 6-1 1950
The production of the first 24 hours was 185.91 barrels of fluid of which 99.8% was oil; —% emulsion; —% water; and 0.2% sediment. Gravity, 39.0
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 5000 2595

EMPLOYEES

L. P. Vercher Driller Tom Childress Driller
L. W. Doreas 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 6th Hobbs, New Mexico June 6, 1950
day of June, 1950 Name Frank R. Lovering

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	95	95	Sand & caliche
95	1190	1095	Red beds
1190	1400	210	Anhydrite
1400	2800	1400	Salt, anhydrite & gypsum
2800	6626	3826	Dolomite and lime w/some shale, anhydrite & sand.
TOPS BY SCHLUMBERGER:			
Unse Zone		5082 (-1659)	
Paddock		5151 (-1728)	
Drinkard Zone I		6383 (-2960)	
Drinkard Zone III		6511 (-3088)	
DST #1: 6473-6626.			5/8" BC & 1" TC on 3 1/2" drill stem. Tool open 90 min. Good blow immediately and throughout test. Gas to surface in 14 min. Recovered 540' (4 bbls.) clean oil, 600' (4.5 bbls.) mud cut oil, 180' (1.3 bbls.) heavily oil cut mud & 120' (0.9 bbls.) brackish water titrating 14,000 ppm total chlorides (pit mud titrated 1820 ppm total chlorides). FBHP 100 to 475 p.s.i. 20 min. shut in BHP 2050 p.s.i. HWH 3075 p.s.i. <u>Positive Test.</u>