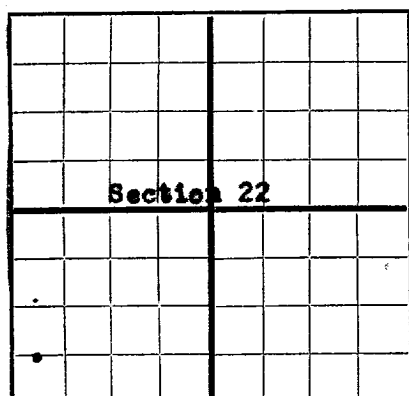


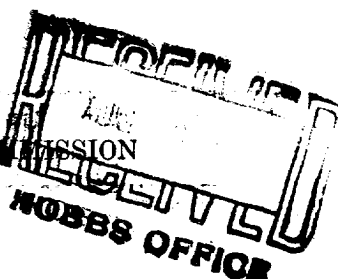
FORM C-105

N



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

Shell Oil Company, Incorporated Box 1457, Hobbs, New Mexico
Company or Operator Address
A. T. Turner Well No. 4 in SW/4 of Sec. 22, T. 21-S
Lease
R. 37-E, N. M. P. M., Bare Field, Lea County.
Well is 4620 feet south of the North line and 4950 feet west of the East line of Sec. 22, T21S, R37E
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 Co., Inc. Address Box 1457, Hobbs, N.M.
Drilling commenced 5-20 19 49 Drilling was completed 7-11 19 49
Name of drilling contractor Rowan Drilling Co. Address Fort Worth, Texas
Elevation above sea level at top of casing 3424 feet.
The information given is to be kept confidential until not confidential 19

OIL SANDS OR ZONES

No. 1, from 6382 to 6640 No. 4, from to
No. 2, from 7378 to 7542 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	32.4#	8 rd.	Naylor	210	Texas Pattern				Water string
8 5/8	32#	8 rd.	B-40	2846	Cameron				Salt string
5 1/2	15.5#	8 rd.	J-55	7778	Larkin				Oil string
2 3/8	4.7#	8 rd.	J-55	7557	(Hung @ 6563')		7358	7371	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 1/2"	13 3/8"	226'	300	Pump & plug	9.0#/gal.	
11"	8 5/8"	2859'	1500	Pump & plug	10.3#/gal.	
7 7/8"	5 1/2"	7790'	600	Pump & plug	9.5#/gal.	

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set
Adapters — Material Size

RECORD OF ~~XXXXXXXXXXXXXXXXXXXX~~ CHEMICAL TREATMENT

SIZE	XXXXXXXXXX	XXXXXXXXXX CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		15% acid wash	500 gals.	7-17	7790-7890	
20% acid	- 3000 gals.	15% acid	2000 gals.	7-18	7790-7890	
		15% acid	1000 gals.	7-17	7790-7890	
20% acid	- 6000 gals.	15% acid 4000 gals.		7-20	7790-7890	

Results of ~~XXXXXXXXXX~~ chemical treatment. Lacked 10 bbls. fluid of recovering oil & acid load by swabbing after first acid treatment. Recovered 162 bbls. fluid in excess of oil & acid load by swabbing after second treatment. Recovered 80 bbls. fluid in excess of oil & acid load by balling open hole after 3rd acid treatment.

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 7890 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 8-1 19 49
The production of the first 24 hours was 860 barrels of fluid of which 99.6% was oil; 0% emulsion; 0% water; and 0.4% sediment. Gravity, Be 48.3° API
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas.
Rock pressure, lbs. per sq. in. G.O.R. 1735

EMPLOYEES

Fred L. Moore Driller L. W. Dewees Driller
W. E. Cook 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 2nd

day of August, 19 49

June R. Davis
Notary Public

My Commission expires Mv Commission Expires Sept. 18, 1950

Hobbs, N.M. 8-2-49
Date
For *Frank R. Lovering*
Name
Position District Superintendent
Representing Shell Oil Company, Inc.
Company or Operator
Address Box 1457, Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
NO SAMPLES TAKEN ABOVE 1100'			
1100	1210	110	Sand, shale, red beds
1210	1300	90	Sand, shale, anhydrite, red beds
NO SAMPLES TAKEN FROM 1300' to 2700'			
2700	3000	300	Lime, dolomite, anhydrite, shale & sand
3000	7250	4250	Lime, dolomite, with sand shale & anhydrite
7250	7378	128	Dolomite, shale & anhydrite
7378	7542	164	Sand & shale w/some lime
7542	7740	198	Shale w/sand & lime
7740	7800	60	Limestone
7800	7884	84	Dolomite
7884	7890	6	Granite
DST No. 1: 6515-6640' (Drinkard)		min. Oil	5/8" BC & 1" TC. Tool open 3 hrs. and 55 min. Gas to surface in 10 min. Mud to surface in 80 min. Oil to surface in 83 min. Turned to tank. Flowed 19.08 bbls. oil in 2 1/2 hrs. by heads. 20 min. BHP build-up 2000 p.s.i. FBHP 400 to 900 p.s.i. Hydrostatic mud pressure 3100 p.s.i.
DST No. 2: 7332-7535' (McKee)			Tool open 135 min. Gas to surface in 5 min. Mud to surface in 10 min. Oil in 15 min. Turned to tank. In 2 hrs. flowed 161.85 bbls. oil, gravity 48.4° API. Initial FBHP 2120 p.s.i. Final FBHP 2170 p.s.i. 20 min. shut in BHP 2760 p.s.i. Hydrostatic mud head 3725 p.s.i.
DST No. 3: 7759-7896 (Ellenburger)			5/8" BC & 1" TC. Tool open 190 min. Strong initial blow of air. Gas to surface in 22 min. Constant weak blow of gas for remainder of test, volume too small to measure. Recovered 430' (3 bbls.) oil & gas cut drilling mud. FP 0 p.s.i. 15 min. shut in BHP 1800 p.s.i. Hydrostatic mud pressure 4200 p.s.i.