

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company

Plumlee

Company or Operator

Lease

Well No. 1 in SE/4 SW/4 of Sec. 12, T. 21-S

R. 37-E, N. M. P. M., Undesignated Field, Lea County.

Well is 4620 feet south of the North line and 3300 feet west of the East line of Sec. 12, T-21-S, R-37-E.

If State land the oil and gas lease is No. - Assignment No. -

If patented land the owner is Plumlee, Address -

If Government land the permittee is -, Address -

The Lessee is Shell Oil Company, Address Box 1957, Hobbs, New Mexico

Drilling commenced 3-1 19 52 Drilling was completed 4-28 19 52

Name of drilling contractor E. F. Moran, Inc., Address Hobbs, New Mexico

Elevation above sea level at top of casing 3441 feet.

The information given is to be kept confidential until Not confidential 19

OIL SANDS OR ZONES

No. 1, from 6899 to 7600 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	Smith	199'				Water string
8 5/8"	32#	8R	Mixed	3170'	Baker			Salt string
	28.55#							
5 1/2"	15.5#	8R	Mixed	6939'	Larkin			Oil string
2 3/8"	4.7#	8R	-	7490'	Hung	7499'	7483 7499	Tubing string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/4"	13 3/8"	210'	250	Pump & plug		
11"	8 5/8"	3182'	2200	Pump & plug		
7 7/8"	5 1/2"	6950'	50	Pump & plug		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

RECORD OF ~~ACIDIZING~~ CHEMICAL TREATMENT

SIZE	SIMIL USED	CHEMICAL USED	QUANTITY	DATE	DEPTH TREATED	DEPTH CLEANED OUT
		M-38 acid	2500	5-4-52	6950-7510	
		XX F26 M-38 acid	10,000	5-6-52	6950-7510	
		Channel acid	1000	5-19-52	6950-7510	
		15% XX F26 M-38 acid	10,000	5-19-52	6950-7510	

Results of shooting or chemical treatment

After recovering hole load of last stage flowed 124 bbls. fluid in 5 hrs.

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 7674 feet, and from feet to feet.

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

PRODUCTION

Put to producing 5-20 19 52

The production of the first 24 hours was 128 barrels of fluid of which 80 % was oil; - %

emulsion; 20 % water; and - % sediment. Gravity, 41.6° API corrected

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 2242

EMPLOYEES

Jack C. Hewitt

Driller J. M. Winston

Driller

J. I. Powell

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.

Hobbs, New Mexico

Place

5-28-52

Date

Name J. D. Savage

J. D. Savage

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
		<u>SAMPLE</u>	<u>LOG</u>
0	6550	6550	No samples taken.
6550	6800	250	Dolomite, anhydrite & shale.
6800	7035	235	Dolomite, lime & shale.
7035	7075	40	Dolomite, Lime, shale & anhydrite.
7075	7600	525	Dolomite, lime & shale.
7600	7672	72	Granite wash.
7672	TD 7674	2	Granite
<u>TOPS BY SCHUMBERGER:</u>			
Glorieta		5322' (-1868)	
Clear Fork		5760 (-2306)	
Tubb A		6224 (-2770)	
Drinkard		6562 (-3108)	
Abo		6839 (-3385)	
Granite Wash		7600 (-4146)	
Granite		7672 (-4218)	
<u>DST #1:</u>	6982-7265 (283' Abo dolomite)		Tool open 2 1/2 hrs. thru 5/8" BC & 1" TC on 3 1/2" DS. Fair blow throughout test. Gas to surface in 1 hr. 2 min. Recovered 610' (3.82 bbls.) slightly oil & gas cut mud. FBHP 250-325 psi. 30 min. SIBHP 975 psi. HMH 3975 psi. <u>Positive Test.</u>
<u>DST #2:</u>	7253-7540 (287' Abo dolomite)		Tool open 2 hrs. 45 min. thru 5/8" BC & 1" TC on 3 1/2" DS. Fair air blow throughout test. Recovered 120' slightly oil & gas cut mud. FBHP 0 psi. 30 min. SIBHP 350 psi. HMH 3750 psi. <u>Positive Test.</u>