

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPPLICATE.

Shell Oil Company

(Company or Operator)

State TX

(Lease)

Well No. 1, in NE 1/4 of SE 1/4, of Sec. 4, T. 16-S, R. 35-E, NMPM.

Tombard Area

Pool,

Lea

County.

Well is 1900 feet from South line and 660 feet from East line of Section 4. If State Land the Oil and Gas Lease No. is E-3283.

Drilling Commenced 7-26, 1952. Drilling was Completed 11-15, 1952.

Name of Drilling Contractor Corbett Drilling Company

Address Odessa, Texas

Elevation above sea level at Top of Tubing Head 4022. The information given is to be kept confidential until Not Confidential, 19.

OIL SANDS OR ZONES

No. 1, from 10,365 to 10,455 No. 4, from to
No. 2, from 11,475 to 11,510 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 None to feet.
No. 2, from to feet.
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	48	New	296'				Surface String
8-5/8"	32	New	4639'				Salt String
5-1/2"	17.15.54	New	11,513'	Geyser		10,365-10,455'	Oil String
2	4.77	New	11,509'	Hang @ 11,515'			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"	311'	300	Pump & Plug	Cemented to surface.	
11"	8-5/8"	4623'	3200	Pump & Plug	Cemented to surface.	
7-7/8"	5-1/2"	11,545'	600	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Treated thru perfs. 10,365 - 10,385'; 10,395 - 10,415'; 10,425 - 10,455' w/1000 gallons 15% non-emulsion acid.

Result of Production Stimulation After recovering hole lead flowed 414 barrels oil in 12 hours thru 22/64" choke.

Depth Cleaned Out 11,520'.

RE AD OF DRILL-STEM AND SPECIAL TEST

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 11,546' DOD 11,520' feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 11-28, 19 52
OIL WELL: The production during the first 24 hours was 828 barrels of liquid of which 99.9 % was
was oil; % was emulsion; % water; and 0.1 % was sediment. A.P.I.
Gravity. 29.6°
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure lbs.
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

T. Anhy
T. Salt
B. Salt
T. Yates
T. 7 Rivers
T. Queen
T. Grayburg
T. San Andres. 4527 (-555')
T. Glorieta. 6179 (-2147')
T. Drinkard. 8114 7316 (-3284')
T. Tubbs
T. Abo. 7876 (-3844')
T. Penn. 10,265 (-6233')
T. Miss

T. Devonian
T. Silurian
T. Montoya
T. Simpson
T. McKee
T. Ellenburger
T. Gr. Wash
T. Granite
T. Wolfcamp 9541 (-5509')
T.
T.
T.
T.

Northwestern New Mexico

T. Ojo Alamo
T. Kirtland-Fruitland
T. Farmington
T. Pictured Cliffs
T. Menefee
T. Point Lookout
T. Mancos
T. Dakota
T. Morrison
T. Penn
T.
T.
T.
T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	4650	4650	No samples taken	DST #2 10,250 - 10,305'	(straddle test) (55'		
4650	6180	1530	Dolo. w/striks. Anhydrite	Penn.). Tool open 1 hr. thru 5/8" BC & 1" TC			
6180	7320	1140	Dolomite	on 3-1/2" DS. Immed. weak air blow remaining			
7320	7580	260	Silty Dolomite	weak throughout test. No gas to surface. Rec.			
7580	7950	370	Dolomite	360' (2.5 bbls.) of ali. GCM below circ. sub.			
7950	9540	1590	Dolomite & Shale	FHP 0 psi, 30-min. SUMP 0 psi, HSH 4975 psi.			
9540	10,260	720	Line & Dolomite	- 4800 psi. Positive Test.			
10,260	10,700	440	Line w/striks. Shale	DST #3 11,466 - 11,512' (46' Perm. Line & Sand)			
10,700	11,546	846	Line w/stringers Shale &	Tool open 1 hr. 22 mins. thru 5/8" BC & 1" TC			
		11,546'	Sand	on 3-1/2" DS. Strong blow throughout test.			
DST #1 - 10,349' - 10,500'	(151' Perm.) Tool op.			Gas to surf. in 4 mins. Mud in 20 mins., oil in			
1 hr. 35 min. thru 5/8" BC & 3/4" TC on 3 1/2" DS.				21 mins. Flowed 34 bbls. oil per hr. GOR 1021.			
Immed. good air blow inc. to strong. Gas to				Rev. recovery & rec. 180' (0.9 bbls.) very hvy.			
surf. in 5 min. w/strong blow. Mud in 11 mins.				GCM below circ. sub. FHP 1250 - 1725 psi,			
oil in 15 mins. Flwd. 75 bbls. oil/hr. GOR 1478.				30-min. SUMP 4475 psi. HSH 5850 psi.			
Gr. 40.4 Rec. 30' (0.02 bbls.) clean oil be-				Positive Test.			
low circulating sub, no wtr. FHP 2700 - 3200							
psi, 30-min. SUMP 3850 psi, HSH 5200 - 4950							
psi. Positive Test.							

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

December 2, 1952

(Date)

Company or Operator Shell Oil Company

Address Box 1957, Hobbs, New Mexico

Name J. D. Savage

Position or Title Division Exploitation Engineer