



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 QUINTUPLICATE.

Shell Oil Company (Company or Operator) State, N.M. (Lease)

Well No. 1, in SE 1/4 of NE 1/4 of Sec. 21, T. 19S, R. 36E, NMPM.

Monument Area Wildcat Pool, Lea County.

Well is 660 feet from south line and 660 feet from east line of Section 21. If State Land the Oil and Gas Lease No. is E-273.

Drilling Commenced March 24, 1955. Drilling was Completed May 30, 1955.

Name of Drilling Contractor Valm Det. Co. & J. P. Madame

Address Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3760'. The information given is to be kept confidential until Not confidential, 19.

OIL SANDS OR ZONES

No. 1, from ..... to ..... 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8"	32	New	287'	-	-	-	Surface string
5 1/2"	15.5	New	4098'	-	1500'	3900'-3950' 3986'-4038' 4062'-4074' 4080'-4084' 4094'-4103'	Oil 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
11"	8 5/8"	300'	300	Pump & Plug		
7 7/8"	5 1/2"	4110'	650	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Displaced the hole with mud laden fluid. Pulled open ended tubing up to 3900' and spotted 10 sz. neat cement from 3900' to 3820' into 5 1/2" casing. Pulled tubing. Determined freeze point by stretch test = 1300'. Shot off 5 1/2" casing = 1500' and pulled same.

Spotted 25 sz. cement thru open ended tubing at 1500' to isolate hole above 900' from salt

Result of Production Stimulation section (top of salt 1750'). Pulled tubing to 320' and spotted 15 sz. plug in bottom of 8 5/8" casing. Spotted 10 sz. cement plug at surface. Erected 4" x 4" marker as required by Rule 202.

Depth Cleaned Out.....

**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 ..... feet to ..... 172 feet, and from ..... feet to ..... feet.  
 Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet.

**PRODUCTION**

Put to Producing..... June, 11 ..... 19 55

OIL WELL: The production during the first 24 hours was .....barrels of liquid of which.....% was  
 was oil; .....% was emulsion; .....% water; and.....% was sediment. A.P.I.  
 Gravity.....

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**

**Northwestern New Mexico**

- |                                       |                     |                            |
|---------------------------------------|---------------------|----------------------------|
| T. Anhy.....                          | T. Devonian.....    | T. Ojo Alamo.....          |
| T. Salt.....                          | T. Silurian.....    | T. Kirtland-Fruitland..... |
| B. Salt.....                          | T. Montoya.....     | T. Farmington.....         |
| T. Yates..... <u>31031 (46691)</u>    | T. Simpson.....     | T. Pictured Cliffs.....    |
| T. 7 Rivers..... <u>35551 (42171)</u> | T. McKee.....       | T. Menefee.....            |
| T. Queen.....                         | T. Ellenburger..... | T. Point Lookout.....      |
| T. Grayburg.....                      | T. Gr. Wash.....    | T. Mancos.....             |
| T. San Andres.....                    | T. Granite.....     | T. Dakota.....             |
| T. Glorieta.....                      | T. ....             | T. Morrison.....           |
| T. Drinkard.....                      | T. ....             | T. Penn.....               |
| T. Tubbs.....                         | T. ....             | T. ....                    |
| T. Abo.....                           | T. ....             | T. ....                    |
| T. Penn.....                          | T. ....             | T. ....                    |
| T. Miss.....                          | T. ....             | T. ....                    |

**FORMATION RECORD**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	500	500	Red Beds				
500	1750	1250	Red Beds - anhydrite				
1750	2300	1050	Salt				
2300	4172	1372	Bandy Dolomite w/ sand stringers				

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.

..... June 23, 1955 ..... (Date)

Company or Operator..... Shell Oil Company ..... Address..... P.O. Box 1257, Hobbs, New Mexico  
 Name..... A. Navill ..... Position or Title..... Division Exploration Engineer

DST #1: 3988'-4110' (122' Seven Rivers Dolomite.) Tool open 1 hour thru  
5/8" BC and 1" TC on 4 1/2" DS. Immediate weak air blow, dying  
in 25 minutes. NGTS. Recovered 10' mud, No shows. FBHP 75 psi.  
30 minute SIBHP 75 psi. RMH 2490 psi. Positive Test. (Johnston).