

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. If State Land submit 6 Copies

Shell Oil Company

State JJ

(Company or Operator)

(Lease)

Well No. 2, in NW 1/4 of SE 1/4, of Sec. 13, T. 23-S, R. 36-E, NMPM.

Langlie-Mattix

Pool,

Lee

County.

Well is 1980 feet from south line and 1980 feet from east line

of Section 13. If State Land the Oil and Gas Lease No. is B-1167

Drilling Commenced October 17, 1959. Drilling was Completed October 29, 1959.

Name of Drilling Contractor S. P. Yates Drilling Company

Address 309 Carper Building, Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3371. The information given is to be kept confidential until not confidential, 19.

OIL SANDS OR ZONES

No. 1, from 3572' to 3578' No. 4, from 3634' to 3638'

No. 2, from 3582' to 3586' No. 5, from 3646' to 3650'

No. 3, from 3594' to 3598' No. 6, from 3667' to 3671'

IMPORTANT WATER SANDS

3673'

3677'

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
5 5/8"	32#	new	236'				Surface String
5 1/2"	15.5#	new	3688'	Larkin		*	Oil String

*3572' - 3578', 3582' - 3586', 3594' - 3598', 3634' - 3638', 3646' - 3650', 3667' - 3671', 3673' - 3677'.

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"	247'	180	Pump & Plug	Cemented to surface	
7 7/8"	5 1/2"	3698'	200	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 3572' - 3578', 3582' - 3586', 3594' - 3598', 3634' - 3638', 3646' - 3650', 3667' - 3671', & 3673' - 3677' w/2-3/8" jet shots per foot.

Treated formation via casing w/21,000 gallons lease oil containing 1.5% sand & 1/40% FL-2/gallon.

Result of Production Stimulation On OET flowed 44 BOPD + 3 BOPD thru 20/64" choke.

FTP 530 psi. CP 650 psi.

Depth Cleaned Out 3680'

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 3700 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing November 16, 19 59
OIL WELL: The production during the first 24 hours was 52 barrels of liquid of which 85 % was
was oil; % was emulsion; 15 % water; and % was sediment. A.P.I.
Gravity. 33.9 deg.
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. 1210' (+2171')	T. Devonian	T. Ojo Alamo	T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington	T. Yates. 2879' (+502')	T. Simpson	T. Pictured Cliffs
T. 7 Rivers. 3142' (+239')	T. McKee	T. Menefee	T. Queen. 3516' (+135')	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	200	200	Surface Sands, Caliche	DST # 1: 3510' - 3565' (55' Queen). Tool open 1 1/2 hours through 5/8" BC, 1" TC, 1 1/2" DS. Opened w/weak blow increasing to fair in 2 minutes and remaining throughout test. NGTS. Recovered 150' (.25 bbls.) slightly gas cut drilling mud. FBHP 85 - 1060 psi (increasing). 30 minutes SIBHP 1800 psi (failed). BMH 1845 - 1845 psi. Maximum temperature 90 deg. F. Inclusive Test. (Johnston.)			
200	1210	1010	Red Beds				
1210	2880	1670	Salt & Anhydrite				
2880	3140	260	Sand & Anhydrite				
3140	3700	560	Dolomite & Sand				

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.
November 23, 1959 (Date)
Company or Operator Shell Oil Company Address Box 45, Roswell, New Mexico
Name R. A. Lowery Original Signed By R. A. LOWERY Position or Title District Exploitation Engineer