

Section 3

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

Livingston

(Company or Operator)

(Lain)

Well No. 11, in Lot 13 of 1/4 of 1/4 of Sec. 3, T. 21S, R. 37E, NMPM.

Drinfeld

Pool.



County.

Well is 3300 feet from south line and 660 feet from west line
of Section 3. If State Land the Oil and Gas Lease No. is 7

Drilling Commenced November 26 19 61 Drilling was Completed December 18 19 61

Name of Drilling Contractor..... **B. L. McFarland, Inc.**

Address.....3612 W. Wall, Midland, Texas

Elevation above sea level at Top of Tubing Head.....3434'..... The information given is to be kept confidential until
not confidential..... 19.....

OIL SANDS OR ZONES

No. 1, from **5729'** to **5834'** No. 4, from to

No. 2, from **6133'** to **6363'** No. 5, from to

No. 3, from **6519'** to **6635'** 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
	9 5/8"	36#	New & SH	259'				Surface
(D)	2 7/8"	6.5#	New	6715'	Guide		*	Oil
(T)	2 7/8"	6.5#	New	6713'	Guide			Oil
(B)	2 7/8"	6.5#	New	6713'	Guide			Oil

MUDDING AND CEMENTING RECORD

	SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	12 1/4"	9 5/8"	271'	250	Pump & Plug	Cemented to surface	
(D)	8 3/4"	2 7/8"	6725'	635	Pump & Plug		
(F)	8 3/4"	2 7/8"	6724'	635	Pump & Plug		
(B)	8 3/4"	2 7/8"	6724'	635	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

*Perforated 6519', 6521', 6533', 6542', 6560', 6561', 6595', 6612', 6623', 6624', 6633', 6635' w/1 JS (total 12 holes).

Treated w/15,000 gallons lease crude containing 1 $\frac{1}{2}$ sand & 1/20 $\frac{1}{2}$ Mark II Adonite/gallon.

Result of Production Stimulation On OPT flowed 163 BOPD (based on 75 BO in 11 hours) thru 12/64" choke.

FCP 1225 pg1.

Depth Cleaned Out 6667'

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 6730 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 1, 1962, 163 barrels of liquid of which 99.8% was oil; 0.2% was emulsion; % water; and % was sediment. A.P.I. Gravity 40.2 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		T. Devonian	T. Ojo Alamo
T. Salt		T. Silurian	T. Kirtland-Fruitland
B. Salt	2557' (+886')	T. Montoya	T. Farmington
T. Yates	2813' (+630')	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	3384' (+39')	T. McKee	T. Menefee
T. Queen	3708' (-265')	T. Ellenburger	T. Point Lookout
T. Grayburg	3927' (+84')	T. Gr. Wash	T. Mancos
T. San Andres	5165' (-1722')	T. Granite	T. Dakota
T. Glorieta	6503' (-3060')	T.	T. Morrison
T. Drinkard	6126' (-2683')	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	60	60	Surface Sands, Caliche				
60	1250	1190	Red Shale				
1250	2550	1300	Anhydrite, Salt				
2550	3930	1380	Sandstone, Anhydrite, Dolomite				
3930	5520	1590	Dolomite w/Streaks of Shale & Anhydrite				
5520	6730	1210	Dolomite				
DST # 1:	3380' - 3650' (270' Queen-Farmrose).		Tool open 2 hours thru 5/8" BC, 1/2" TC, & 1/2" DP. Recovery 10' drilling mud w/no shows. 60 minutes ISIP 220 psi. FHIP 190 - 190 psi. 60 minutes FHIP 190 psi. BHP 1900 psi. Positive Test. (Cook)				
DST # 2:	3650' - 3800' (150' Queen-Grayburg).		Tool open 2 hours thru 5/8" BC, 1/4" TC, & 1/2" DP. Recovery 90' drilling mud w/no shows. 1 hour ISIP 150 psi. FHIP 150 - 150 psi. 1 hour FHIP 158 psi. BHP 2100 - 2100 psi. Positive Test. (Foster)				

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.

January 2, 1962

Company or Operator Shell Oil Company Address Box 1858, Roswell, New Mexico (Date)
Name R. A. Lowery Original Signed By District Exploitation Engineer
R. A. LOWERY