

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Must be filed in 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. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company

McIntosh D

(Company or Operator)

(Lease)

Well No. **1**, in **SE** **SE** **21** **-19-S**, R. **-35-E**, NMPM.

Undesignated

Lea

County.

Well is **660** feet from **South** **660** feet from **East** lineof Section **21**Drilling Commenced **December 30** **57** Drilling was completed **January 14**, 19 **58**Name of Drilling Contractor **Moren Drilling Company**Address **Box 1718, Hobbs, New Mexico**Elevation above sea level at Top of **3740** The information given is to be kept confidential until **not confidential**

OIL PAYMENT ZONES

No. 1, from **4859** to **4861**No. 2, from **4865** to **4873**

No. 3, from _____ to _____

IMPORTANT WATER BANDS

Include data on rate of water inflow and character of which water is in hole.

No. 1, from _____ feet

No. 2, from _____ feet

No. 3, from _____ feet

No. 4, from _____ feet

CANDY LOGS

SIZE	WEIGHT PER FOOT	NEW OR USED	DEPTH	LOG NO.	BIT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8"	32	new	299'				Surface String
5 1/2"	15.5	new	4912'	Larkin		4859' - 4861'	Oil String
						4865' - 4873'	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	DEPTH	LOG NO.	BIT AND PULLED FROM	AMOUNT OF MUD USED
12 1/4"	8 5/8"	308'	350		Pump & Plug	Cemented to surface
7 7/8"	5 1/2"	4923'	700		Pump & Plug	

Result of Production Stimulation (See Form C-101) (See Form C-102) (See Form C-103) (See Form C-104) (See Form C-105)

Injected 20 bbls. lease crude treated w/5 gallons Chemical. Flushed w/20 BO. Stabbed dry. Loaded hole w/oil. Spotted 250 G. 7 1/2" MCA & washed perforations. Set plr. Injected 250 G. MCA into formation & flushed w/20 BO. Stabbed dry. Treated formation via casing w/10,000 gallons gelled lease crude containing 1#/gal. sand & 0.1#/gal. Adomite in 3 stages w/30 ball sealers. Overflushed w/50 BO.

Result of Production Stimulation **On OPT pumped 45 BOPD + 41 BOPD w/11-64" SPM. GOR 699.**

4886'

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 0 feet to 4923 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 31, 1958
OIL WELL: The production during the first 24 hours was 86 barrels of liquid of which 52% was oil; 48% was emulsion; 48% water; and 36.4 deg. Gravity was sediment. A.P.I.
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 3365' (+385')	T. Simpson	T. Pictured Cliffs
T. 7 Rivers 3849' (-55')	T. McKee	T. Menefee
T. Queen 4511' (-791')	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
310	1110	1105	Surface & Caliche	4858'	4923'	65'	Queen
1115	1135	120	Red Beds	Tool open 2 hours thru 5/8" BC, 1" TC, & 1 1/2" DS. Opened w/weak blow increasing to good in 40 minutes & continued throughout test.			
1135	1170	1335	Anhydrite	NOTES. Recovered 990' slight to fair gas show in DS, 26' (0.1 bbl.) slightly mud cut oil + 78' (0.4 bbl.) oil, gas, & mud cut water (est. 10% oil) + 52' (0.3 bbl.) gas & oil cut mud (5% oil) + 26' (0.1 bbl.) mud. 30 minutes FSIHP 1590 psi. FHP 80 - 115 psi. 45 minutes FSIHP 1290 psi (not built up). FHP 2760 - 2760 psi. Positive Test. (Cook)			
1170	1361	191	Anhydrite & Salt				
1361	1709	348	Anhydrite				
1709	1990	281	Anhydrite & Gyp				
1990	1801	211	Anhydrite & Dolomite				
1801	1826	25	Dolomite				
1826	1884	158	Dolomite & Sand				
1884	1694	10	Dolomite				
1694	1863	169	Dolomite & Sand				
1863	1878	15	Dolomite				
1878	1920	42	Sand & Dolomite				
			Dolomite				

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.

February 3, 1958

(Date)

Company or Operator: Shell Oil Company Address: Box 845, Roswell, New Mexico
Name: Rex C. Cabaniss Original Signed By: Rex C. Cabaniss Position or Title: District Exploitation Engineer