

R-37-E

(Revised 7/1/60)
(Form C-100)

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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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, Section on QUANTIFICATION. If State Land submit 6 Copies

Shell Oil Company
(Company or Operator)State of NM
(Lease)

Well No. 2, in NE 1/4 of NE 2, T. 25S, R. 37E, NMPM.

North Justis

Lea

County.

Well is 330 feet from north line and 1650 feet from east line of Section 2. If State Land the Oil and Gas Lease No. is B-1167.

Drilling Commenced May 29, 1962. Drilling was Completed June 20, 1962.

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

Address 3612 W. Wall St. Midland, Texas

Elevation above sea level at Top of Tubing Head 3170'. The information given is to be kept confidential until not confidential, 19.

OIL SAMPLE ZONES

No. 1, from 7153' to 7204' No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

OIL & WATER SAMPLES

Include data on rate of water inflow and elevation at each sample zone.

No. 1, from feet.
No. 2, from feet.
No. 3, from feet.
No. 4, from feet.

LOGS REMOVED

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	REASON FOR REMOVAL	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8"	48#	new	1000'				Surface
7 5/8" & 7"	20#, 23#, 26#	new & used	7290'	Guide		7153' - 7204'	Oil

MUDGING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METROS USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13 3/8"	1011'	600	Pump & Plug	Cemented to surface	
8 3/4"	7 5/8" & 7"	7300'	600	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of 1/2" or 3/4" balls used, interval treated or shot.)

Perforated 7153' - 7157', 7167' - 7174', 7181' - 7183', 7189' - 7191', 7196' - 7199', 7202' - 7204' w/1 JSPP (20 holes)

Treated w/4000 gallons 15% BHA.

Result of Production Stimulation On OPT pumped 122 BOPD + 1 BOPD w/12-74 BHA.

Depth Cleaned Out 7251'

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 7300 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing August 1, 1962

OIL WELL: The production during the first 24 hours was 123 barrels of liquid of which 99 % was oil; % was emulsion; 1 % water; and % was sediment. A.P.I. Gravity. 37.3 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 6325' (-3649')	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates 2362' (+81')	T. Simpson	T. Pictured Cliffs
T. 7 Rivers 2628' (+551')	T. McKee	T. Menefee
T. Queen 2941' (+238')	T. Ellenburger	T. Point Lookout
T. Grayburg 3347' (-163')	T. Gr. Wash	T. Mancos
T. San Andres 3606' (-427')	T. Granite	T. Dakota
T. Glorieta	T. Base Red Beds 390' (+2289')	Morrison
T. Drinkard 5905' (-2726')	T. Blinobry 5036' (-1857')	Penn
T. Tubbs 5733' (-2553')	T. Fusselman 7121' (-3942')	
T. Abo 6207' (-3023')	T.	
T. Penn	T.	
T. Miss	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	890	890	Red Beds, Sand, Shale, Caliche				
890	2362	1472	Dolomite, Shale w/some sand				
2362	3606	1244	Dolomite, Limestone, sand, Shale				
3606	5905	2299	Dolomite, Shale				
5905	6207	302	Dolomite, Silt, Shale				
6207	7300	1093	Dolomite w/some shale				

LIST OF DEVIATION SURVEYS

500' = 1/4 deg.	2335' = 2 1/2 deg.	4857' = 2 1/2 deg.	5910' = 3 deg.	7120' = 7 deg.
674' = 1/4 deg.	2340' = 1 3/4 deg.	5160' = 3 1/4 deg.	6100' = 4 deg.	7300' = 2 3/4 deg.
1011' = 2 deg.	3200' = 1 deg.	5393' = 3 3/4 deg.	6635' = 2 deg.	
1400' = 2 3/4 deg.	3433' = 1 deg.	5614' = 3 1/4 deg.	6773' = 1 1/2 deg.	
1700' = 2 1/2 deg.	3927' = 1 deg.	5768' = 3 deg.	6955' = 5 1/4 deg.	

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.

August 10, 1962

Company or Operator Shell Oil Company Address P. O. Box 1858, Roswell, New Mexico

Name M. E. Harrell Acting District Exploitation Engineer