

Santa Fe, New Mexico

N. R-37-E

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WELL RECORD

[illegible]

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

Black

AREA 640 ACRES
LOCATE WELL. CORRECTLY.

(Company or Operator)

(Lease)

Well No. NEW 4, in SE $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 21, T. 24-S, R. 37-E, NMPM.

Langlie Mattix

..Pool,Lea

Country.

Well is 5 feet from south line and 1340 feet from west line of Section 21. If State Land the Oil and Gas Lease No. is 7

Drilling Commenced **November 3**, 19**64** Drilling was Completed **November 11**, 19**64**

Name of Drilling Contractor..... **Ray Morris Drilling Company**

Address..... P. O. Box 3548, Odessa, Texas

Elevation above sea level at Top of Tubing Head..... 3240'..... The information given is to be kept confidential until
 Not confidential....., 19.....

OIL SANDS OR ZONES

No. 1, from to

No. 2, from to

No. 3, from to

No. 4, from to

No. 5, 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

CASING RECORD						
SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PURPOSE
7 5/8"		New	258'			Surface
4 1/2"	9.5#	New	3743'			
					3479'-3683'	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
9 5/8"	7 5/8"	265'	250	Pump & plug	Cemented to surface	
6 3/4"	4 1/2"	3752'	150	Pump & plug		

RECORD OF PRODUCTION AND STIMULATION

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

Treated with 300 gallons 15% MCA with Fe additive and with 3000 gallons NEA using ball sealers.
Perforated with one 3/8" jet shot: 3479', 3480', 3482', 3502', 3504', 3506', 3508', 3510', 3527', 3539', 3542', 3556', 3560', 3562', 3566', 3570', 3571', 3573', 3577', 3585', 3587', 3589', 3647', 3650', 3652', 3657', 3661', 3663', 3672', 3674', 3676', 3683'.

Result of Production Stimulation.

...Depth Cleaned Out.....3719'

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 3752' feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

Completed as a
water injection well

PRODUCTION

November 16, 1964

OIL WELL: The production during the first 24 hours was barrels of liquid of which % 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. 2830' (+417')	T. Simpson.	T. Pictured Cliffs.	
T. 7 Rivers. 3163' (+ 84)	T. McKee.	T. Menefee.	
T. Queen. 3496' (-249')	T. Ellenburger.	T. Point Lookout.	
T. Grayburg.	T. Gr. Wash.	T. Mancos.	
T. San Andres.	T. Granite.	T. Dakota.	
T. Glorieta.	T. Base red beds 1130' (+2117')	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
surface	265'	265'	Sand, red beds				
265'	858'	593'	Redbeds				
858'	1645'	787'	Redbeds, anhydrite, salt				
1645'	2431'	786'	Anhydrite, salt				
2431'	2831'	400'	Anhydrite, gyp, dolomite, lime				
2831'	3147'	316'	Anhydrite, lime, shale				
3147'	3318'	171'	Dolomite, lime, anhydrite				
3318'	3518'	200'	Dolomite, shale, lime				
3518'	3736'	218'	Lime, sand, dolomite				
3736'	3750'	14'	Lime - TD				

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 18, 1964

Company or Operator Shell Oil Company Address P. O. Box 1858, Roswell, New Mexico
Original Signed By V. L. KING V. L. King Acting Senior Exploitation Engineer