N. R-37-E

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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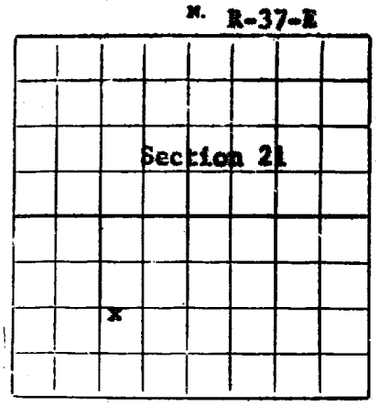
WELL RECORD



AREA 640 ACRES
LOCATE WELL CORRECTLY

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 (Company or Operator) Black (Lease)

Well No. ~~NE~~ 5, in SE ¼ of SW ¼, of Sec. 21, T. 24S, R. 37E, NMPM.

Langlie Mattix Pool, Lea County.

Well is 1300 feet from south line and 1340 feet from west line of Section 21. If State Land the Oil and Gas Lease No. is -

Drilling Commenced October 23, 1964 Drilling was Completed October 30, 1964

Name of Drilling Contractor Ray Morris Drilling Company

Address P. O. Box 3548, Odessa, Texas

Elevation above sea level at Top of Tubing Head 3230.5 The information given is to be kept confidential until not confidential, 19.....

OIL SANDS OR ZONES

No. 1, from ..... to ..... No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

No. 3, 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

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
7 5/8"	24#	New	264'				Surface
4 1/2"	9.5#	New	3731'	Guide		*	

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"	278'	250	Pump & plug	Cement to surface	
6 3/4"	4 1/2"	3741'	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 15% NEA using ball sealers.

* Perforated with one jet shot: 3468', 3470', 3474', 3489', 3491', 3508', 3510', 3522', 3524', 3538', 3539', 3546', 3550', 3552', 3556', 3562', 3564', 3566', 3568', 3569', 3574', 3575', 3577', 3623', 3626', 3629', 3636', 3638', 3639', 3648', 3651', 3655', 3657'

Result of Production Stimulation .....

.....

Depth Cleaned Out 3709'

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 3742 feet, and from ..... feet to ..... feet.

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

Completed as water injection well

PRODUCTION

~~Put to Producing~~ November 6, 1964

OIL WELL: The production during the first 24 hours was ..... barrels of liquid of which ..... % was 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	2807' (+430')	T. Simpson		T. Pictured Cliffs	
T. 7 Rivers	3143' (+ 94')	T. McKee		T. Menefee	
T. Queen	3487' (-250')	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	1140' (+2097')	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	281'	281'	Red bed				
281'	1129'	141'	Red bed, anhydrite				
1129'	1895'	766'	Anhydrite and salt				
1895'	2238'	343'	Anhydrite, salt				
2238'	2647'	409'	Anhydrite, salt				
2647'	2940'	293'	Anhydrite, shale, dolomite				
2940'	3159'	219'	Lime, shale, dolomite				
3159'	3346'	187'	Lime, dolomite, shale				
3346'	3533'	187'	Lime, dolomite, shale				
3533'	3712'	179'	Lime, sand, dolomite, shale				
3712'	3742'	30'	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 11, 1964
(Date)

Company or Operator SHELL OIL COMPANY Address P. O. Box 1858, Roswell, New Mexico

Original Signed By R. A. LOWERY — R. A. Lowery — District Exploitation Engineer