

T-16S N.

(Revised 7/1/58)  
(Form C-106)

L	K	J	I
H	G	F	E
D	C	B	A
X	Y	Z	
U	V	W	X

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## 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.

Shell Oil Company

State "TA"

(Company or Operator)

(Lease)

Well No. 4, in NW 1/4 of SW 1/4, of Sec. 3, T. -16S, R. -35E, NMPM.

Townsend-Wolfcamp

Pool,

Lea

County.

Well is 1650 feet from South line and 660 feet from West lineof Section 3. If State Land the Oil and Gas Lease No. is 2-6298Drilling Commenced 12-22, 19 53 Drilling was Completed 2-14, 19 54Name of Drilling Contractor Drilling and Exploration Co., Inc.Address 321 Central Building, Midland, TexasElevation above sea level at Top of Tubing Head 4025' The information given is to be kept confidential until  
Not Confidential, 19     

## OIL SANDS OR ZONES

No. 1, from 10,398 to 10,506 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
13-3/8	48	New	334				Surface String
8-5/8	32	New	4662	Baker			Salt String
5-1/2	15.25 & 17	New	10,533	Larkin		*	Oil String
2-3/8		New	10,513			10,484-10,492'	Tubing String

\* 10,398-10,422' and 10,438-10,506' 206

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4	13-3/8	350	300	Pump & Plug	Cntd. to Surface	
11	8-5/8	4677	2200	Pump & Plug	Cntd. to Surface	
7-7/8	5-1/2	10,548	350	Pump & Plug		

## RECORD OF PRODUCTION AND STIMULATION

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

ashed casing perfs. with 500 gallons Cardinal mud acid. Then treated with 1000 gallons

Cardinal Unisol 15% acid. Followed with 500 gallons gel and then treated with second

1000 gallons Unisol acid.

Result of Production Stimulation In 12 hours flowed 254 BO thru 20/64" choke.Depth Cleaned Out 10,525'

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 10,558' feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 2-19, 19.54

OIL WELL: The production during the first 24 hours was 508 barrels of liquid of which 99.8% was  
was oil; % was emulsion; 0.2% water; and % was sediment. A.P.I.  
Gravity 42.90 - GOR 1054.

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.	1800'	T. Devonian	T. Ojo Alamo
T. Salt	1900'	T. Silurian	T. Kirtland-Fruitland
B. Salt	2890'	T. Montoya	T. Farmington
T. Yates	3020'	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	3180'	T. McKee	T. Menefee
T. Queen	3875'	T. Ellenburger	T. Point Lookout
T. Grayburg		T. Gr. Wash	T. Mancos
T. San Andres	4650'	T. Granite	T. Dakota
T. Glorieta	6221'	T.	T. Morrison
T. Drinkard	Silt Zone 7343'	T. Wolfcamp	9603'
T. Tubbs		T. Wolfcamp W4 Marker	T.
T. Abo	8100'	T.	10,305'
T. Penn		T.	T.
T. Miss		T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	350	350	Surface Sands, Caliche and Red Beds				
350	1800	1450	Red Beds				
1800	3725	1925	Anhydrite & Salt				
3725	4617	892	Anhydrite				
4617	9090	4473	Dolomite				
9090	9245	155	Dolomite & Limestone				
9245	10,023	778	Limestone & Chert				
10,023	10,315	292	Limestone, Sand & Shale				
10,315	10,558	243	Limestone				
	10,558	Total	Depth				
	10,525	DOD					

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 23, 1954 (Date)  
Company or Operator Shell Oil Company Address P. O. Box 1957, Hobbs, New Mexico  
Original signed by Position or Title Division Exploitation Engineer  
Name B. Nevill