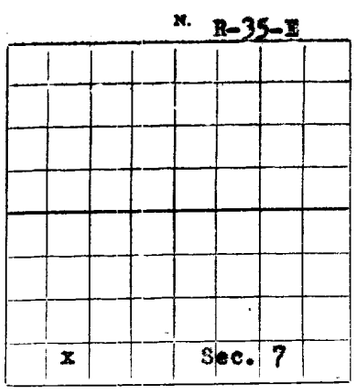

AREA 640 ACRES
LOCATE WELL CORRECTLY

(Revised 7/1/52)
(Form C-105)

RECEIVED
JAN 29 1954
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

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 (Company or Operator) State ED A (Lease)

Well No. 2, in SW ¼ of SW ¼, of Sec. & 7, T. 16S, R. 35E, NMPM.

Eidson-Pennsylvanian Pool, Lea County.

Well is 330 feet from south line and 947 feet from west line of Section 7. If State Land the Oil and Gas Lease No. is E-749

Drilling Commenced 10-15, 19 53 Drilling was Completed 1-1, 19 54

Name of Drilling Contractor R. L. McFarland

Address

Elevation above sea level at Top of Tubing Head 4050 (4059 DF) The information given is to be kept confidential until not confidential, 19

OIL SANDS OR ZONES

No. 1, from 10,712 to 10,734 No. 4, from to

No. 2, from 10,748 to 10,760 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	332	-	none		Water string
8 5/8"	32#	New	4662	Baker	none		Salt string
5 1/2"	17# 15.5#	New	10,747	Larkin	none	10,712-10,734	Oil string
2 3/8"	4.7#	New	10,746	Hung @ 10,755'		10,718-10,725	Tubing string

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 1/2"	13 3/8"	332	350	Pump & plug		
11"	8 5/8"	4674	3150	Pump & plug		
7 7/8"	5 1/2"	10,759	650	Pump & plug		

RECORD OF PRODUCTION AND STIMULATION

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

Treated thru casing perforations 10,712-10,734' w/2000 gals. 15% LST acid.

Result of Production Stimulation After recovering hole load flowed 509 BOPD.

Depth Cleaned Out 10,758

RECORD OF DRILL-STEM AND SPECIAL TEST

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 10,760 feet, and from ..... feet to ..... feet.

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

PRODUCTION

Put to Producing 1-26, 19 54

OIL WELL: The production during the first 24 hours was 509 barrels of liquid of which 99.8 % was was oil; - % was emulsion; - % water; and 0.2% was sediment. A.P.I. Gravity 40.7° API

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		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		T. Simpson		T. Pictured Cliffs	
T. 7 Rivers		T. McKee		T. Menefee	
T. Queen		T. Ellenburger		T. Point Lookout	
T. Grayburg		T. Gr. Wash		T. Mancos	
T. San Andres		T. Granite		T. Dakota	
T. Glorieta	6176' (-2117')	T.	Wolfcamp 9792' (-5733')	T. Morrison	
T. Drinkard	8111 Zone 7350' (-3291)	T.	Wolfcamp W$_4$ Marker	T. Penn	
T. Tubbs		T.	10,588' (-6529')	T.	
T. Abo	8127' (-4068')	T.		T.	
T. Penn		T.		T.	
T. Miss		T.		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	10,500	10,500	No samples taken				
10,500	10,760	260	Limestone & shale w/trace of chert				
	TD	10,760					

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.

1-28-54
(Date)

Company or Operator Shell Oil Company Address Box 1957, Hobbs, New Mexico

Name B. Nevill (Original signed by B. Nevill) Position or Title Division Exploitation Engineer

STATE EDA-2
EIDSON-PENNSYLVANIAN

January 28, 1954
Attachment to C-105

DRILL STEM TEST DATA

DST #1: 10,723-10,750' (27' Wolfcamp)

Tool open 2 hrs. thru 3/4" BC & 1" TC on 3 1/2" DS. Immediate good air blow. Gas to surface in 5 min. with strong blow that gradually decreased to weak @ end of test. RECOVERED: 200' (1.6 bbls.) clean 38° gravity oil & 450' (2.3 bbls.) very heavily oil & gas cut drilling mud. FBHP 350-225 psi. 30 min. SIBHP 550 psi. HMH 5150-5125 psi. Positive Test.

DST #2: 10,736-10,760' (24' Wolfcamp)

Tool open 2 hrs. & 40 min. thru 3/4" BC & 1" TC on 3 1/2" DS. Immediate strong air blow. Gas to surface in 4 min. Mud to surface in 73 min. Oil to surface in 80 min. Cleaned to pits for 20 min., then in one hour flowed 16 bbls. 38^0 gravity oil, average cut 0.2% drilling mud, no water (384 BOPD). GOR for last 30 min. flow = 1944. Dropped bar & reversed out oil & gas. Drill pipe volume 79 bbls. RECOVERED: 400' (2 bbls.) very heavily oil & gas cut drilling mud below circulating sub - no water. FBHP 400-1400-875 psi. 30 min. SIBHP 3450 psi. HMH 5225-5125 psi. Positive Test.