

R-37-1

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico AUG 25 1953

OIL CONSERVATION COMMISSION
HOBBS-OFFICE

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)

Pacific Royalty Co.

(Lease)

Well No. 2, in NE 1/4 of SE 1/4, of Sec. 10, T-15-S, R-37-E, NMPM.

Denton Wolfcamp Pool, Lea County.

Well is 1980 feet from south line and 330 feet from east line of Section 10. If State Land the Oil and Gas Lease No. is -

Drilling Commenced April 29, 1953. Drilling was Completed June 26, 1953.

Name of Drilling Contractor Company Tools - Rig # 14

Address Box 1509, Midland, Texas

Elevation above sea level at Top of Tubing Head 3803. The information given is to be kept confidential until not confidential, 19.

OIL SANDS OR ZONES

No. 1, from 9350' to 9480' 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 1/2	new	342'				Surface string
8 5/8"	32 1/2	new	4798'				Salt String
5 1/2"	15.54	new	9467'				Oil String
2 1/2"				Hang @ 5980'		9967' - 9976'	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 1/4"	13 3/8"	356'	375	Pump & Plug	Cemented to surface	
11"	8 5/8"	4800'	2500	Pump & Plug	Cemented to surface	
7 7/8"	5 1/2"	9480'	250	Pump & Plug	Top of cement @ 9450'	

RECORD OF PRODUCTION AND STIMULATION

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

Displaced water w/oil & washed perforations 9362' - 9370', 9353' - 9393' & 9418' - 9428' w/500 gallons mud acid.

Result of Production Stimulation In 24 hours pumped 246 BO / 2 BW. out 0.4% BW. w/11-64" SPN.

Depth Cleaned Out

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 10,993 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing August 18, 1953
OIL WELL: The production during the first 24 hours was 248 barrels of liquid of which 98.8% was oil; 0.4% was emulsion; 0.8% water; and % was sediment. A.P.I. Gravity 43.1 deg. COR 399
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	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 6352' (+3539')	T. Wolfcamp White Lins 9447'	T. Morrison	
T. Drinkard 9111 7480' (+3667')	T. (-5634')	T. Penn	
T. Tubbs	T.	T.	
T. Abo 8182' (-4369')	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	9,000	9000	No samples taken				
9000	9,450	450	Dolomite				
9450	9890	540	Limestone & Dolomite				
9990	10,993	1003	No samples, Drilled w/no returns				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

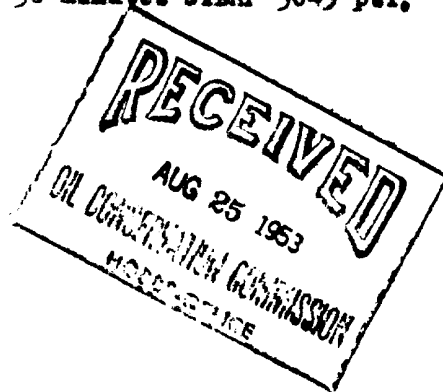
I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

August 20, 1953 (Date)
Company or Operator Shell Oil Company Address Box 1957, Hobbs, New Mexico
Name J. D. Savage J. D. Savage Position or Title Division Exploitation Engineer

Attachment for Form C-105

Pacific Royalty Co. # 2
Denton Wolfcamp Field

DST # 1 9281' - 9410' (129' Wolfcamp dolomite & limestone). Tool open 3 hours thru 1" TC & 1" BC on 3 1/2" DS. Immediate weak blow which increased to strong after 10 minutes & decreased to weak at end of test. GTS in 27 minutes. Pulled 6700' of dry drill pipe & found fluid. Drill pipe unloaded. Recovery estimated as 300' (2.2 bbls.) OAGCM + 2400' (16.8 bbls.) clean 43.5 deg. API gravity oil. FBHP 130 - 830 psi, 30 minutes SIBHP 3045 psi. HMH 4285 - 4485 psi. Positive Test.



CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

