

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company
(Company or Operator)

State "A"
(Lease)

Well No. 2, in SE 1/4 of SE 1/4 of Sec. 2, T. 11-S, R. 27-E, NMPM.
Kohel Pool, Lea County.
Well is 990 feet from south line and 830 feet from east line of Section 2. If State Land the Oil and Gas Lease No. is 2-562.
Drilling Commenced 11-16, 1932. Drilling was Completed 2-26, 1933.
Name of Drilling Contractor Arrow Drilling Company
Address 105 Hamilton Building, Odessa, Texas
Elevation above sea level at Top of Tubing Head 3940. The information given is to be kept confidential until not confidential, 19.

OIL SANDS OR ZONES

No. 1, from 11,690 to 11,749 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
2 1/8"	36	New	345'				Surface String
2 3/8"	38	New	4260'	Baker (washdown)			Ball String
3 1/2"	42	New	11,705'	Larkin (downhole)			Oil Casing
2 7/8"	6.3	New	4131'	Thurg 4140'		4099 - 4125'	Tubing String

* 11,690 - 11,696' and 11,696 - 11,711'

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
2 1/4"	2 3/8"	300'	390	Pump & Plug	Cemented to surface	
2 1/2"	2 3/8"	4277'	3000	Pump & Plug	Cemented to surface	
2 7/8"	3 1/2"	11,717'	390	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Treated open hole interval 11,717 - 11,749' with 1500 gallons 15% LST acid. Perforated 3 1/2" casing 11,690 - 11,696' and 11,696 - 11,711' with 4 - 1/2" holes per foot. Spotted 100 gallons Form-Jel in 4 3/4" hole, treated open hole and thru casing perforations with 2500 gallons 15% LST acid. Repurforated 3 1/2" casing 11,690 - 11,696' and 11,696 - 11,711' with 4 - 21 grain jet shots per foot. Spotted 250 gallons Jelly-Seal in open hole and treated open hole and thru casing perforations with 2500 gallons intensified LST acid.
Result of Production Stimulation
Depth Cleaned Out.

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 11,749 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing March 29, 1953
OIL WELL: The production during the first 24 hours was 307 barrels of liquid of which 77.5% was oil; % was emulsion; % water; and 0.3% was sediment. A.P.I. Gravity 42.1° API 17.5
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	11,650 (-7701')
T. Salt.		T. Silurian	
B. Salt.		T. Montoya	
T. Yates		T. Simpson	
T. 7 Rivers		T. McKee	
T. Queen		T. Ellenburger	
T. Grayburg		T. Gr. Wash	
T. San Andres		T. Granite	
T. Glorieta	9670 (-1741')	T. Alfalfa	8940 (-4991')
T. Drinkard	418 6980 (-3031')	T.	
T. Tubbs		T.	
T. Abo	7685 (-3736')	T.	
T. Penn.	9446 (-3567')	T.	
T. Miss.	11,168 (-7813')	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	20	20	Surface Sands and Cal.				
20	340	340	Caliche and Red Beds				
340	2220	1880	Red Beds				
2220	2830	610	Anhydrite				
2830	3395	565	Anhydrite & Salt				
3395	5735	2400	Anhydrite & Gypsum				
5735	4276	1441	Anhydrite				
4276	8981	4705	Dolomite				
8981	9353	372	Dolomite, Lime & Shale				
9353	9674	321	Lime and Shale				
9674	10,587	913	Lime				
10,587	10,643	56	Lime, Shale & Chert				
10,643	10,949	306	Lime and Shale				
10,949	11,349	400	Lime, Shale & Chert				
11,349	11,650	301	Shale				
11,650	11,749	99	Dolomite				

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.

March 31, 1953

Company or Operator Shell Oil Company
Name J. D. Savage
ORIGINAL SIGNED BY J. D. SAVAGE
Address J. D. Box 1957, Hobbs, New Mexico
Position or Title Division Exploitation Engineer