

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 QUINTUPPLICATE.

Aztec Oil and Gas Company (Company or Operator) State "E-27" (Lease)
Well No. 1, in SW 1/4 of SW 1/4, of Sec. 27, T. 20S, R. 36E, NMPM.
Farmout Pool, Lea County.
Well is 660 feet from South line and 660 feet from West line of Section 27. If State Land the Oil and Gas Lease No. is E - 5146.
Drilling Commenced February 11, 1955. Drilling was Completed March 1, 1955.
Name of Drilling Contractor Makin Drilling Company
Address Hobbs, New Mexico
Elevation above sea level at Top of Formation KDB 3609. The information given is to be kept confidential until , 19.

OIL SANDS OR ZONES

No. 1, from 3790 to 3830 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
8-5/8	21#	New	326	Guide			Surface
5-1/2	11#	New	3989	Float		3790 - 3830	Production
2" FUE	4.70#	New	3709				Tubing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11	8-5/8	326	280	Halliburton		
7-7/8	5-1/2	3989	550	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

500 Gallons mud acid and 10,000 gallons sand-oil thruout perforations 3790 - 3830

Result of Production Stimulation 126 B/D GOR 9210

Depth Cleaned Out 3950

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 3993 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing March 1, 1955
OIL WELL: The production during the first 24 hours was 126 barrels of liquid of which % was oil; % was emulsion; 0 % water; and % was sediment. A.P.I. Gravity 34 GOR 9210 (4 hour test)
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):

Electric Log Tops		Southeastern New Mexico	Northwestern New Mexico
T. Anhy.	1713	T. Devonian	T. Ojo Alamo
T. Salt	1830	T. Silurian	T. Kirtland-Fruitland
B. Salt	3152	T. Montoya	T. Farmington
T. Yates	3478	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	3786	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		T.	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
0	326	326	Surface rocks				
326	1713	1387	Red beds				
1713	1830	117	Anhydrite				
1830	3152	1322	Salt				
3152	3230	78	Anhydrite and red shale				
3230	3330	100	Anhydrite, red shale, and lime				
3330	3450	120	Anhydrite, red shale, lime, and dolomite				
3450	3530	80	Anhydrite, red shale, and lime				
3530	3865	335	Anhydrite, red shale, lime, and dolomite				
3865	3993	128	Dolomite, red shale, traces of lime.				
DST #1: 3692 - 3790 To 30 min., rec 255' mud.							
DST #2: 3790 - 3867 To 1 hr., rec 300' mud.							
DST #3: 3865 - 3990 To 30 min., rec 125' mud.							

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 25, 1955
(Date)

Company or Operator Astec Oil and Gas Company Address Box 847 Hobbs, New Mexico
Name Prentice R. Watts, Jr. Position or Title Dist. Supt.