

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. If State Land submit 6 Copies


AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Astec Oil & Gas Company**  
(Company or Operator)

**Culpepper-Martin**  
(Lease)

Well No. **8**, in **SE**  $\frac{1}{4}$  of **SW**  $\frac{1}{4}$ , of Sec. **19**, T. **32-N**, R. **12-W**, NMPM.  
**Blanco** Pool, **San Juan** County.

Well is **990** feet from **South** line and **1630** feet from **West** line  
of Section **19**. If State Land the Oil and Gas Lease No. is **- -**

Drilling Commenced **March 21,** 19 **58** Drilling was Completed **April 26,** 19 **58**

Name of Drilling Contractor **H. B. Lynn Drilling Corporation**

Address **701 East Drive, Farmington, New Mexico**

Elevation above sea level at Top of Tubing Head **5908 D.F.** The information given is to be kept confidential until **Non-confidential**, 19 **- -**

OIL SANDS OR ZONES

No. 1, from **4614** to **4696 Gas** 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
<b>10 3/4</b>	<b>32.75</b>	<b>New</b>	<b>161'</b>				
<b>7 5/8</b>	<b>26.40</b>	<b>"</b>	<b>4465'</b>	<b>HOMCO</b>			
<b>5 1/2</b>	<b>16.00</b>	<b>"</b>	<b>539'</b>	<b>Burns</b>		<b>4614-96</b>	
<b>2 3/8</b>	<b>6.70</b>	<b>"</b>	<b>4601'</b>			<b>4660-70</b>	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>13 3/4</b>	<b>10 3/4</b>	<b>172'</b>	<b>125</b>	<b>Displacement</b>		
<b>9 7/8</b>	<b>7 5/8</b>	<b>4475'</b>	<b>175</b>	<b>Two-Plug</b>		
<b>6 3/4</b>	<b>5 1/2</b>	<b>4899'</b>	<b>60</b>	<b>Two-Plug</b>		
	<b>2 3/8</b>	<b>4692'</b>				

RECORD OF PRODUCTION AND STIMULATION

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

**Shut-in water free with 50,000# sand, 1200 bbls. water, flushed with 260 bbls water.**

**SEP 1800#, Treating Pressure 1000# - pressure rose to 1500# after injecting 30**

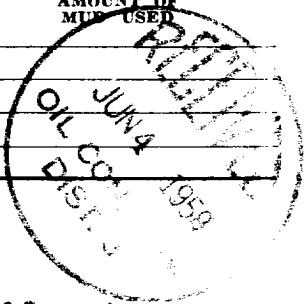
**balls - increased to 2500# after injecting 25 additional balls. Final Pressure**

**300# - Injection Rate <sup>5012</sup> 32-8 bps.**

Result of Production Stimulation **3 I GP 1052#, 3 IT F 1060#, Volume through 3/4" choke 2842 MCF,**

**FOP 474#, FEP 173#, A.O.P. 2441 MCF**

Depth Cleaned Out **4826'**



# 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 4099 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing April 30, 1958

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity.

GAS WELL: The production during the first 24 hours was AOP 3441 M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in 7 days

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

### Southeastern New Mexico

T. Anhy.  
T. Salt.  
T. Salt.  
T. Yates.  
T. 7 Rivers.  
T. Queen.  
T. Grayburg.  
T. San Andres.  
T. Glorieta.  
T. Drinkard.  
T. Tubbs.  
T. Abo.  
T. Penn.  
T. Miss.

T. Devonian.  
T. Silurian.  
T. Montoya.  
T. Simpson.  
T. McKee.  
T. Ellenburger.  
T. Gr. Wash.  
T. Granite.  
T.  
T.  
T.  
T.  
T.  
T.

### Northwestern New Mexico

T. Ojo Alamo.  
T. Kirtland-Fruitland 1690  
T. Farmington 2155  
T. Pictured Cliffs 4078  
T. Menefee 4604  
T. Point Lookout.  
T. Mancos.  
T. Dakota.  
T. Morrison.  
T. Penn.  
T. Cliff House 3822  
T.  
T.  
T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	15	15	Limestone	4089	4164	75	Shale w/Coal Streaks
15	43	28	Boulders	4164	4207	43	Shale, Coal, Sandy
43	110	67	Sand and Rocks	4207	4385	118	Sand and Shale
110	185	75	Limestone	4385	4393	68	Shale
185	230	45	Shale	4393	4899	506	Sand and Shale
230	343	113	Sand and Shale				
343	471	128	Shale				
471	557	86	Sand and Shale				
557	665	108	Sandstone and Shale				
665	832	167	Sandy Shale				
832	3845	2413	Sand and Shale				
3845	3387	82	Shale				
3387	4002	675	Sand and Shale				
4002	4010	8	Sand				
4010	4089	79	Sand and Shale				

### OIL CONSERVATION COMMISSION

#### AZTEC DISTRICT OFFICE

No. Copies Received 5

#### DISTRIBUTION

	NO. FURNISHED	
Operator	1	
Santa Fe	1	
Proration Office		
State Land Office		
U. S. G. S.	2	
Transporter		
File	1	✓

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.

May 26, 1958

Company or Operator AZTEC OIL & GAS COMPANY

Address P O Box 786, Farmington, New Mexico

Name Joe C. Salmons

Position or Title District Superintendent