



AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

103 APR 20 PM 3:23

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.

Astec Oil and Gas Company State "N-M" (Company or Operator) (Lease)

Well No. 1, in NE 1/4 of N 1/4, of Sec. 33, T. 20S, R. 36, NMPM. Pool, Lea County.

Well is 660 feet from North line and 1980 feet from West line of Section 33. If State Land the Oil and Gas Lease No. is 111271-2

Drilling Commenced March 23, 1955. Drilling was Completed April 2, 1955

Name of Drilling Contractor: Mokin Drilling Company

Address: Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head: 3605 RUD. The information given is to be kept confidential until 19...

OIL SANDS OR ZONES

No. 1, from 3854 to 3882. No. 2, from ... to ... No. 3, from ... to ... No. 4, from ... to ... No. 5, 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 None 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	24	New	330	Guide			Surface
5-1/2	24	New	3919	Fleet		3854-3882	Production
2" O.D.	4.70	New	3611			3804-3611	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
12-1/2	8-5/8	330	280	Halliburton		
7-7/8	5-1/2	3919	1100	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Treated with 500 gallons mud acid followed by 10,000 gallons oil and 10,000 pounds sand.

Result of Production Stimulation: 11 722 1/1, 000 300, 1/2" choke

Depth Cleaned Out: 3929-3880

**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 3919 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

**PRODUCTION**

Put to Producing April 4, 19 55.

OIL WELL: The production during the first 7 hours was 217 barrels of liquid of which 100 % was oil; \_\_\_\_\_ % was emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % was sediment. A.P.I. Gravity 33 GR 300 CP/B

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):

<b>Electric Log Tops:</b>		<b>Southeastern New Mexico</b>	<b>Northwestern New Mexico</b>
T. Anhy.....	<u>1800</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	<u>1970</u>	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	<u>3316</u>	T. Montoya.....	T. Farmington.....
T. Yates.....	<u>3632</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	<u>3854</u>	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	330	330	Surface rocks				
330	1810	1480	Red beds				
1810	1970	160	Anhydrite				
1970	3316	1346	Salt				
3316	3551	225	Lime, anhydrite, red shale, dolomite, sand				
3551	2741	210	Lime, anhydrite, dolomite, red shale				
3741	3850	109	Lime, anhydrite, dolomite, sand, brown shale				
3850	3919	79	Lime, dolomite, sand, brown shale				
		<u>3919</u>	Total depth				
DST #1: 3765 to 3844, Open 45 minutes, recovered 90' sand. No show of oil or gas. PP 55 psi. SIP 55 psi.							

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.

Company or Operator Astec Oil and Gas Company Francisco M. Watts, Jr. Address Box 817 Hobbs, New Mexico (Date) April 11, 1955  
 Name \_\_\_\_\_ Position or Title \_\_\_\_\_