



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

Astec Oil & Gas Company

(Company or Operator)

State E-3

(Lease)

Well No. 1, in SW ¼ of NW ¼, of Sec. 3, T. 19S, R. 37E, NMPM.

Esment Pool, Lea County.

Well is 206 1/2' feet from North line and 660' feet from West line of Section 3. If State Land the Oil and Gas Lease No. is E-9122

Drilling Commenced February 10, 19 56. Drilling was Completed February 29, 19 56.

Name of Drilling Contractor Makin Drilling Company

Address Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3681' (3687' KDB). The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 2840' to 2910' No. 4, from _____ to _____
 No. 2, from 2930' to 2950' No. 5, from _____ to _____
 No. 3, from 3882' to 3954' 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 tested 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 Set @	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
<u>8-5/8"</u>	<u>24#</u>	<u>New</u>	<u>345'</u>				<u>Surface</u>
<u>5-1/2"</u>	<u>14#</u>	<u>New</u>	<u>4004'</u>	<u>Float</u>		<u>3882' - 3954'</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12-1/4"</u>	<u>8-5/8"</u>	<u>345'</u>	<u>330</u>	<u>Halliburton</u>		
<u>7-7/8"</u>	<u>5-1/2"</u>	<u>4004'</u>	<u>675</u>	<u>Halliburton</u>		

RECORD OF PRODUCTION AND STIMULATION

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

Perforations 3882' - 3954' treated with 500 gallons mud acid followed by 20,000 gallons sand-oil fracture treatment.

Result of Production Stimulation No test prior to treatment. IP 305 B/D. TP 400 psi, CP 1000 psi.

GOR 1000.

Depth Cleaned Out 3990'

RI RD 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 surface feet to 4004 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing March 8, 1956

OIL WELL: The production during the first 24 hours was 305 barrels of liquid of which 100 % was
 was oil; none % was emulsion; none % water; and _____ % was sediment. A.P.I.
 Gravity _____ **GOR 1000.**

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):
 (Tops from GR/N Logs) Southeastern New Mexico Northwestern New Mexico

T. Anhy..... <u>1612'</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt..... <u>1718'</u>	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt..... <u>2680'</u>	T. Montoya.....	T. Farmington.....
T. Yates..... <u>2869'</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers..... <u>3340'</u>	T. McKee.....	T. Menefee.....
T. Queen..... <u>3638'</u>	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'	1450'	1450	Red bed and sand				
1450'	1612'	162	Anhydrite and red shale				
1612'	1718'	106	Anhydrite				
1718'	2690'	962'	Salt and anhydrite				
2680'	2869'	189	Anhydrite, dolomite, and sand				
2869'	3638'	769	Anhydrite and dolomite				
3638'	4004'	366	Dolomite, sand, and anhydrite				
	4004'		TD				

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 15, 1956
(Date)

Company or Operator..... Astec Oil & Gas Company Address..... P. O. Box #247, Hobbs, New Mexico

Name..... [Signature] Position or Title..... District Superintendent