

October 19, 1962

DEVIATION REPORT ON ASTEC OIL & GAS COMPANY
STATE NO. 9
SECTION #2-218-37E
LEA COUNTY, NEW MEXICO

DEPTH	DEVIATION
1180'	1 1/4°
1490'	0°
1810'	1/2°
1995'	1/2°
2130'	1/2°
2450'	0°
2900'	3/4°
3005'	1/2°
3310'	1/4°
3645'	1/2°
3780'	1/2°
4570'	3°
5000'	2 1/4°
5200'	2°
5625'	2°

Total
Depth 5780'

Cable tools used
to 4448'. Rotary
used from 4448'
to total depth.

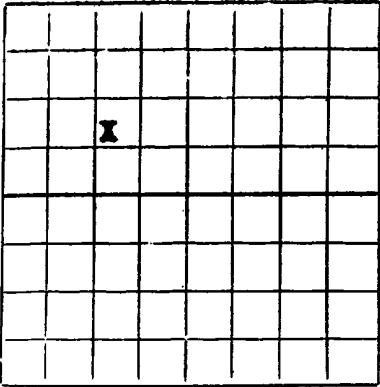
Signed John Elliott
John Elliott
District Geologist

State Of New Mexico
County Of Lea

Before me the undersigned authority, on this day personally appeared John Elliott known to me to be the person whose name is subscribed to the above instrument who, being by me duly sworn that said report is true and correct.

Subscribed and sworn to before me this 22 day of October 1962.

W. H. Vaughan Notary Public in and for Lea County, New Mexico
W. H. Vaughan
My Comm. expires 10/24/65



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

Aztec Oil & Gas Company

State

(Company or Operator)

(Lease)

Well No. 9, in SE 1/4 of NW 1/4, of Sec. 2, T. 21S, R. 37E, NMPM.

Wildcat

Pool,

Lea

County.

Well is 1973 feet from North line and 1650 feet from West line

of Section 2-21S-37E. If State Land the Oil and Gas Lease No. is B-11613

Drilling Commenced April 25, 1962 Drilling was Completed June 5, 1962

Name of Drilling Contractor Cactus Drilling Company & Moran Drilling Company

Address Both in Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3515 KB. The information given is to be kept confidential until , 19

OIL SANDS OR ZONES

No. 1, from 2956 to (Gas) No. 4, from to

No. 2, from 4050 to (Gas) 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 4115 to 4120 feet. 1 Bailer per hour

No. 2, from 4280 to 4290 feet. 300' in hole

No. 3, from 4410 to 4415 feet. 700' in hole

No. 4, from 4445 to 4448 feet. 1400' in hole

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8	48	New	326	Guide			Surface
4 1/2	9.5	New	5682	Packer		Open hole 5682-5780'	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2	13 3/8	326	335	Pump		
7 7/8	4 1/2	5682	570	Pump	42	150 ex

RECORD OF PRODUCTION AND STIMULATION

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

Acidized open hole from 5682-5780' w/500 gallon mud acid & 2500 gallon reg acid.

Tested 400 MCFGPD. Reacidize /10,000 gallon retarded acid.

Result of Production Stimulation

Flow 730 MCFGPD absolute open flow

Depth Cleaned Out 5780'

RECORD OF DRILL-STEM AND SPECIAL STS

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 4448 feet to 5780 feet, and from 0 feet to 1425 feet.
 Cable tools were used from 1425 feet to 4448 feet, and from feet to feet.

PRODUCTION

Put to Producing No gas connection yet, 19
 OIL WELL: The production during the first 24 hours was barrels of liquid of which % was
 was oil; % was emulsion; % water; and % was sediment. A.P.I.
 Gravity
 GAS WELL: The production during the first 24 hours was 730 M.C.F. plus None barrels of
 liquid Hydrocarbon. Shut in Pressure 1200 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.	<u>1420</u>		T. Devonian		T. Ojo Alamo
T. Salt	<u>1524</u>		T. Silurian		T. Kirtland-Fruitland
B. Salt	<u>2555</u>		T. Montoya		T. Farmington
T. Yates	<u>2722</u>		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	<u>3544</u>		T. McKee		T. Menefee
T. Queen	<u>4087</u>		T. Ellenburger		T. Point Lookout
T. Grayburg	<u>4087</u>		T. Gr. Wash.		T. Mancos
T. San Andres	<u>5337</u>		T. Granite		T. Dakota
T. Glorieta			T. <u> </u>		T. Morrison
T. Drinkard			T. <u> </u>		T. Penn.
T. Tubbs			T. <u> </u>		T. <u> </u>
T. Abo			T. <u> </u>		T. <u> </u>
T. Penn.			T. <u> </u>		T. <u> </u>
T. Miss.			T. <u> </u>		T. <u> </u>

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
<u>0</u>	<u>1420</u>		<u>Redbeds</u>				<u>Core # 1</u>
<u>1420</u>	<u>1524</u>		<u>Anhydrite</u>				<u>5725-76'</u>
<u>1525</u>	<u>2555</u>		<u>Salt</u>				
<u>2555</u>	<u>4050</u>		<u>Ang, Shale, sand & Dolo</u>				<u>Rec. 51'</u>
<u>4050</u>	<u>5780</u>		<u>Dolo, sand & shale</u>				<u>Sand and dolo.</u>
			<u>T.D. 5780'</u>				<u>Scattered shows of gas & oil.</u>

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 Aztec Oil & Gas Company Address Box 847, Hobbs, New Mexico
 Original Signed By John Elliott Position District Geologist
 Name John Elliott Date 10-16-62