



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

1957 MAR 21 AM 10:29

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

Burke

(Company or Operator)

(Lease)

Well No. 4, in NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec 28, T. 19, R. 37, NMPM.

Eumont

Pool,

Lga

County.

Well is 660 feet from North line and 330 feet from East line

of Section 28. If State Land the Oil and Gas Lease No. is

Drilling Commenced January 26, 1957 Drilling was Completed March 8, 1957

Name of Drilling Contractor Makin Drilling Co.

Address Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3589 (3598 KDB) The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3761 to 3768 No. 4, from 3855 to 3865

No. 2, from 3774 to 3788 No. 5, from 3875 to 3904

No. 3, from 3809 to 3819 No. 6, from 3875 to 3904

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 3761 to 3768 feet.

No. 2, from 3774 to 3788 feet.

No. 3, from 3809 to 3819 feet.

No. 4, from 3855 to 3865 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	370	Guide			Surface
5 1/2	14	New	3949	Float		3761-3768	Production
						3774-3788	
						3809-3819	
						3855-3865	
						3875-3904	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/4	8 5/8	370	230	Plug		
7 7/8	5 1/2	3949	750	Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Perf. 3809-3819, 3855-3865, and 3875-3904. Acidized w/1000 gals mud acid. Sand-oil frac'd w/15,000 gals oil, 14,000# sd. Swab dry. Acidized 3809-3819 w/400 gals; acidized 3855-3865 and 3875-3904 w/400 gals. Frac'd all perfs. w/13,500 gals oil, 13,500# sd, 90 ball sealers, 200# moth balls. Swab tested 3 BO/hr. Small amount of gas. Perf. 3761-3768, 3774, and 3788. Set retrievable plug at 3796. Frac'd w/10,000 gals oil, 10,000# sd. Pulled plug, IP flowed 95 B/D 22/64" choke. TP 250 psi.

Result of Production Stimulation

Depth Cleaned Out

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

Rotary tools were used from 0 feet to 3950 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Put to Producing.....**March 1**, 19**57**

OIL WELL: The ~~production during the last 24 hours was~~ ⁹⁵ ~~production during the last 24 hours was~~ ¹⁰⁰ 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.....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):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.....	1370	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	1488	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	2567	T. Montoya.....	T. Farmington.....
T. Yates.....	2706	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	2932	T. McKee.....	T. Menefee.....
T. Queen.....	3546	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....	T. Mancos.....
T. San Andres.....		T. Granite.....	T. Dakota.....
T. Glorieta.....		T. Panrose	T. Morrison.....
T. Drinkard.....			T. Penn.....
T. Tubbs.....			T.
T. Abo.....			T.
T. Penn.....			T.
T. Miss.....			T.

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1350	1350	red beds				
1350	1488	138	anhy				
1488	2567	1079	salt and anhy				
2567	3500	933	anhy and dole				
3500	3950	450	dole, sd, anhy				

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 20, 1957

Astec Oil & Gas Company
Company or Operator.....
Original Signed By
Name..... P. R. WATTS, JR.

Box 847, Hobbs, New Mexico (Date)
Address.....
Position or Title..... District Superintendent