

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

Marathon Oil Company

(Company or Operator)

State Warr A/C 3

(Lease)

Well No. 5, in SE $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 33, T. 17-S, R. 35-E, NMPM.

Undesignated Gloriotta & Abe

Pool,

Lea

County.

Well is 2310' feet from north line and 330' feet from east lineof Section 33. If State Land the Oil and Gas Lease No. is No. 387Drilling Commenced 5-28-63, 19..... Drilling was Completed 6-27-63, 19.....Name of Drilling Contractor A. W. ThompsonAddress Midland, TexasElevation above sea level at Top of Tubing Head 3950' KB The information given is to be kept confidential until
....., 19.....

OIL SANDS OR ZONES

No. 1, from 6097 to 6120 (Gloriotta-oil) No. 4, from..... to.....No. 2, from 8705 to 8905 (Abe-oil) 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
13-3/8"	48#	New	386	Guide			Surface
9-5/8"	40 & 43.5#	New	3300	Guide			Intermediate
5-1/2"	17#	New	9038	Guide			Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8"	386	315	2-plug		
12-1/4"	9-5/8"	3300	2000	2-plug		
7-5/8"	5-1/2"	9038	780	2-plug		

RECORD OF PRODUCTION AND STIMULATION

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

Gloriotta (6097-6120)- Treated with 20,000 gals. dolo. frac acid and 1000 ft³ CO₂ per bbl. and 5000 gals. DS-30 acid in 9 stages. First stage 1000 gals. and 8 - 500 gal. stages with 8 RCN balls after each stage.

Abe (8705-8905)- Treated with 250 gals. Spearhead acid and with 5000 gals. DS-30 acid in 9 stages with 8 RCN balls after each stage.

Result of Production Stimulation. Gloriotta flowed 115.05 BO and 11.70 BW in 20-1/2 hrs. on 12/64" ohk. CP Packer, TP 225. Abe flowed 48.30 BO and 13.80 BW in 24 hrs., FTP 0 - 170, CP 660-710, on intermittent gas flow.

Depth Cleaned Out 2,040' TD
8,994' FBTD

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 9.10' feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Put to Producing.....**4-1-61**....., 19.....

OIL WELL: The production during the first 24 hours was 126.75 barrels of liquid of which 92 % was oil; 0 % was emulsion; 8 % water; and 0 % was sediment. A.P.I. Gravity 37.5° API at 60°F 150 (24 hrs.) 62.10 wh. fluid 775 oil, 0 % emulsion, 8 % water 0 % sediment.

GAS WELL: The production during the first 24 hours was.....barrels of liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....1.....

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

Northwestern New Mexico

T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	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.

From	To	Thickness in Feet	Formation
0	3308	3308	Red Beds and Ashy
3308	5635	2333	Ss and Ls
5635	6240	605	Dolo and Ls
6240	9040	2800	Lime
TOTAL DEPTH		9040	

From	To	Thickness in Feet	Formation
			SLIC. LOG TOPS: Yates 2846 (+110h) Queen 3740 (+208) San Andres 4414 (-46h) Charlotte 5700 (-2030) Abn Reef 8682 (-473E) Base Abn Reef 8970 (-5020)
			== 3950' AB
			Packdrifter - 6000
			Bleed - 6000
			Bleeding water - 5700
			Tu - 7614

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.

August 23, 1963

Marathon Oil Company
Company or Operator.....
Name..... *Charles A. Peters*

Box 220, Hobbs, New Mexico (Date)
Address
Asst. Supt.
Post Office