



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

FEB 10 PM 3 01

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

Marathon Oil Company State McDonald A/C 1 NPM
(Company or Operator) (Lease)
Well No. 29, in 1/4 of 1/4 of Sec. 24, T. 22 S., R. 36 E., NMPM.
South Embo Pool, Lea County.
Well is 1980 feet from South line and 660 feet from West line
of Section 24. If State Land the Oil and Gas Lease No. is A-2614.
Drilling Commenced 3-6-62, 19. Drilling was Completed 3-15-62, 19.
Name of Drilling Contractor Blue Pacific Drilling Company
Address Box 832, Midland Tower Building, Midland, Texas
Elevation above sea level at Top of Tubing Head 3167' DF. The information given is to be kept confidential until
, 19.

OIL SANDS OR ZONES

No. 1, from 3794 to 3796 No. 4, from to
No. 2, from to 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
8 5/8"	24 #	New	432.50	Guide Shoe			Surface
4 1/2"	9.5#	New	3813.06	Guide Shoe			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
11"	8 5/8"	432.50	225	2-Plug		
7 7/8"	4 1/2"	3813.06	750	2-Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Treated Queen perforations 3794-96 with 10,000 gals. lease oil with 1 1/2# sand per gal and 1/20# Adomite per gal. Injected 30,000 SCF Nitrogen with 16,000 gals. oil and 24,000# sand in five stages thru perforations 3719-21, 3737-39, 3747-49, 3754-56. Later injected 30,000 SCF nitrogen. Treated Queen section with 10,000 gals. Nitrified lease oil with 1/20th# Adomite per gal. & 15,000# sand and 500 gals. Spearhead acid in three stages.

Result of Production Stimulation Well Temporarily Shut in.

Depth Cleaned Out 3818'

RECORD OF DRILL-STEM AND SPECIAL TS

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 3018 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing: Temporarily Shut-in 4-25-62, 1962

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 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.	1127' (4010)		T. Devonian		T. Ojo Alamo
T. Salt	1608' (4365)		T. Silurian		T. Kirtland-Fruitland
B. Salt	2123' (4014)		T. Montoya		T. Farmington
T. Yates	2998' (4469)		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	3271' (4476)		T. McKee		T. Menefee
T. Queen	3679' (4822)		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	1293	1293	Red bed				
1293	1567	274	Red bed, anhydrite				
1567	1907	340	Anhydrite				
1907	2510	603	Anhydrite, salt				
2510	3018	508	Anhydrite				
3018	3828	810	Lime				
DIST:							
ENCL:							
Commissioner of Public Lands							
L. H. Sherrer							
J. A. Grimes							
T. A. Steele							
D. V. Hitley							
J. R. Barber							

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.

February 15, 1963 (Date)
Company or Operator: Marathon Oil Company Address: Box 2107, Hobbs, New Mexico
Name: Position: Asst. Supt.