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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDRY NOTICES AND REPORTS ON WELLS <small>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)</small>		5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		5. State Oil & Gas Lease No.
2. Name of Operator Marathon Oil Company		7. Unit Agreement Name
3. Address of Operator P. O. Box 2409, Hobbs, New Mexico 88240		8. Farm or Lease Name Warn State A/C 1
4. Location of Well UNIT LETTER <u>F</u> <u>2122</u> FEET FROM THE <u>North</u> LINE AND <u>2227</u> FEET FROM THE <u>West</u> LINE, SECTION <u>31</u> TOWNSHIP <u>17S</u> RANGE <u>35E</u> NMPM.		9. Well No. 5
15. Elevation (Show whether DF, RT, GR, etc.) DF 3988'; GL 3979'		10. Field and Pool, or Wildcat Vacuum (Glorieta)
12. County Lea		

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:	
REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOBS <input type="checkbox"/>	Well Status <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- Status: Temporarily Abandoned
- Date T.A. Commenced: May 1971
- Reason for T.A.: Hydrocarbon reserves in completion interval depleted.
- Future Plans: Workover
- Approximate date of any future workover or P&A: Last half 1975.

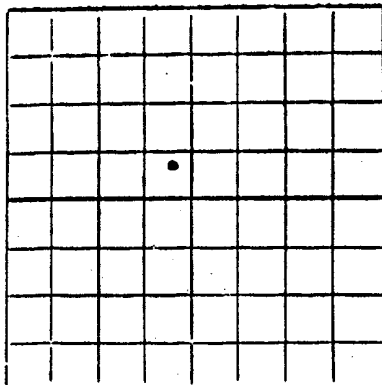
Expires 11/1/75

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED *ML Johnston* TITLE Petroleum Engineer DATE November 8, 1974

APPROVED BY Joe D. Ramsey TITLE Dist. I, Supv. DATE

CONDITIONS OF APPROVAL, IF ANY:



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 Warn, A/C 1

(Lease)

Well No. 5, in SE 1/4 of NW 1/4, of Sec. 31, T. 17 S., R. 35 E., NMPM.

Vacuum Glorieta

Pool,

Lea

County.

Well is 2122 feet from N line and 2227 feet from W line of Section 31. If State Land the Oil and Gas Lease No. is 387.

Drilling Commenced 8-27-64, 19. Drilling was Completed 9-16-64, 19.

Name of Drilling Contractor Lowe Drilling Co.

Address Midland, Texas

Elevation above sea level at Top of Tubing Head 3979.5'. The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 6033' to 6074' 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
7"	23#	New	1499'	Guide	-	-	Surface casing
4-1/2"	9.5#	Used	16'	(-		
4-1/2"	9.5#	New	5689'	(Guide	-	6033 - 6074'	Production csg
4-1/2"	11.6#	New	558'	(-		

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
9-7/8"	7"	1503'	650	2 Plug		
6-3/4"	4-1/2"	6245'	1000	2 Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Treated formation through 4-1/2" casing perforations with 2000 gallons Spearhead acid from 6039-6061'. Retreated same interval with 8000 gallons chemical retarded acid.

Treated formation 6033-6074' with 1000 gal. BDA acid and 20,000 gallons acid frac and 17,000# sand, thru 4-1/2" casing perforations.

Result of Production Stimulation Well pumped 49.76 barrels oil and 37.54 barrels water in 24 hrs at 13.5 - 48" SPM.

Depth Cleaned Out 6218'

RECORD OF DRILL-STEM AND SPECIAL TESTS

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 6250 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing October 2, 1964
OIL WELL: The production during the first 24 hours was 87.30 barrels of liquid of which 57% was oil; % was emulsion; 43% water; and % was sediment. A.P.I. Gravity 37.5 API at 60°
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.	1504 (+2486)	T. Devonian	T. Ojo Alamo		
T. Salt	1612 (+2378)	T. Silurian	T. Kirtland-Fruitland		
B. Salt	2513 (+1477)	T. Montoya	T. Farmington		
T. Yates	2796 (+1194)	T. Simpson	T. Pictured Cliffs		
T. 7 Rivers	Lower 3504 (+486)	T. McKee	T. Menefee		
T. Queen	3708 (+ 282)	T. Ellenburger	T. Point Lookout		
T. Grayburg	4036 (- 46)	T. Gr. Wash.	T. Mancos		
T. San Andres	4340 (- 350)	T. Granite	T. Dakota		
T. Glorietta	5901 (-1911)	T. Paddock	6031 (-2041)	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	133	133	Sand and gyp				
133	995	862	Redbed				
995	1505	510	Redbed and anhydrite				
1505	1587	82	Lime and anhydrite				
1587	2768	1181	Anhydrite and salt				
2768	3075	307	Anhydrite				
3075	3613	538	Anhydrite and gyp				
3613	4077	464	Anhydrite				
4077	4294	217	Anhydrite and Dolomite				
4294	4325	31	Dolomite and Lime				
4325	5388	1063	Lime				
5388	5820	432	Lime and chert				
5820	6250	430	Lime				
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.

October 21, 1964 (Date)
Company or Operator Marathon Oil Company Address Box 220 Hobbs, New Mexico
Name Albert Meschler, Jr. Position Title Ass't. Supt.