

MMARS # 2106
38 min. test
8-9-93
Joe Alvin
14HC

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OLD HOBBS
OFFICE

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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DISTRIBUTION	
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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(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.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-	7. Unit Agreement Name
2. Name of Operator Marathon Oil Company	8. Farm or Lease Name Bertha Barber
3. Address of Operator P.O. Box 2409, Hobbs, New Mexico 88240	9. Well No. 7
4. Location of Well UNIT LETTER <u>F</u> <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM West <u>5</u> LINE, SECTION <u>20S</u> TOWNSHIP <u>37E</u> RANGE <u>WMPM.</u>	10. Field and Pool, or Wildcat Monument-Grayburg/SA
15. Elevation (Show whether DF, RT, GR, etc.) KB 3572 GR 3560	12. County Lea

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

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/> Reactivate the Grayburg/San Andres

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.

On November 16, a pulling unit was rigged up on this well. Drilled cement retainer at 3727 and cement to 3895' TD 7" casing is set at 3730', open hole from 3730' - 3895'. A caliper log was run on the open hole section on November 21, 1983. A Lynes inflatable packer was run and the open hole acidized with 5000 gallons 15% acid in four equal stages. The well was swabbed for four days recovering no oil. The well was shut-in on November 29 awaiting further evaluation.

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

SIGNED Thomas F. Zaparka TITLE Production Engineer DATE December 1, 1983

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT SUPERVISOR

APPROVED BY _____ TITLE _____ DATE DEC 8 1983

CONDITIONS OF APPROVAL, IF ANY:

Expired 10/1/76 (2nd)

FIELD MONUMENT	OPERATOR MARATHON OIL COMPANY	DATE MAY 3, 1976
LEASE BERTHA BARBER	WELL NO 7	LOCATION SEC. 5, T20S, R37E

2-3/8" Tbg. Set @ 3638'

13" casing set at 140' with 150 sx of Oil Well cement
Hole size 17-1/2" Cement Top Circ'd (Calculated)

9-5/8" casing set at 1145' with 500 sx of Oil Well cement
Hole size 11" Cement Top Circ'd (Calculated)

Otis Pkr. @ 3638'

Perfs: 3672'-3707'

PLUG BACK RECORD

- (A) 3818'-3895' squeezed w/18 sx
- (B) 3727'-3818' squeezed w/60 sx, Retr.

7" casing set at 3730' with 400 sx of Oil Well cement
Hole size 8-3/4" Cement Top @ 782' (Calculated)

Total Depth 3895' Open hole interval 3730'-3895' Hole Size Unknown

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-101
Effective 1-1-55

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEX OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-	7. Unit Agreement Name
2. Name of Operator MARATHON OIL COMPANY	8. Farm or Lease Name Bertha Barber
3. Address of Operator Box 2409 Hobbs, N.M. 88240	9. Well No. 1 7
4. Location of Well UNIT LETTER F 1980 FEET FROM THE North LINE AND 1980 FEET FROM West THE LINE, SECTION 5 TOWNSHIP 20S RANGE 27E N.M.P.M.	10. Field and Pool, or Wildcat Eunice Monument (G-SA)
15. Elevation (Show whether DF, RT, GR, etc.) GL 3560' ; KDB 3572'	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
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PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	Well Status <input 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.

1. Status: Temporarily abandoned
2. Date T.A. Commenced: 8/1/74
3. Reason for T.A.: Completion interval watered out.
4. Future plans: Workover
5. Approximate date of any workover or P & A: First half of 1977.

Expires 10/1/76

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

SIGNED M. J. Johnston TITLE Petroleum Engr. DATE 6/18/76

APPROVED BY Harry Sexton TITLE Eng. & Supt. DATE 6/18/76

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NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS
(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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Marathon Oil Company	8. Farm or Lease Name Bertha Barber
3. Address of Operator P.O. Box 220, Hobbs, New Mexico	9. Well No. 7
4. Location of Well UNIT LETTER F, 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE, SECTION 5 TOWNSHIP 20S RANGE 37E NMPM.	10. Field and Pool, or Wildcat Monument Grayburg
15. Elevation (Show whether DF, RT, GR, etc.) DF 3571'	12. County Lea

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NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
		OTHER <input checked="" type="checkbox"/> Plugged back open hole section of Grayburg and reperf. in upper Grayburg and acidized same.	

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.

Set 7" Baker Model "K" cement retainer on wire line @ 3727'. Squeezed open hole from 3728-3838' (100') with 60 sacks class "C" cement. Max. Press. 2200 psi, Min. Press. 800 psi. Reversed out 2 sacks cement. Tested plug and casing with 1000 psi. Held O.K.

Perforated 7" casing in San Andres zone @ 3672, 3677, 3682, 3687, 3695, 3704, and 3707' (7 shots) with 1 JSPF. Treated perfs. with 1000 gal. 15% acid and 14 - 7/8" RCB sealers. Max. Press. 2150 psi, Min. Press. 1500 psi, Avg. Rate 2.5 BPM.

Before workover well was shut in. On test well flowed through 44/64" choke and produced 3 BO, 22 BW and 1174 MCF gas in 24 hrs., with FTP 260 psi.

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

SIGNED J. W. Youngs TITLE Area Supt. DATE 10-30-69
APPROVED BY [Signature] TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
- - -	

SUNDRY NOTICES AND REPORTS ON WELLS

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1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Marathon Oil Company		8. Farm or Lease Name Bertha Barber
3. Address of Operator P.O. Box 220, Hobbs, New Mexico		9. Well No. 7
4. Location of Well UNIT LETTER <u>F</u> , <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>5</u> TOWNSHIP <u>20S</u> RANGE <u>37E</u> NMPM.		10. Field and Pool, or Wildcat Monument Grayburg
15. Elevation (Show whether DF, RT, GR, etc.) DF 3571'		12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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 <u>Plug back open hole section of Grayburg & reperf. in upper Grayburg & acidize</u> <input checked="" type="checkbox"/>

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 JOB <input type="checkbox"/>	OTHER <input 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.

Plan to squeeze off present open hole section of Grayburg/San Andres (3730-3828') and selectively perforate and acidize the porous Grayburg zone now behind the 7" casing between 3672' and 3725'.

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

SIGNED <u>E. L. Hill</u>	TITLE <u>Area Supt.</u>	DATE <u>10-17-69</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>SUPERVISOR DISTRICT</u>	DATE <u>OCT 22 1969</u>
CONDITIONS OF APPROVAL, IF ANY:		

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator..... THE OHIO OIL COMPANY Lease..... Bartha Barber
Address..... Hobbs, New Mexico Houston, Texas
(Local or Field Office) (Principal Place of Business)
Unit..... F Well(s) No..... 7 Sec..... 5 T..... 20S R..... 37E Pool..... Monument
County..... Lea Kind of Lease:.....

If Oil well Location of Tanks.....

Authorized Transporter..... Warren Petroleum Company Address of Transporter
..... Monument, New Mexico Tulsa, Oklahoma
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported..... 100 Other Transporters authorized to transport Oil or Natural Gas
from this unit are.....

REASON FOR FILING: (Please check proper box)

NEW WELL..... ☐ CHANGE IN OWNERSHIP..... ☐
CHANGE IN TRANSPORTER..... ☐ OTHER (Explain under Remarks)..... ☒

REMARKS:

Distribution:

O.V. Henry
L.H. Shearer
H.J. Brunt
D.K. Spellman Jr.
W.M. Kearley Jr.
New Mexico OCC (4)

In compliance with Rule R-520,
New Mexico OCC for casinghead gas.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the..... 10th day of..... September 19..... 54

Approved..... SEP 21 1954, 19.....

OIL CONSERVATION COMMISSION

By..... S. J. STANLEY

Title..... ENGINEER-DIST.

THE OHIO OIL COMPANY

By..... ORIGINAL
SIGNED BY: D. L. PROVINCE

Title..... Supt.

INSTRUCTIONS

This form shall be executed and filed in QUADRUPLICATE with the District Office of the Oil Conservation Commission, covering each unit from which oil or gas is produced. A separate certificate shall be filed for each transporter authorized to transport oil or gas from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one proration period, the operator shall in lieu of filing a new certificate notify the Oil Conservation Commission District Office, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil or gas to be moved by the transporter temporarily moving oil or gas from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil or gas than the estimated amount shown in said notice.

This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil and gas from the property named therein and shall remain in full force and effect until

- (a) Operating ownership changes
- (a) The transporter is changed or
- (c) The permit is cancelled by the Commission.

If any of the rules and regulations of the Oil Conservation Commission have not been complied with at the same time this report is filed, explain fully under the heading "REMARKS."

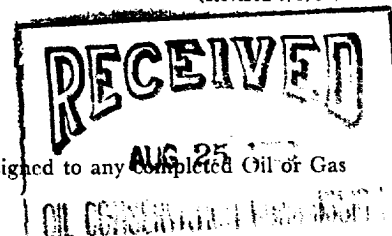
In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil or gas, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil or gas.

A separate report shall be filed to cover each producing unit as designated by the Oil Conservation Commission.

COPY

(Form C-110)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator..... **The Ohio Oil Company** Lease..... **Bertha Barber**
Address..... **P.O. Box 1 607, Hobbs, New Mexico** **P.O.Box 3128, Houston, Texas**
(Local or Field Office) (Principal Place of Business)
Unit..... **F** Well(s) No..... **7** Sec..... **5** T. **20S** R. **37E** Pool..... **Monument**
County..... **Lea** Kind of Lease:..... **Privately owned**
If Oil well Location of Tanks..... **Gen. W2 Sec 5-20-37**
Authorized Transporter..... **Texas-New Mexico Pipe Line** Address of Transporter
..... **Midland, Texas** **Midland, Texas**
(Local or Field Office) (Principal Place of Business)
Per cent of Oil or Natural Gas to be Transported..... **100** Other Transporters authorized to transport Oil or Natural Gas
from this unit are..... **None** %

REASON FOR FILING: (Please check proper box)

NEW WELL..... ☐ CHANGE IN OWNERSHIP..... ☐
CHANGE IN TRANSPORTER..... ☐ OTHER (Explain under Remarks)..... ☐

REMARKS:

4 - 500-barrel steel tanks in this battery

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the..... **27th** day of..... **January** 19..... **42**

The Ohio Oil Company

Approved....., 19.....

OIL CONSERVATION COMMISSION

By..... **(Signed) F. G. Bascom**
Title..... **District Foreman**

By.....
Title

(See Instructions on Reverse Side)

INSTRUCTIONS

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A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one proration period, the operator shall in lieu of filing a new certificate notify the Oil Conservation Commission District Office, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil or gas to be moved by the transporter temporarily moving oil or gas from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil or gas than the estimated amount shown in said notice.

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- (a) Operating ownership changes
- (a) The transporter is changed or
- (c) The permit is cancelled by the Commission.

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