

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

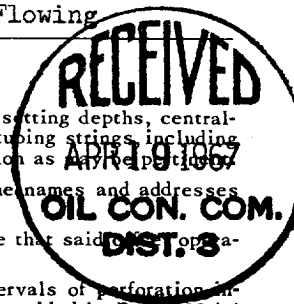
Operator Marathon Oil Company		County Rio Arriba	Date APR. 14, 1967
Address P. O. Box 97, McFadden, Wyoming 82080		Lease Jicarilla Apache	Well No. 13
Location of Well M	Unit 33	Township 26 North	Range 5 West

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐
2. If answer is yes, identify one such instance: Order No. ; Operator Lease, and Well No.:

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Pictured Cliffs		Basin Dakota
b. Top and Bottom of Pay Section (Perforations)	2907 2954		7094 7322
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please check YES or NO)

- | | | |
|-------------------------------------|-------------------------------------|---|
| Yes | No | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.* |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.) |



5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Pan American Petroleum Corporation, 501 Airport Drive, Farmington, New Mexico

Humble Oil and Refining Company, Petroleum Club Plaza Building, Farmington, New Mexico

Continental Oil Company, P. O. Box 1621, Durango, Colorado 81302

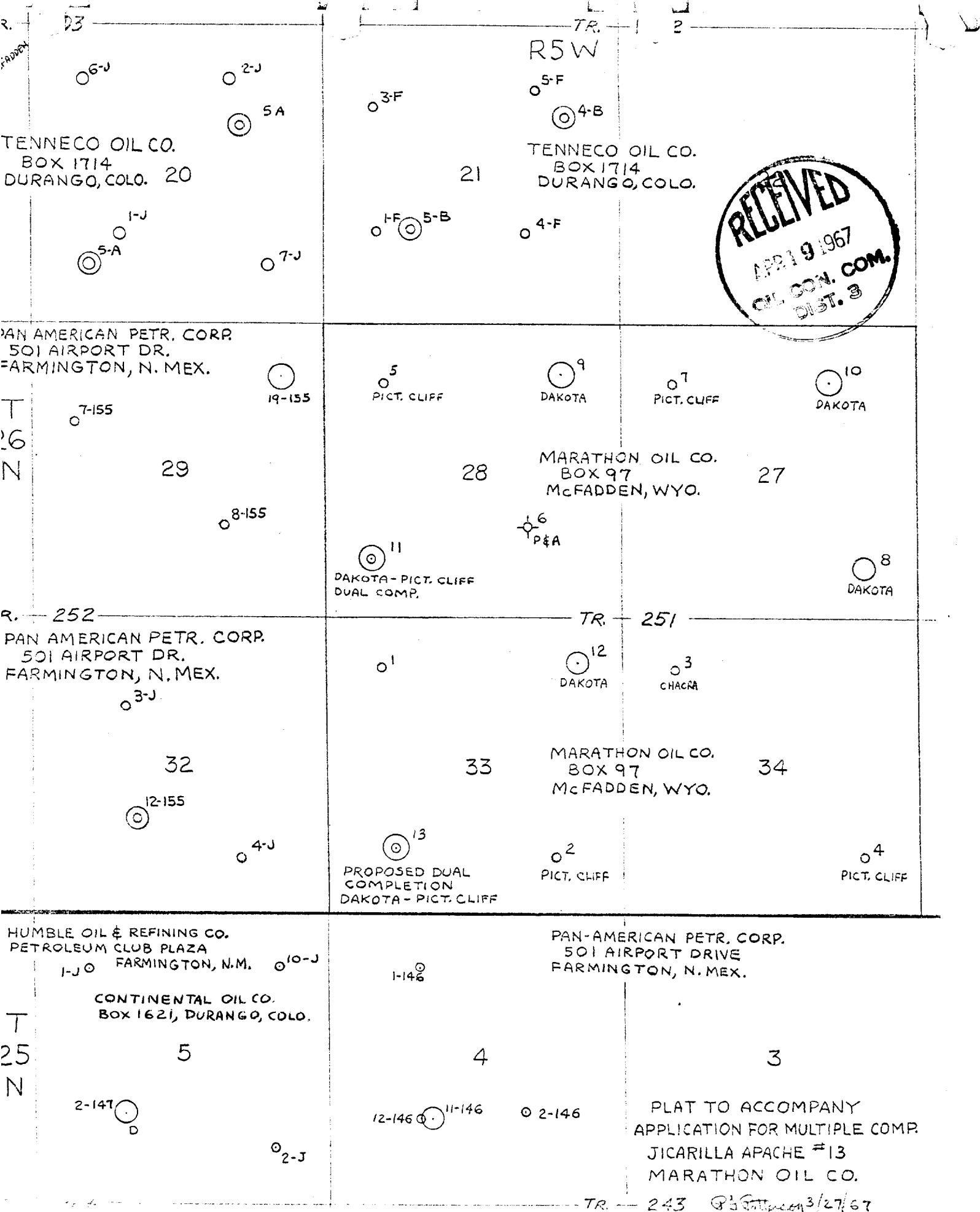
6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐ . If answer is yes, give date of such notification PANAM - 4/11/67 HUMBLE - 4/7/67. CONOCO - 4/12/67

CERTIFICATE: I, the undersigned, state that I am the Area Superintendent of the Marathon Oil Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Lester Brown
Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



RECEIVED
APR 19 1967
OIL CON. COM.
DIST. 3

TENNECO OIL CO.
BOX 1714
DURANGO, COLO. 20

TENNECO OIL CO.
BOX 1714
DURANGO, COLO.

PAN AMERICAN PETR. CORP.
501 AIRPORT DR.
FARMINGTON, N. MEX.

MARATHON OIL CO.
BOX 97
McFADDEN, WYO.

PAN AMERICAN PETR. CORP.
501 AIRPORT DR.
FARMINGTON, N. MEX.

MARATHON OIL CO.
BOX 97
McFADDEN, WYO.

HUMBLE OIL & REFINING CO.
PETROLEUM CLUB PLAZA
FARMINGTON, N.M.

CONTINENTAL OIL CO.
BOX 1621, DURANGO, COLO.

PAN-AMERICAN PETR. CORP.
501 AIRPORT DRIVE
FARMINGTON, N. MEX.

PLAT TO ACCOMPANY
APPLICATION FOR MULTIPLE COMP.
JICARILLA APACHE #13
MARATHON OIL CO.

9 5/8" CENTRALIZERS AT 310', 340'
385'

2 3/8" O.D., 4.60#, J55,
"SEALOCK" TUBING
(DAKOTA PROD.)

5 1/2" CENTRALIZERS AT 2780, 2812, 2844,
2877, 2908, 2942, 3006, 3070, 3134,
3197, 3264, 4446, 4542, 5111, 5210,
5373, 5441, 6932, 6965, 6997,
7030, 7063, 7128, 7162, 7194, 7223,
7256, 7289, 7319 # 7367.

CANVAS INSERT METAL PETAL
BASKETS AT 4510 # 5176

BAKER MODEL E LOCATOR SEAL
ASSEMBLY (3 SEAL UNITS) # FULL
OPENING PROD. TUBE

5 1/2" O.D., J55 CASING

15.5# CSG 0 - 6866

17# CSG 6866 - 7384

CEMENTED TO SURFACE IN 3 STAGES.

STAGE COLLARS AT 3229 # 5406.

TOTAL OF 495 SACKS FILLER CEMENT

280 SACKS QUALITY CEMENT,

QUALITY CEMENT OVER DAKOTA,

GRANEROS # PICTURED CLIFFS.

9 5/8" O.D., 32.30#, H40 CSG.

450 SACKS CEMENT, CEMENT TO SURFACE

400' KB 13 3/4" HOLE TO 405'

1.660" O.D., 2.40#, N80, HYDRIL "CS" TUBING
(PICTURED CLIFFS PROD.)

2831

TUBING PERFORATIONS

2836

2907

2922

2928

2930

2933

2936

2946

2944

2949

2954

PICTURED

CLIFFS

PERFORATIONS

2894

BLAST JOINTS

2955

7050

7053

BAKER MODEL D RETAINER PROD. PACKER

7094

7100

7116

7120

7122

7124

7230

7236

7238

7242

7245

7247

7264

7266

7271

7276

7286

7288

7312

7322

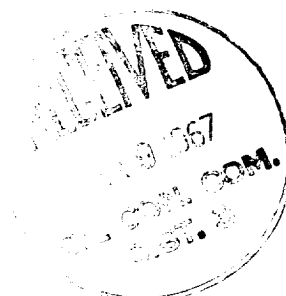
GRANEROS SAND PERFORATIONS

DAKOTA SAND PERFORATIONS

7352-PBTD

7384 KB

T.D. - 7395
(7 7/8" HOLE)



MARATHON OIL COMPANY
JICARILLA APACHE WELL #13
M SEC.33 T26N R5W
RIO ARRIBA CO., N. MEX.

DIAGRAMMATIC
SKETCH OF DUAL
COMPLETION

P. J. Patterson 3/27/67

WELL NO. 13

PAN AMERICAN PETROLEUM CORPORATION

SECURITY LIFE BUILDING
DENVER, COLORADO 80202

PRODUCING DEPARTMENT
H. T. HUNTER
DIVISION PRODUCTION
MANAGER

DISTRICT SUPERINTENDENTS
W. M. JONES
A. F. PIPER
T. M. CURTIS
JOINT INTEREST
SUPERINTENDENT
S. B. RICHARDS

April 11, 1967

File: AMR-854-986.510

Re: Request for Waiver of
Dual Completion

Mr. Lester Brown
Marathon Oil Company
P. O. Box 97
McFadden, Wyoming 82080

Dear Sir:

You may consider this letter as our waiver of any objections
to the dual completion of your Jicarilla Apache Well No. 13, Section
33, T26N-R5W, in the Dakota and Pictured Cliffs formations.

Yours very truly,





CONTINENTAL OIL COMPANY

P. O. Box 1621
Durango, Colorado 81301
April 12, 1967

Marathon Oil Company
Casper Division
P. O. Box 97
McFadden, Wyoming 82080

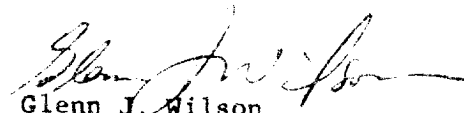
Attention of Mr. Lester Brown

Re: APPLICATION FOR MULTIPLE COMPLETION
JICARILLA APACHE NO. 13
Pictured Cliffs & Dakota
Section 33, T26N, R5W
Rio Arriba County, New Mexico

Gentlemen:

Continental Oil Company has no objection to Marathon Oil Company's proposed dual completion of the Jicarilla Apache No. 13 for gas production from the Pictured Cliffs and Dakota formations, at a location in Unit M of Section 33, T26N, R5W, Rio Arriba County, New Mexico.

Very truly yours,


Glenn J. Wilson
District Engineer
Durango District
Production Department

LSC/ae

cc: Mr. E. A. Austin, Continental Oil Co., Denver, Colorado
Tenneco Oil Company, Durango, Colorado





HUMBLE OIL & REFINING COMPANY

DENVER, COLORADO 80201

DENVER DISTRICT

POST OFFICE BOX 120

April 7, 1967

Mr. Lester Brown
Marathon Oil Company
P. O. Box 97
McFadden, Wyoming 82080

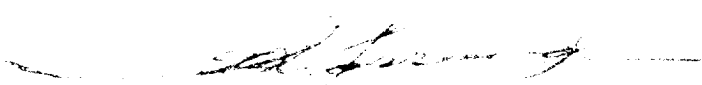
Re: Application of Marathon Oil Company
for Multiple Completion of Jicarilla
Apache Well No. 13, Unit M,
Section 33-T26N-R5W
Rio Arriba County, New Mexico

Dear Sir:

This is to advise you that Humble Oil & Refining Company has
no objection to multiple completion of the subject well.

Humble Oil & Refining Company is the owner of overriding
royalty interest in production from an offsetting lease.

Very truly yours,


J. Roy Dorrough





HUMBLE OIL & REFINING COMPANY

DENVER, COLORADO 80201

DENVER DISTRICT

POST OFFICE BOX 120

April 7, 1967

Mr. Lester Brown
Marathon Oil Company
P. O. Box 97
McFadden, Wyoming 82080

Re: Application of Marathon Oil Company
for Multiple Completion of Jicarilla
Apache Well No. 13, Unit M,
Section 33-T26N-R5W
Rio Arriba County, New Mexico

Dear Sir:

According to our records, the Pictured Cliffs wells in Section 5, T25N, R5W, are operated by Continental Oil Company and the Dakota well is operated by Pan American Petroleum Corporation. Humble has overriding royalty interest only in these wells plus deep rights below the base of the Dakota.

Very truly yours,

J. Roy Dorrrough

