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# CAMPBELL, CARR, BERGE 8 SHERIDAN, P.A.

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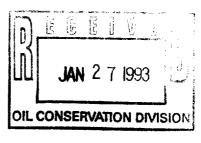
TELECOPIER: (505) 983-6043

JACK M. CAMPBELL OF COUNSEL

January 27, 1993

#### **HAND-DELIVERED**

William J. LeMay, Director Oil Conservation Division New Mexico Department of Energy, Minerals and Natural Resources State Land Office Building Santa Fe, New Mexico 87503



10670

Re: In the Matter of the Amended Application of Maralo Inc. for Pool Creation, Special Pool Rules and a Discovery Allowable, Lea County, New Mexico

Dear Mr. LeMay:

Enclosed in triplicate is the Amended Application of Maralo Inc. in the above-referenced case. Maralo Inc. respectfully requests that this matter be placed on the docket for the February 18, 1993 Examiner hearings.

Very truly yours,

WILLIAM F. CARR

WFC:mlh Enclosures

cc w/enclosure:

Shane Lough

#### BEFORE THE

#### OIL CONSERVATION DIVISION

NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES

OF MARALO, INC. FOR POOL CREATION
SPECIAL POOL RULES
AND A DISCOVERY ALLOWABLE,
LEA COUNTY, NEW MEXICO.

OIL CONSERVATION DIVISION

CASE NO. 1/4/7/1

#### **AMENDED APPLICATION**

MARALO, INC., by its undersigned attorneys, hereby makes application to the Oil Conservation Division for an Order (1) designating a new pool as a result of discovery of hydrocarbons in the Devonian formation, Undesignated Devonian Oil Pool, in its Maralo Inc. Barnes "20" Well No. 1 located 766 feet from the North line and 2201 feet from the West line in Unit C of Section 20, Township 9 South, Range 35 East, N.M.P.M., Lea County, New Mexico, (2) promulgating special pool rules and regulations for this pool, including (a) 80-acre spacing or proration units on a permanent basis or, in the alternative, on a temporary basis; and (b) special well location requirements, and (3) granting a discovery allowable and in support of this application states:

- 1. Applicant has recently completed its Barnes "20" Well No. 1 in the Devonian formation, located 766 feet from the North line and 2201 feet from the West line of Section 20, Township 9 South, Range 35 East, Lea County, New Mexico. Said well is producing through the open hole from 12635 feet to 12656 feet at a rate of approximately 50 barrels of oil per day.
  - 2. Applicant believes that the following described lands are reasonably proven

to be productive of oil and gas in paying quantities from the Devonian formation and should be included in the original definition of the pool to be created because of this discovery:

#### Township 9 South, Range 35 East, N.M.P.M.

Section 20: E/2 NW/4

- 3. In order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid augmentation of risk arising from the drilling of an excessive number of wells and otherwise prevent waste and protect correlative rights, special rules and regulations providing for 80-acre spacing units should be promulgated for the new pool.
- 4. Applicant requests that the special pool rules provide that each well should be located on a standard unit containing 80-acres, more or less, consisting of a governmental quarter section and that each well shall be located no closer than 330 feet to the outer boundary of the spacing unit.
- 5. Pursuant to the provisions of Division Rule 509, Maralo Inc. seeks assignment of a discovery allowable to its Barnes "20" Well No. 1.

WHEREFORE, Maralo, Inc. requests that this application be set for hearing before an Examiner of the Oil Conservation Division on February 18, 1993, that notice be given as required by law and the rules of the Division, and that the application be approved.

Respectfully submitted,

CAMPBELL, CARR, BERGE & SHERIDAN, P.A.

WILLIAM F. CARR

Post Office Box 2208

Santa Fe, New Mexico 87504

Telephone: (505) 988-4421

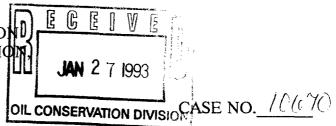
ATTORNEYS FOR MARALO INC.

#### BEFORE THE

#### OIL CONSERVATION DIVISION

NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES

IN THE MATTER OF THE APPLICATION OF MARALO, INC. FOR POOL CREATION SPECIAL POOL RULES AND A DISCOVERY ALLOWABLE, LEA COUNTY, NEW MEXICO.



#### **AMENDED APPLICATION**

MARALO, INC., by its undersigned attorneys, hereby makes application to the Oil Conservation Division for an Order (1) designating a new pool as a result of discovery of hydrocarbons in the Devonian formation, Undesignated Devonian Oil Pool, in its Maralo Inc. Barnes "20" Well No. 1 located 766 feet from the North line and 2201 feet from the West line in Unit C of Section 20, Township 9 South, Range 35 East, N.M.P.M., Lea County, New Mexico, (2) promulgating special pool rules and regulations for this pool, including (a) 80-acre spacing or proration units on a permanent basis or, in the alternative, on a temporary basis; and (b) special well location requirements, and (3) granting a discovery allowable and in support of this application states:

- 1. Applicant has recently completed its Barnes "20" Well No. 1 in the Devonian formation, located 766 feet from the North line and 2201 feet from the West line of Section 20, Township 9 South, Range 35 East, Lea County, New Mexico. Said well is producing through the open hole from 12635 feet to 12656 feet at a rate of approximately 50 barrels of oil per day.
  - 2. Applicant believes that the following described lands are reasonably proven

to be productive of oil and gas in paying quantities from the Devonian formation and should be included in the original definition of the pool to be created because of this discovery:

#### Township 9 South, Range 35 East, N.M.P.M.

Section 20: E/2 NW/4

- 3. In order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid augmentation of risk arising from the drilling of an excessive number of wells and otherwise prevent waste and protect correlative rights, special rules and regulations providing for 80-acre spacing units should be promulgated for the new pool.
- 4. Applicant requests that the special pool rules provide that each well should be located on a standard unit containing 80-acres, more or less, consisting of a governmental quarter section and that each well shall be located no closer than 330 feet to the outer boundary of the spacing unit.
- 5. Pursuant to the provisions of Division Rule 509, Maralo Inc. seeks assignment of a discovery allowable to its Barnes "20" Well No. 1.

WHEREFORE, Maralo, Inc. requests that this application be set for hearing before an Examiner of the Oil Conservation Division on February 18, 1993, that notice be given as required by law and the rules of the Division, and that the application be approved.

Respectfully submitted,

CAMPBELL, CARR, BERGE & \$HERIDAN, P.A.

WILLIAM F. CARR

Post Office Box 2208

Santa Fe, New Mexico 87504 Telephone: (505) 988-4421

ATTORNEYS FOR MARALO INC.

#### **BEFORE THE**

#### OIL CONSERVATION DIVISION

NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES

IN THE MATTER OF THE APPLICATION OF MARALO, INC. FOR POOL CREATION SPECIAL POOL RULES AND A DISCOVERY ALLOWABLE, LEA COUNTY, NEW MEXICO.

OIL CONSERVATION DIVISION

#### **AMENDED APPLICATION**

MARALO, INC., by its undersigned attorneys, hereby makes application to the Oil Conservation Division for an Order (1) designating a new pool as a result of discovery of hydrocarbons in the Devonian formation, Undesignated Devonian Oil Pool, in its Maralo Inc. Barnes "20" Well No. 1 located 766 feet from the North line and 2201 feet from the West line in Unit C of Section 20, Township 9 South, Range 35 East, N.M.P.M., Lea County, New Mexico, (2) promulgating special pool rules and regulations for this pool, including (a) 80-acre spacing or proration units on a permanent basis or, in the alternative, on a temporary basis; and (b) special well location requirements, and (3) granting a discovery allowable and in support of this application states:

- 1. Applicant has recently completed its Barnes "20" Well No. 1 in the Devonian formation, located 766 feet from the North line and 2201 feet from the West line of Section 20, Township 9 South, Range 35 East, Lea County, New Mexico. Said well is producing through the open hole from 12635 feet to 12656 feet at a rate of approximately 50 barrels of oil per day.
  - 2. Applicant believes that the following described lands are reasonably proven

to be productive of oil and gas in paying quantities from the Devonian formation and should be included in the original definition of the pool to be created because of this discovery:

### Township 9 South, Range 35 East, N.M.P.M.

Section 20: E/2 NW/4

- 3. In order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid augmentation of risk arising from the drilling of an excessive number of wells and otherwise prevent waste and protect correlative rights, special rules and regulations providing for 80-acre spacing units should be promulgated for the new pool.
- 4. Applicant requests that the special pool rules provide that each well should be located on a standard unit containing 80-acres, more or less, consisting of a governmental quarter section and that each well shall be located no closer than 330 feet to the outer boundary of the spacing unit.
- 5. Pursuant to the provisions of Division Rule 509, Maralo Inc. seeks assignment of a discovery allowable to its Barnes "20" Well No. 1.

WHEREFORE, Maralo, Inc. requests that this application be set for hearing before an Examiner of the Oil Conservation Division on February 18, 1993, that notice be given as required by law and the rules of the Division, and that the application be approved.

Respectfully submitted,

CAMPBELL, CARR, BERGE & \$HERIDAN, P.A.

WILLIAM F. CARR

Post Office Box 2208

Santa Fe, New Mexico 87504 Telephone: (505) 988-4421

ATTORNEYS FOR MARALO INC.

# CAMPBELL, CARR, BERGE & SHERIDAN, P.A.

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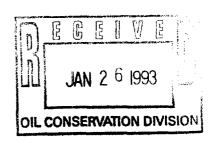
TELEPHONE: (505) 988-4421

TELECOPIER: (505) 983-6043

January 26, 1993

#### HAND-DELIVERED

William J. LeMay, Director Oil Conservation Division New Mexico Department of Energy, Minerals and Natural Resources State Land Office Building Santa Fe, New Mexico 87503



16640

Re: In the Matter of the Application of Maralo Inc. for Pool Creation, Special Pool Rules and a Discovery Allowable, Lea County, New Mexico

Dear Mr. LeMay:

Enclosed in triplicate is the Application of Maralo Inc. and a draft of a legal advertisement in the above-referenced case. Maralo Inc. respectfully requests that this matter be placed on the docket for the February 18, 1993 Examiner hearings.

Very truly yours,

WILLIAM F. CARR

WFC:mlh Enclosures

cc w/enclosure:

Shane Lough

CASE \_\_\_\_\_\_\_:

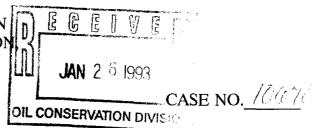
Application of Maralo Inc. for pool creation, special pool rules and a discovery allowable, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new pool for the production of oil from the Devonian formation comprising the E/2 NW/4 of Section 20, Township 9 South, Range 35 East, N.M.P.M., the assignment of a discovery allowable, and the promulgation of special pool rules therefore including provisions for 80-acre spacing units and designated well location requirements. Said area is located approximately \_\_\_ miles \_\_\_ of \_\_\_\_, New Mexico.

#### BEFORE THE

#### OIL CONSERVATION DIVISION

NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES

IN THE MATTER OF THE APPLICATION OF MARALO, INC. FOR POOL CREATION SPECIAL POOL RULES AND A DISCOVERY ALLOWABLE, LEA COUNTY, NEW MEXICO.



#### **APPLICATION**

MARALO, INC., by its undersigned attorneys, hereby makes application to the Oil Conservation Division for an Order (1) designating a new pool as a result of discovery of hydrocarbons in the Devonian formation, Undesignated Devonian Oil Pool, in its Maralo Inc. Barnes "20" Well No. 1 located 766 feet from the North line and 2201 feet from the West line in Unit C of Section 20, Township 9 South, Range 35 East, N.M.P.M., Lea County, New Mexico, (2) promulgating special pool rules and regulations for this pool, including (a) 80-acre spacing or proration units on a permanent basis or, in the alternative, on a temporary basis; and (b) special well location requirements, and (3) granting a discovery allowable and in support of this application states:

- 1. Applicant has recently completed its Barnes "20" Well No. 1 in the Devonian formation, located 766 feet from the North line and 2201 feet from the West line of Section 20, Township 9 South, Range 35 East, Lea County, New Mexico. Said well is producing through the open hole from 12635 feet to 12656 feet at a rate of approximately 50 barrels of oil per day.
  - 2. Applicant believes that the following described lands are reasonably proven

to be productive of oil and gas in paying quantities from the Devonian formation and should be included in the original definition of the pool to be created because of this discovery:

#### Township 9 South, Range 35 East, N.M.P.M.

Section 20: E/2 NW/4

- 3. In order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid augmentation of risk arising from the drilling of an excessive number of wells and otherwise prevent waste and protect correlative rights, special rules and regulations providing for 80-acre spacing units should be promulgated for the new pool.
- 4. Applicant requests that the special pool rules provide that each well should be located on a standard unit containing 80-acres, more or less, consisting of a governmental quarter section and that each well shall be located no closer than 330 feet to the outer boundary of the spacing unit.
- 5. Pursuant to the provisions of Division Rule 509, Columbia Gas Development Corporation seeks assignment of a discovery allowable to its Barnes "20" Well No. 1.

WHEREFORE, Maralo, Inc. requests that this application be set for hearing before an Examiner of the Oil Conservation Division on February 18, 1993, that notice be given as required by law and the rules of the Division, and that the application be approved.

Respectfully submitted,

CAMPBELL, CARR, BERGE & SHERIDAN, P.A.

WILLIAM F. CARR

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Santa Fe, New Mexico 87504

Telephone: (505) 988-4421

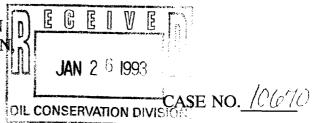
ATTORNEYS FOR MARALO INC.

#### BEFORE THE

#### OIL CONSERVATION DIVISION

NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES

IN THE MATTER OF THE APPLICATION OF MARALO, INC. FOR POOL CREATION SPECIAL POOL RULES AND A DISCOVERY ALLOWABLE, LEA COUNTY, NEW MEXICO.



#### **APPLICATION**

MARALO, INC., by its undersigned attorneys, hereby makes application to the Oil Conservation Division for an Order (1) designating a new pool as a result of discovery of hydrocarbons in the Devonian formation, Undesignated Devonian Oil Pool, in its Maralo Inc. Barnes "20" Well No. 1 located 766 feet from the North line and 2201 feet from the West line in Unit C of Section 20, Township 9 South, Range 35 East, N.M.P.M., Lea County, New Mexico, (2) promulgating special pool rules and regulations for this pool, including (a) 80-acre spacing or proration units on a permanent basis or, in the alternative, on a temporary basis; and (b) special well location requirements, and (3) granting a discovery allowable and in support of this application states:

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WHEREFORE, Maralo, Inc. requests that this application be set for hearing before an Examiner of the Oil Conservation Division on February 18, 1993, that notice be given as required by law and the rules of the Division, and that the application be approved.

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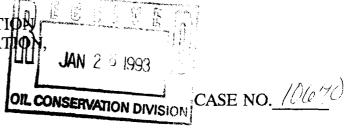
ATTORNEYS FOR MARALO INC.

#### BEFORE THE

#### OIL CONSERVATION DIVISION

NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES

IN THE MATTER OF THE APPLICATION OF MARALO, INC. FOR POOL CREAT SPECIAL POOL RULES AND A DISCOVERY ALLOWABLE, LEA COUNTY, NEW MEXICO.



#### **APPLICATION**

MARALO, INC., by its undersigned attorneys, hereby makes application to the Oil Conservation Division for an Order (1) designating a new pool as a result of discovery of hydrocarbons in the Devonian formation, Undesignated Devonian Oil Pool, in its Maralo Inc. Barnes "20" Well No. 1 located 766 feet from the North line and 2201 feet from the West line in Unit C of Section 20, Township 9 South, Range 35 East, N.M.P.M., Lea County, New Mexico, (2) promulgating special pool rules and regulations for this pool, including (a) 80-acre spacing or proration units on a permanent basis or, in the alternative, on a temporary basis; and (b) special well location requirements, and (3) granting a discovery allowable and in support of this application states:

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- 4. Applicant requests that the special pool rules provide that each well should be located on a standard unit containing 80-acres, more or less, consisting of a governmental quarter section and that each well shall be located no closer than 330 feet to the outer boundary of the spacing unit.
- 5. Pursuant to the provisions of Division Rule 509, Columbia Gas Development Corporation seeks assignment of a discovery allowable to its Barnes "20" Well No. 1.

WHEREFORE, Maralo, Inc. requests that this application be set for hearing before an Examiner of the Oil Conservation Division on February 18, 1993, that notice be given as required by law and the rules of the Division, and that the application be approved.

Respectfully submitted,

CAMPBELL, CARR, BERGE

& SHERIDAN, P.A.

WILLIAM F. CARR

Post Office Box 2208

Santa Fe, New Mexico 87504

Telephone: (505) 988-4421

ATTORNEYS FOR MARALO INC.

Advine as 10670

# STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

J (993)

NOMENCLATURE CASE NO. 10670 ORDER NO. R-

APPLICATION OF MARALO, INC. FOR POOL CREATION, SPECIAL POOL RULES AND A DISCOVERY ALLOWABLE, LEA COUNTY, NEW MEXICO.

115 6/14/93

#### ORDER OF THE DIVISION

#### BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on February 18, 1993, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this \_\_\_\_\_ day of June, 1993 the Division Director, having considered the testimony, the record and the recommendations of the Examiner, and being fully advised in the premises,

#### FINDS THAT:

- (1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) The applicant, Maralo, Inc., is the owner and operator of the Barnes "20" Well No. 1 located 766 feet from the North line and 2201 feet from the West line (Unit C) of Section 20, Township 9 South, Range 35 East, NMPM, Lea County, New Mexico, which was completed in September, 1992 as an oil well in the Devonian formation in the open hole interval from approximately 12,635 feet to 12,656 feet.
- (3) The applicant now seeks the creation of a new pool comprising the E/2 NW/4 of said Section 20 for the production of oil from the Devonian formation—and the promulgation of special rules therefor including provisions for 80-acre spacing and proration units, designated well location requirements whereby wells would be no closer than 330 feet to the outer boundary of a spacing unit. Further, the applicant seeks the assignment of an oil discovery allowable,

pursuant to Division General Rule 509, to the aforementioned Barnes "20" Well No. 1.

- At the time of the hearing the applicant requested that the portion of this application requesting the assignment of a discovery allowable for its Barnes "20" Well No. 1 and for consideration of the poolwide 330 foot set-back requirements for well locations be dismissed.
- Division records indicate that the subject well and proposed pool are within one mile of the now abandoned (no current producing wells) Jenkins-Devonian Pool, which currently comprises the NE/4 of Section 30, Township 9 South, Range 35 East, NMPM, Lea County, New Mexico and is subject to the General Statewide Rules and Regulations including 40-acre oil spacing and proration units with wells to be located no closer than 330 feet from the outer boundary of the spacing unit.
- (7) 6 The evidence presently available indicates that the aforesaid Barnes "20" Well No. 1 has discovered a completely separate common source of supply in the Devonian formation that is structurally separated from the Jenkins Pool.
- (8) 7 Geologic evidence presented further indicates that the subject reservoir or structure has a limited aerial extent that may comprise only portions of the NE/4 and E/2 NW/4 of Section 20, the S/2 SE/4 of Section 17, and the NW/4 NW/4 of Section 21, Township 9 South, Range 35 East, NMPM, Lea County, New Mexico.
- The preliminary engineering evidence indicates that the small Devonian structure encountered by the above-described well is of high permeability and that the drainage radius of the well will be in excess of 40 acres.
- In order to prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, temporary special rules and regulations providing for 80-acre spacing units should be promulgated for said pool.
- To assure orderly development of the proposed pool and to protect correlative rights, the temporary rules and regulations to be adopted should also provide for the same restrictive well location requirements being utilized in the majority of those pools with 80-acre spacing.
- At the request of the applicant, temporary special rules and regulations for the proposed pool should be established for a period of twelve months in order to allow the operators in the subject pool the opportunity to gather sufficient reservoir information to show

Case No. 10530 Order No. 14-9722 Page No. 15

that a 80-acre unit in this relatively small structure can be efficiently and economically drained and developed by one well.

- A new pool classified as an oil pool for Devonian oil production should be created and designated the Northeast Jenkins-Devonian Pool, with vertical limits to include the Devonian formation and the horizontal limits comprising the E/2 NW/4 of Section 20, Township 9 South, Range 35 East, NMPM, Lea County, New Mexico. Further, the proposed pool should be established for a twelve-month period in order to allow the operators in the subject pool to gather sufficient reservoir information to show that an 80-acre unit in the area can be sufficiently and economically drained and developed by one well.
- (6) <sup>13</sup> This case should therefore be reopened at an examiner hearing in June, 1994, at which time the operators in the subject pool should be prepared to appear and show cause why the Temporary Special Rules and Regulations for the Northeast Jenkins-Devonian Pool should not be rescinded and to show cause why said pool should not be developed on 40 acre spacing.

#### IT IS THEREFORE ORDERED THAT:

(1) A new pool in Lea County, New Mexico, classified as an oil pool for Devonian production is hereby created and designated the Northeast Jenkins-Devonian Pool, with vertical limits comprising the Devonian formation and the horizontal limits comprising the following described area:

## TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM Section 20: E/2 NW/4.

(2) The Temporary Special Rules and Regulations for the Northeast Jenkins-Devonian Pool, Lea County, New Mexico, are hereby promulgated as follows:

#### TEMPORARY SPECIAL RULES AND REGULATIONS FOR THE NORTHEAST JENKINS-DEVONIAN POOL

- <u>RULE 1</u>: Each well completed or recompleted in the Northeast Jenkins-Devonian Pool or in the Devonian formation within one mile thereof, and not nearer to or within the limits of another Devonian oil pool, shall be spaced, drilled, operated and produced in accordance with the Special Rules and Regulations hereinafter set forth.
- <u>RULE 2</u>: Each well shall be located on a standard unit containing 80 acres, more or less, consisting of the N/2, S/2, E/2 or W/2 of a governmental

quarter section; provided however, that nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in that unit.

RULE 3: The Director of the Oil Conservation Division, hereinafter referred to as the "Division", may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit comprising a governmental quarter-quarter section or lot; or the unorthodox size or shape of the tract is due to a variation in the legal subdivision of the United States Public Land Surveys. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the non-standard unit within thirty days after the Director has received an application.

RULE 4: Each well shall be located within 150 feet of the center of a governmental quarter-quarter section or lot.  $b d e e \rho e r$ 

- RULE 5: The Division Director may grant an exception to the requirements of Rule 4 without hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to morizon. All operators offsetting the proposed location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Director may approve the application upon receipt of written waivers from all operators offsetting the proposed location or if no objection to the unorthodox location has been entered within twenty days after the Director has received the application.
- <u>RULE 6</u>: A standard proration unit (79 through 81 acres) shall be subject to an 80-acre depth-bracket allowable of 490 barrels of oil per day. The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80 acres.
- (3) The locations of all wells presently drilling to or completed in the Northeast Jenkins-Devonian Pool or in the Devonian formation within one mile thereof are hereby approved; the operator of any well having an unorthodox location shall notify the Hobbs District Office of the Division in writing of the name and location of the well within thirty days from the date of this order.

we will

(4) Pursuant to Paragraph A of Section 70-2-18, NMSA (1978), contained in Chapter 271, Laws of 1969, existing wells in the Northeast Jenkins-Devonian Pool shall have dedicated thereto 80 acres in accordance with the foregoing pool rules; or, pursuant to Paragraph C of said Section 70-2-18, existing wells may have non-standard spacing or proration units established by the Division and dedicated thereto.

Failure to file new Forms C-102 with the Division dedicating 80 acres to a well or to obtain a non-standard unit approved by the Division within sixty days from the date of this order shall subject the well to cancellation of allowable. Until said Form C-102 has been filed or until a non-standard unit has been approved, and subject to said sixty-day limitation, each well presently drilling to or completed in the Northeast Jenkins-Devonian Pool or in the Devonian formation within one mile thereof shall receive no more than one-half of a standard allowable for the pool.

- (5) Unless called earlier upon the motion of the Division, this case shall be reopened at an examiner hearing in June 1994, at which time the operators in the subject pool should be prepared to appear and show cause why the temporary special pool rules for the Northeast Jenkins-Devonian Pool should not be rescinded and said pool not be developed on 40-acre spacing units.
- (6) The applicants request for a discovery allowable to be assigned its Barnes "20" Well No. 1 located 766 feet from the North line and 2201 feet from the West line (Unit C) of Section 20, Township 9 South, Range 35 East, NMPM, Lea County, New Mexico, is hereby dismissed.
- (7) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

WILLIAM J. LEMAY Director

# STATE OF NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

W 8 2 93

CASE NO. 10670 (Reopened) Order No. R-9912-A

IN THE MATTER OF CASE NO. 10670 BEING REOPENED UPON THE APPLICATION OF MARALO, INC. TO SET AN EFFECTIVE DATE FOR THE TEMPORARY SPECIAL RULES AND REGULATIONS FOR THE NORTHEAST JENKINS-DEVONIAN POOL PROMULGATED BY DIVISION ORDER NO. R-9912.

#### ORDER OF THE DIVISION

#### BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on July 15, 1993, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this \_\_\_\_\_ day of August, 1993, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

#### FINDS THAT:

- (1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) By Order No. R-9912 issued in Case No. 10670 on June 15, 1993, the Division, upon application of Maralo, Inc., promulgated Temporary Special Rules and Regulations for the Northeast Jenkins-Devonian Pool, Lea County, New Mexico, including 80-acre spacing and proration units and designated well locations.
- (3) The discovery well for the Northeast Jenkins-Devonian Pool was the Maralo, Inc. Barnes "20" Well No. 1 located in Unit C of Section 20, Township 9 South, Range 35 East, NMPM, Lea County, New Mexico.
- (4) The applicant, Maralo, Inc., seeks to reopen this case at this time in order to set an effective date of March 1, 1993, for the Special Rules and Regulations for the Northeast Jenkins-

Devonian Pool.

- (5) The original application was heard by a Division Examiner on February 18, 1993 and although testimony was presented concerning potential lease expiration in the area, no specific request for an effective date for the Temporary Special Rules and Regulations was made.
- (6) The establishment of an effective date of March 1, 1993 as proposed by the applicant will avoid the expiration of a lease in this pool which has been dedicated to the Barnes "20" Well No. 1, will otherwise preserve the equities in the Barnes "20" Well No. 1, and will serve to protect correlative rights.
- (7) No interest owner and/or offset operator appeared at the hearing in opposition to the application.
- (8) The application of Maralo, Inc. for a March 1, 1993 effective date for the Temporary Special Rules and Regulations for the Northeast Jenkins-Devonian Pool should be granted.

#### IT IS THEREFORE ORDERED THAT:

- (1) The effective date for the Temporary Special Rules and Regulations for the Northeast Jenkins-Devonian Pool, as promulgated by Division Order No. R-9912, is hereby established as March 1, 1993.
- (2) Jurisdiction is hereby retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

WILLIAM J. LEMAY Director

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Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

## OIL CONSERVATION DIVISION

SIME OF INEM MEXICO

Energy, Minerals and Natural Resources Department

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-104 Revised 1-1-89 See Instructions at Bottom of Page ON Ι

OIL CONSERV-

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TEST DATA AND REQUEST FOR ALLOWABLE

HOLE SIZE

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.) OIL WELL

7/8"

CASING & TUBING SIZE

13 3/8"

8 5/8

5 1/2

Producing Method (Flow, pump, gas lift, etc.) Date First New Oil Run To Tank Date of Test 9-1-92 pumping Casing Pressure Thoke Size 9-14-92 Length of Test Tubing Pressure Gas- MCF Water - Bbls. Actual Prod. During Test Oil - Bbls. 162 25 83

**GAS WELL** 

9-15-92

Date

17 1/2

12

1/4

7/8

Bbis, Condensate/MMCF Gravity of Condensate Actual Prod. Test - MCF/D Length of Test Casing Pressure (Shut-in) Choke Size Tubing Pressure (Shut-in) Testing Method (pitot, back pr.)

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above

is true and complete to the best of my knowledge and belief. Signature Brenda Coffman Printed Name Title

Telephone No.

## OIL CONSERVATION DIVISION

SEP 17'92

SACKS CEMENT

2600sx Howco Lt+200sx

850sx Poz + 425 sx Howco +

9259

Poz

450sx Class C

DEPTH SET

450'

4200'

12635

12,549

DISTRICT SUPERVISOR Title

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

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SIGNED DO			TIT	LE	11/10110	·			DATE	

#### INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including irill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filled in quintuplicate except on state land, where six copies are required. See Rule 1105.

Northwestern New Mexico

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anh	у	· <del>- · · · · · · · · · · · · · · · · · ·</del>	Т.	Canyon								, <u> </u>	
T. Sait			T.	Strawn _								·	
B. Salt		MA	Т.	Atoka	3 1 ( ) ( ) ( )							' <del></del>	
T. Yate		790											
				Devonian									
T. Gray	burg	4781		-									
T. San	Andres	173											
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T. Blin T. Tubl		906	—— I. Т	Granite		т.	Tadile			т			
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T. Abo	-	142			ings								
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T. Peni	n		т.		· · · · · · · · · · · · · · · · · · ·	T.	Permi	an		т.			
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					OIL OR	GAS SA	ANDS	OR ZON	ES				
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No. 2, fro	m			to		No	. 5, from	m		*********	to		*****
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	•				IMPOR	TANT 4	IATER	SANDS					
Include d	ata on rate	of water	inflow ar	nd elevation	to which water	rose in l	holė.						
No. 1, fro	m			************	to				feet.	***********			
No. 2, fro	m				to				fect.	*************			
No. 3, fro	m				to				feet.	***********		***************************************	
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INCLINATION REPORT

DIL CONSERV REC: FED ADDRESS P. O. Box 832, Midland, Tx 79702 OPERATOR Maralo, Inc.

AM 9 WHIL NO. 20-1 Wildcat FIELD LEASE NAME Barnes

Section 20, T-9-S, R-35-E, Lea County, New Mexico LOCATION

DEPTH_	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED	
421	1/2°	3.68	3.68	
884	3/4°	6.11	9.80	
1359	1/2°	4.16	13.95	
1832	3/4°	6.24	20.20	
2053	3/4°	2.92	23.11	
2557	1/2°	4.41	27.52	
3031	3/4°	6.26	33.78	
· 3505	1 0	8.30	42.07	
3979	1 0	8.30	50.37	
4200	1/4°	0.97	51.33	
4697	1/2°	4.35	55.68	
5171	1/4°	2.07	57.76	
5642	1/2°	4.12	61.88	
6116	3/4°	6.26	68.13	
6590	1/2°	4.15	72.28	
7064	3/4°	6.26	78.54	
7444	1	6.65	85.18	
7917	3/4°	6.24	91.43	

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

SITTON) DRILLING CO.

#### AFFIDAVIT:

Before me, the undersigned authority, appeared Ronald Sitton known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Sworn and subscribed to in my presence on this the

രുന്നു പ്രധാന നേന്നു വേഗ്യമായ വേഗ്യമായ വേഗ്യമായ വേഗ്യമായ വേഗ്യമായ വേഗ്യമായ വേഗ്യമായ വേഗ്യമായ വേഗ്യമായ വേഗ്യമായ

GUNDA TUSSY TOTA Cubits, State of Texas

/ Deminision Expires 2-8-93

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Notary Public in and for the County of Lubbock, State of Texas

SEAL

Pg 2

#### INCLINATION REPORT

Continued page 2

continued by	ige 2		
OPERATOR	Maralo, Inc.	ADDRESS	
LEASE NAME_	Barnes 20	WELL NO. / FIELD	
LOCATION	766/N + 2201/11)	20-9-35	

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED	
8390	3/4°	6.24	97.67	
8864	1	8.30	105.97	
9125	1/2°	2.28	108.25	
9558	3/4°	5.72	113.96	
10001	1/2°	3.88	117.84	
10473	3/4°	6.23	124.07	
10950	3/4°	6.30	130.37	
·11171	1/4°	0.97	131.33	
11346	1/4°	0.76	132.10	
11823	1/2°	4.17	136.27	
12141	1 °	5.57	141.84	
12581	1 1/4°	9.61	151.45	
12644	1 °	1.10	152.55	

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

SITTON DRILLING CO.

TITLÉ / President

#### AFFIDAVIT:

Before me, the undersigned authority, appeared Ronald Sitton known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the

day of lugues

1992

Carriery Laboration Expires 2-8-93

Notary Public in and for the County

of Lubbock, State of Texas.

### Submit 5 Copies Appropriate District Office DISTRICT I P.O. Box 1980, Hobbs, NM 88240

## State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104 Revised 1-1-89 See Instructions at Bottom of Page

JN DOED CONSERVATION DIVISION OIL CONSERVE DISTRICT

P.O. Drawer DD, Artesia, NM 88210 E	: VED	_			ox 2088						
DISTRICT III	- m	<b>Α</b> ΛΛ			lexico 8						
1000 Rio Brazos Rd., Azgeo Nor 87410	HEO	UEST FO	OR AL	LOWA	BLE AN	lD /	AUTHORI	ZATION			
I.		TO TRA	NSP	ORT OI	LAND	TAN	TURAL G	AS			
Operator Maralo, Inc.								Well	API No.		
Address									<00-0	15-31	<u> </u>
P.O. Box 832, Mid	land,	TX 797	02-0	832							
Reason(s) for Filing (Check proper box)  New Well			_		XX	Othe	τ (Please expl	ain)	<del></del>	<del></del>	
New Well Recompletion	Oil	Change in	Transpo Dry Ga						nce to m		
Change in Operator	Casinghe	ad Gas 🔲	Conden		wh	ile	e testin	g - 80	00 barrel	s of oi	1
If change of operator give name and address of previous operator				<del></del>							
IL DESCRIPTION OF WELL	ANDIE	ACE			<del></del>				<del></del>		
Lease Name	AND LE		Pool Na	me, Includ	ing Format	ion /	indings	Kind	of Lease		ease No.
Barnes "20"		1	C-	r <del>ossro</del>	ads (D	evc	onian)	SMILE	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
Location		<b>-</b> //						_			
Unit LetterC	- :i	766	Feet Fr	om The	north.	Line	and22	<u>01</u> F	eet From The _	west	Line
Section 20 Townshi	p	9s	Range	35E		, NN	лрм,	Lea			County
THE DECICAL PROPERTY OF THE LAND	~~~~										
III. DESIGNATION OF TRAN Name of Authorized Transporter of Oil		or Conden		DNATU			address to w	hich approved	copy of this fo	rm is to be s	entl
Amoco Pipeline IC	TLXXI			LJ	1 :				land, TX		,
Name of Authorized Transporter of Casing	ghead Gas		or Dry	Gas	Address	Give	address to w	hich approved	copy of this fo	rm is to be so	ent)
If well produces oil or liquids,	Unit	Sec.	Twp.	Rge	Is one act	nally	connected?	When	. ?		
give location of tanks.	<u>                                  </u>			<u> </u>							
If this production is commingled with that	from any oth	her lease or p	oool, giv	e comming	ling order r	шть	ег:				
IV. COMPLETION DATA		Oil Well		as Well	New W	ell (	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Designate Type of Completion	- (X)	1	_ i `					L	Hug Dack	Julio Aca i	bill Resv
Date Spudded	Date Com	pl. Ready to	Prod.		Total De	oth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of F	roducing For	mation	- <u></u>	Top Oil/C	ias P	-ay	<del></del>	Tubing Depth		
)							•		Tabling Depu		
Perforations Devonian									Depth Casing	Shoe	
Devolitali		TIRING	CASIN	JG AND	CEMEN	77	NG RECOR	<u>n</u>	<u> </u>		····
HOLE SIZE	<del></del>	SING & TU			CLIVIEI		DEPTH SET		s	ACKS CEM	ENT
	<u> </u>				<del> </del>				<del> </del>		
	<del> </del>		····		<del> </del>	+	<del></del>		<del> </del>		<del></del>
V. TEST DATA AND REQUES	T FOR	ALLOWA	BLE								
OIL WELL (Test must be after r  Date First New Oil Run To Tank	Date of Te		of load o	il and mus			exceed top allethod (Flow, p			r full 24 hou	rs.)
Date First New Oil Kills 10 12mk	Date of 1e	:34				,					
Length of Test	Tubing Pro	essure			Casing Pr	essu	re		Choke Size	•	
Amel Prod Project Total	O'I Phia				Water - E	ibis.			Gas- MCF		
Actual Prod. During Test	Oil - Bbls.	•		<i>:</i> -	1,1						
GAS WELL	<u> </u>										
Actual Prod. Test - MCF/D	Length of	Test			Bbls. Co	aden	sate/MMCF		Gravity of C	ondensate	
	1 <del>7.5</del>	(Ch.)	1		Casina P		re (Shut-in)		Choke Size		<del></del>
Testing Method (pitot, back pr.)	I ubing Pr	essure (Shut-	-in)		Casing P	i deseri	ite (Stim-in)		CHOLE Size		
VI. OPERATOR CERTIFIC	ATE OF	COMP	LIAN	ICE	1				<u> </u>		
I hereby certify that the rules and regul	ations of the	Oil Conserv	vation			C	OIL CON	1SERV	&EPN 8	IJŊSIC	NC
Division have been complied with and is true and complete to the best of my	that the info	ermation give	n above	!	_	1	$\sim$		~=i 00	JZ /	
7. 01	4				∥ Da	ate	Approve	!d	1	<del>//</del>	<del></del>
Debra Hanu	Mada	70-			B	J	Ves.	hex	wh		
Signature Debra Haney-Osbur	<i>()</i>	t. Reve	enue			7	A Sull		7		
Printed Name	<u> </u>	The Area	Title		-	W	DI:	STRICT	1 SUPER	VISOR	

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

915/684-7441

Printed Name 9/4/92

1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

Tille.

2) All sections of this form must be filled out for allowable on new and recompleted wells.

Telephone No.

- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

# State of New Mexico REU: Energy, Minerals and Natural Resources Department

Form C-103

CONDITIONS OF APPROVAL, IF ANY:

Revised	1-1-8

DISTRICT II P.O. Drawer DD, Artesia, NM 88210  DISTRICT III P.O. Drawer AD, Artesia, NM 87410		NSERVATION P.O. Box 2088 Fe, New Mexico 87		WELL API NO.  30-025  5. Indicate Type of Lease STAT  6. State Oil & Gas Lease No.	-31601 E FEE X
( DO NOT USE THIS FORM FOR PRODIFFERENT RESER	OPOSALS TO DI RVOIR. USE "AF	EPORTS ON WELLS RILL OR TO DEEPEN OF PUICATION FOR PERM I PROPOSALS.)	R PLUG BACK TO A	7. Lease Name or Unit Agrees	nent Name
1. Type of Well: OIL GAS WELL X WELL		OTHER		Barnes "20"	
2. Name of Operator				8. Well No.	
Maralo, Inc. 3. Address of Operator	<del></del>			9 Pool name or Wildret	
P. O. Box 832, Midland	, Texas	79702 0832		9. Pool name or Wildcat  Crossroads (Dev	
Unit Letter : 7	Township 10. E	9S Range levation (Show whether DF) 4169.7 G	35E , RKB, RT, GR, etc.)	NMPM Lea eport, or Other Data	County
NOTICE OF INT				SEQUENT REPORT	OF:
PERFORM REMEDIAL WORK	PLUG AN	D ABANDON  F	REMEDIAL WORK	ALTERING	CASING
TEMPORARILY ABANDON	CHANGE		OMMENCE DRILLING	OPNS X PLUGANI	D ABANDONMENT
PULL OR ALTER CASING		<u></u>	ASING TEST AND C		
OTHER:			OTHER:		
12. Describe Proposed or Completed Opera work) SEE RULE 1103.	tions (Clearly state	e all pertinent details, and g	ive pertinent dates, inclu	ding estimated date of starting an	y proposed
Spud 6-6-92 11:00 p.m. 6-8-92 Ran 10 jts 13 1 17 1/2". WOC 20 hours 6-16-92 Ran 96 jts 8 5 + 15# salt/sx. Tailed Hole size 12 1/4". WOC 7-31-92 TD'd @ 12,656'	3/8" 54.4# /8" csg. S in w/200 24+ hours	Set @ 4200'. Ce sx Class "C" cr . Tested to 100	emented w/2600 mt + 1/4# floo 00 psi - ok.	) sx HOwco Light w/ cele + 2% CaCl2. Ch	/1/4# flocele
8-3-92 Ran GR/CNL/LDT LOG TOPS:	TD to csg.	w/GR/CNL surfa	ce, GR/DLL/MS	FL TD to csg.	
Tansill	2220	ABO	7742	Atoka	11312
Yates	2790	Wolfcamp Lime	8812	Mississippi Lime	11899
San Andres Porosity	4781	XX Marker	9062	Woodford	12572
Glorieta	5472	Bough C	9734	Devonian	12626
Tubb	6906	Strawn Marker	•		
I hereby certify that the information above is true SIGNATURE	and complete to the	TITLE .	Agent	DATE	8-28-92
TYPE OR PRINT NAME	' '			TELEPH	ONE NO.
(This space for State Use)	Ph.M.		Geolog	ist	\$EP 0 1'92

State of New Mexico Suomit to Appropriate Form C-101 N Energy Minerals and Natural Resources Department District Office Revised 1-1-89 State Lease - 5 copies NSER REC: FED OIL CONSERVATION DIVISION API NO. (assigned by OCD on New Wells) DISTRICT 9 07 P.O. Box 2088 P.O. Box 1980, Hobbs, Santa Fe, New Mexico 87504-2088 DISTRICT II 5. Indicate Type of Lease P.O. Drawer DD, Artesia, NM 88210 FEE X STATE DISTRICT III 6. State Oil & Gas Lease No. 1000 Rio Brazos Rd., Aztec, NM 87410 APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK la. Type of Work: 7. Lease Name or Unit Agreement Name PLUG BACK DRILL X RE-ENTER DEEPEN b. Type of Well: Barnes "20" SINCLE ZONE MULTIFLE ZONE OAS WELL MET X OTHER  $\mathbf{x}$ 2. Name of Operator 8. Well No. 1 Maralo, Inc. 9. Pool name or Wildcat Undesignated 3. Address of Operator O. Box 832, Midland, Texas 79702 0832 (Devonian) 4. Well Location Unit Letter Line and Feet From The 2201 Feet From The Line North West Township **NMPM** Section County 10. Proposed Depth 11. Formation 12. Rotary or C.T. 12,800 Devonian Rotary 14. Kind & Status Plug. Bond 13. Elevations (Show whether DF, RT, GR, etc.) 15. Drilling Contractor 16. Approx. Date Work will start 4169.7' GR 5-25-92 Blanket U.A. 17. PROPOSED CASING AND CEMENT PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 17 1/2 54.50# 450' 13 3/8 500 sx Cl. C Surface 4200' 8 5/8 . to be det. Surface 12 1/4 32# 7/8 5 1/217#: 20# vol to be det. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY. I hereby certify that the information above is true and complete to the best of my knowledge and belief. DATE 5-20-92 Agent SKINATURE TITLE 915 684-7441 ext. 19 Brenda Coffman TELEPHONE NO. TYPE OR PRINT NAME (This space for State Use) MAY 22'92

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval Date Unless Drilling Underwald

# State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

#### OIL CONSERVATION DIVISION

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

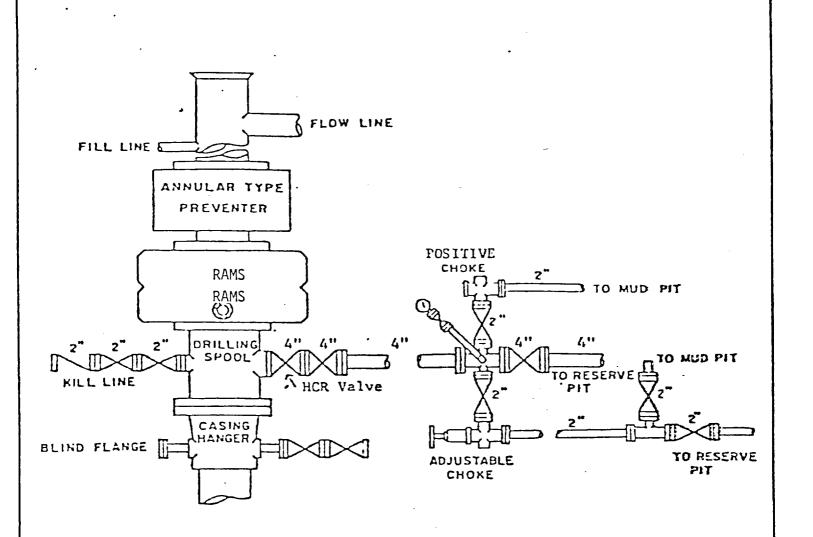
DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator , MARALO, INC.						BARNI	ES "20"	Well No.		
Unit Letter	nit Letter Section			Township		Range			County	
С		20	9 5	OUTH	-	35 EAS	Т мири		LEA	
Actual Footage Loc			1 3 3	00111			NAPA	<del></del>		
766 NODTU 2201 WEST										
Ground Level Kley		ducing For		na	Pool	<del></del>	lest from	the WES	line Dedicated Acreage:	
4169.7	.	-				H Coin		-		
			<u>ronian</u>		4	rated Cin		vonian	40 Acres	
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.										
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).										
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?										
Yes No If answer is "yes" type of consolidation										
If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.										
No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.										
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		i				İ		SURVEY	OR CERTIFICATION	
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		1				1		-	fy that the well location shown	
		1				j .	1.1	-	was plotted from field notes of	
		1				1		-	made by me or under my	
		i				i	11	•	md that the same is true and he best of my knowledge and	
1		1				1		belief.	our of may missing and	
1		l		1		1	11	-		
		1				,		Date Surve		
		I		1		1			IAY 13, 1992	
L		<u>i                                    </u>		1		<u>i                                    </u>		Signature &		
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		I I				1		7	HONALD J. EIDSON. 3239	
		·						1	GARY L. JONES, 7877	
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0 330 660	990 13	1000	1980 2310 2	:040 2	000 1500	1000	500 0	(	92-11-0642	



### BOP STACK

3000 PSI WORKING PRESSURE