

New Mexico
 Energy Minerals and Natural Resources Department
 Oil Conservation Division
 2040 South Pacheco Street
 Santa Fe, New Mexico 87505
 (505) 827-7131

Form C-142
Date 06/30/99

Submit Original
Plus 2 Copies
to the Santa Fe
Office of the OCD

District I - (505) 393-6161
 1625 N. French Dr
 Hobbs, NM 88241-1980
 District II - (505) 748-1283
 811 S. First
 Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Brazos Road
 Aztec, NM 87410
 District IV - (505) 827-7131

APPLICATION FOR NEW WELL STATUS

I. Operator and Well

| | | | | | | | | |
|--|---------------|-----------------|--------------|----------------------|-------------------------|----------------------|--------------------------------|----------------------|
| Operator name & address Mallon Oil Company 999 18th ST; STE 1700 Denver, CO 80202 | | | | | | | OGRID Number 13925 | |
| Contact Party Lisa Anton | | | | | | | Phone 303-293-2333 Ext 1215 | |
| Property Name Jicarilla 29-02-20 | | | | | Well Number 1 | | API Number 30-099-26093 | |
| UL D | Section 20 | Township 29N | Range 02W | Feet From The 860 | North/South Line FNL | Feet From The 660 | East/West Line FWL | County Rio Arriba |

II. Date/Time Information

| | | | |
|----------------------|----------------------|--------------------------|---------------------------|
| Spud Date 1/17/99 | Spud Time 11:00pm | Date Completed 3/6/99 | Pool Coal/San Jose Ext |
|----------------------|----------------------|--------------------------|---------------------------|

III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

State of Colorado)
)
 County of Denver)
)
 ss.
 I, Edward Anton, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced well.
- To the best of my knowledge, this application is complete and correct.

Signature Edward Anton Title Owner Date 8/3/99

SUBSCRIBED AND SWORN TO before me this 5 day of AUGUST, 1999.

Carol Narayio
 Notary Public

My Commission expires: 11/22/99

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application for New Well status is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

| | | |
|--------------------------------|----------------------------|----------------------------|
| Signature <u>Mark Herby</u> | Title <u>P.E. Spec.</u> | Date <u>AUG 10 1999</u> |
|--------------------------------|----------------------------|----------------------------|

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: AUG 16 1999

NOTICE: The operator must notify all working interest owners of this approval and certification as a New Well.

PVZV 2006249433

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FORM APPROVED OMB NO. 1004-0137 Expires: February 28, 1995

CONFIDENTIAL

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a TYPE OF WELL OIL GAS WELL DRY OTHER
b. TYPE OF COMPLETION NEW WORK OVER DEEP-EN PLUG BACK DIFF RESVR

2. NAME OF OPERATOR Mallon Oil Company
3. ADDRESS AND TELEPHONE NO. P. O. Box 2797 Durango, CO 81302 (970) 382-9100

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 860' FNL and 660' FWL (NW NW) Unit D
At top prod. interval reported below 860' FNL and 660' FWL (NW NW) Unit D
At total depth 860' FNL and 660' FWL (NW NW) Unit D

5. LEASE DESIGNATION AND SERIAL NO. IMDA 701-98-0013
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache Tribe
7. UNIT AGREEMENT NAME N/A
8. FARM OR LEASE NAME, WELL NO. Jicarilla 29-02-20 No. 1
9. API WELL NO. 30-039-26093
10. FIELD AND POOL, OR WILDCAT Cabresto Canyon; San Jose Ext.
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 20, T29N-R02W

15. DATE SPUNDED 1/17/99
16. DATE TD REACHED 1/24/99
17. DATE COM (Ready to Prod.)
18. ELEVATION (DF, RKB, RT, GR, E) 7138'
19. ELEV. CASINGHEAD 7139'

20. TOTAL DEPTH, MD & TVD 3870'
21. PLUGBACK TD, I 3458'

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTC 1219'-1241', 1269'-1284', 1298'-1302', 1316'-1341', 1417'-1421', 1443'-1445', 1473'-1476', 1483'-1488'
25. WAS DIRECTIONAL SURVEY MADE Yes
27. WAS WELL CORED No

Table with columns: CASING SIZE/GRADE, WEIGHT LB/FT, SACKS CEMENT, SCREEN (MD), AMOUNT PULLED. Includes entries for 8-5/8" and 5-1/2" casings.

Table with columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Includes entries for N.A. sizes.

31. PERFORATION RECORD (Interval, size, and number) 1219'-1241', 1269'-1284', 4 JSPF (148 holes)
32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) 1219'-1284' AMOUNT AND KIND OF MATERIAL USED Acidize 1060 gals 7-1/2% HCL, Frac 22,500 lbs 1220 Brady Sand

33. PRODUCTION DATE FIRST PRODUCTION N.A. PRODUCTION METHOD Flowing WELL STAT SI
DATE OF TEST 3/3/99 HOURS TESTED 12 CHOKE SIZE 1/4" PROD'N FOR TEST PERIOD OIL - BBL 0 GAS - MCF 63 WATER - BBL 3 GAS-OIL RATIO N/A
FLOW TBG PRESS 30 CASING PRESSURE 0 CALCULATED 24-HOUR RATE OIL - BBL 0 GAS - MCF 63 WATER - BBL 3 OIL GRAVITY - API (CORR.) N/A

34. DISPOSITION OF GAS SI for evaluation TEST WITNESSED BY M. Davis

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Christy Serrano (Christy Serrano) Production Secretary DATE 10-8-99

(See Instructions and Spaces for Additional Data on Reverse Side)
Title 18 U.S.C. 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

CONFIDENTIAL

FORM APPROVED
OMB NO. 1004-0137

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL
OIL GAS
WELL WELL DRY OTHER _____

b. TYPE OF COMPLETION
NEW WORK
WELL OVER
DEEP-EN PLUG BACK DIFF RESVR

2. NAME OF OPERATOR
Mallon Oil Company

3. ADDRESS AND TELEPHONE NO.
P. O. Box 2797 Durango, CO 81302 (970) 382-9100

4. LOCATION OF WELL
(Report location clearly and in accordance with any State requirements)
At surface **860' FNL and 660' FWL (NW NW) Unit D**
At top prod. interval reported below **860' FNL and 660' FWL (NW NW) Unit D**
At total depth **860' FNL and 660' FWL (NW NW) Unit D**

14. Permit No. **N/A**
Date Issued **N/A**

5. LEASE DESIGNATION AND SERIAL NO.
IMDA 701-98-0013

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache Tribe

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME, WELL NO.
Jicarilla 29-02-20 No. 1

9. API WELL NO.
30-039-26093

10. FIELD AND POOL, OR WILDCAT
Cabresto Canyon; San Jose Ext.

11. SEC. T., R., M. OR BLOCK AND SURVEY OR AREA
Sec. 20, T29N-R02W

15. DATE SPUNDED **1/17/99**
16. DATE TD REACHED **1/24/99**
17. DATE COM (Ready to Prod.)
18. ELEVATION (DF, RKB, RT, GR, E) **7138'**
19. ELEV. CASING HEAD **7139'**

20. TOTAL DEPTH, MD & TVD **3870'**
21. PLUGBACK TD, MD & TVD **3458'**
22. IF MULTIPLE COMPS HOW MANY*
23. INTERVALS DRILLED BY **→**
ROTARY TOOLS **Yes**
CABLE TOOLS **No**

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)
1219'-1241', 1269'-1284', 1298'-1302', 1316'-1320', 1347'-1352', 1387'-1392', 1407'-1411', 1417'-1421', 1443'-1445', 1473'-1476', 1483'-1488', 1560'-1564' Cabresto Canyon; San Jose Ext

25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
27. WAS WELL CORED
No

28. **CASING RECORD (Report all strings set in well)**

| CASING SIZE/GRADE | WEIGHT LB/FT | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|--------------|----------------|-----------|---|---------------|
| 8-5/8" | 24 lb | 534.46' | 12-1/4" | Cmt 350 sxs Class "H" cmt, circ 71 sxs to surface | |
| 5-1/2" | 15.5 lb | 3858.51' | 7-7/8" | Cmt 650 sxs cmt, circ 55 sxs to surface | |

29. **LINER RECORD** 30. **TUBING RECORD**

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|--------------|-------------|------|----------------|-----------------|
| N.A. | | | | | N.A. | N.A. | N.A. |

31. PERFORATION RECORD (Interval, size, and number)
**1219'-1241', 1269'-1284', 4 JSPF (148 holes)
1298'-1302', 1316'-1320', 1347'-1352', 1387'-1392'
1407'-1411', 1417'-1421', 1443'-1445', 1473'-1476',
1483'-1488', 1560'-1564', 2 JSPF (80 holes)
CIBP 1290'**

32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL (MD) **1219'-1284'**
AMOUNT AND KIND OF MATERIAL USED
**Acidize 1060-gals 7-1/2% HCL
Frac 22,500 lbs 12/20 Brady Sand**

33. **PRODUCTION**

DATE FIRST PRODUCTION **N.A.**
PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) **Flowing**
WELL STAT (Producing or Shut In) **SI**

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N FOR TEST PERIOD | OIL - BBL | GAS - MCF | WATER - BBL | GAS-OIL RATIO |
|--------------|--------------|------------|------------------------|-----------|-----------|-------------|---------------|
| 3/3/99 | 12 | 1/4" | → | 0 | 63 | 3 | N/A |

| FLOW TBG PRESS | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL - BBL | GAS - MCF | WATER - BBL | OIL GRAVITY - API (CORR.) |
|----------------|-----------------|-------------------------|-----------|-----------|-------------|---------------------------|
| 30 | 0 | → | 0 | 63 | 3 | N/A |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
SI for evaluation

TEST WITNESSED BY
M. Davis

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Christy Serrano (Christy Serrano) Production Secretary DATE **6-8-99**

(See Instructions and Spaces for Additional Data on Reverse Side)

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37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | |
|-----------|-----|--------|-----------------------------|-----------------|-------------|-----------------|
| | | | | | MEAS. DEPTH | TRUE VERT DEPTH |
| | | | | San Jose | 1468' | |
| | | | | Naclimiento | 2096' | |
| | | | | Ojo Alamo | 3106' | |
| | | | | Kirtland | 3429' | |
| | | | | Pictured Cliffs | 3597' | |
| | | | | Lewis | 3699' | |

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UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

TYPE OF WELL OIL WELL GAS WEL DRY OTHER _____

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF RESVR

5. LEASE DESIGNATION AND SERIAL NO.
IMDA 98-701-0013

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache Tribe

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME, WELL NO.
Jicarilla 29-02-20 No. 1

9. API WELL NO.
30-039-26093

10. FIELD AND POOL, OR WILDCAT
Basin Fruitland Coal

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 20, T29N-R02W

2. NAME OF OPERATOR
Mallon Oil Company

3. ADDRESS AND TELEPHONE NO.
P. O. Box 2797 Durango, CO 81302 (970) 382-9100

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *)
At surface **860' FNL and 660' FWL (NW NW) Unit D**
At top prod. interval reported below **860' FNL and 660' FWL (NW NW) Unit D**
At total depth **860' FNL and 660' FWL (NW NW) Unit D**

14. Permit No. **N/A** Date Issued **N/A**

12. COUNTY OR PARISH **Rio Arriba** 13. STATE **NM**

15. DATE SPUDDED **1/17/99** 16. DATE TD REACHED **1/24/99** 17. DATE COM (Ready to Prod.) _____ 18. ELEVATION (DF, RKB, RT, GR, E) **7138'** 19. ELEV. CASINGHEAD **7139'**

20. TOTAL DEPTH, MD & TVD **3870'** 21. PLUGBACK TD, MD & TVD **3746'** 22. IF MULTIPLE COMPS HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS **Yes** CABLE TOOLS **No**

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*)
3558'-3562', 3566'-3576', 3582'-3585' Basin Fruitland Coal

25. WAS DIRECTIONAL SURVEY MADE **Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN _____ 27. WAS WELL CORED **No**

28. CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT LB/FT | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|--------------|----------------|-----------|---|---------------|
| 8-5/8" | 24 lb | 534.46' | 12-1/4" | Cmt 350 sxs Class "H" cmt, circ 71 sxs to surface | |
| 5-1/2" | 15.5 lb | 3858.51' | 7-7/8" | Cmt 650 sxs cmt, circ 55 sxs to surface | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|--------------|-------------|------|----------------|-----------------|
| N.A. | | | | | N.A. | N.A. | N.A. |

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------------|-----------------|
| N.A. | N.A. | N.A. |

31. PERFORATION RECORD (Interval, size, and number)
3558'-3562', 3566'-3576', 3582'-3585'
4 JSPF (68 Holes)
CIBP 3458'

32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL (MD) **3558'-3585'**
AMOUNT AND KIND OF MATERIAL USED
Acidize 1000 gals. 2 1/2% HCL Acid
Frac 81,900 lbs 20/40 Brady Sand

33. PRODUCTION

DATE FIRST PRODUCTION **N.A.** PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) **Flowing** WELL STAT (Producing or Shut In) **SI**

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N FOR TEST PERIOD | OIL - BBL | GAS - MCF | WATER - BBL | GAS-OIL RATIO |
|--------------|--------------|------------|------------------------|-----------|-----------|-------------|---------------|
| 2/7/99 | 24 | 3/8" | | 0 | 76 | 11 | N/A |

| FLOW TBG PRESS | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL - BBL | GAS - MCF | WATER - BBL | OIL GRAVITY - API (CORR.) |
|----------------|-----------------|-------------------------|-----------|-----------|-------------|---------------------------|
| 10 | 0 | | 0 | 76 | 11 | N/A |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Zone not productive.

TEST WITNESSED BY
M. Davis

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Christy Serrano (Christy Serrano) Production Secretary DATE 6-8-99

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

CONFIDENTIAL

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | |
|-----------|-----|--------|-----------------------------|-----------------|-------------|-----------------|
| | | | | | MEAS. DEPTH | TRUE VERT DEPTH |
| | | | | San Jose | 1468' | |
| | | | | Naclmiento | 2096' | |
| | | | | Ojo Alamo | 3106' | |
| | | | | Kirtland | 3429' | |
| | | | | Pictured Cliffs | 3597' | |
| | | | | Lewis | 3699' | |

0000000000

0000000000

JICARILLA 29-02-20 No 1

| <u>Working Interest Owner(s)</u> | <u>Percentage Interest</u> |
|----------------------------------|----------------------------|
| Mallon Oil Company | 100% |

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Form 3100-5
(LAME 1993)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0125
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals.

5. Lease Designation and Serial No.

6. If Indian, Allots or Tribe Name
Jicarilla Apache Tribe

7. If Unit or CA, Agreement Designation
N/A

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Mallon Oil Company

8. Well Name and No.

Jicarilla 29-02-20 No. 1

3. Address and Telephone No.

P.O. Box 2797 Durango, CO 81302 (970)382-9100

9. Well API No.

3003926093

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

860' FNL and 660' FWL (NW NW) Unit D
Sec. 20, T29N-R02W

10. Field and Pool, or Exploratory Area

E. Blanco; Pictured Cliffs

11. County or Parish, State

Rio Arriba County, New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other: Spud Sundry
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this zone.)

Mallon Oil Company spud the above referenced well on 1-17-99 at 11:00 pm. Drilled 12-1/4" hole, ran 8-5/8" x 24 lb/ft surface casing was set at 534.46'. Cement with 350 sxs Class H cmt, circ 71 sxs to surface.

RECEIVED
FEB 10 1999

OIL CON. DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed

Christy Sorzano

Title

Production Secretary

Date

1-20-99

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

Approved B

[Signature]

Title

Lands and Mineral Resources

Date

FEB 4 1999

Conditions of approval, if any.

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

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