

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

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

FEB - 9 2000

OIL CONSERVATION DIVISION

APPLICATION FOR NEW WELL STATUS

I. Operator and Well

| | | | | | | | | |
|---|---------------|-----------------|-------------|-----------------------|---------------------------|----------------------|-----------------------------|----------------------|
| Operator name & address MALLON OIL COMPANY 999 18TH STREET SUITE 1700 DENVER, COLORADO 80202 | | | | | | | OGRID Number 13925 | |
| Contact Party LORA L MUSTOE | | | | | | | Phone 303-293-2333 X1330 | |
| Property Name JICARILLA 464 SJ | | | | | Well Number 3 | | API Number 30-039-27236 | |
| UL H | Section 30 | Township 30N | Range 3W | Feet From The 1541 | North/South Line NORTH | Feet From The 868 | East/West Line EAST | County RIO ARRIBA |

II. Date/Time Information

| | | | |
|-----------------------|----------------------|----------------------------|--|
| Spud Date 10-30-99 | Spud Time 5:45 PM | Date Completed 12/15/99 | Pool CABRESTO CANYON; 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.

LORA MUSTOE, 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: Lora Mustoe Title REVENUE COMPLIANCE CONTACT Date 2-3-00

SUBSCRIBED AND SWORN TO before me this 3 day of February, 2000.

Carol Naranjo
Notary Public

My Commission expires: 11/22/03

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 Kelly</u> | Title <u>P.E. Spee.</u> | Date <u>FEB 14 2000</u> |
|--------------------------------|----------------------------|----------------------------|

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 2/14/00

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

PVZV2010848701

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

SUBMIT IN DUPLICATE*
(See other instructions
on reverse side)FORM APPROVED
OMB NO. 1004-0137

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

| | | | | | | | | | | | |
|---|--|-----------------------------------|--|---|--|---|--|--|--|-----------------------------------|--|
| 1a. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WEL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> | | | | | | 5. LEASE DESIGNATION AND SERIAL NO. Jic 464 | | | | | |
| b. TYPE OF COMPLETION NEW <input type="checkbox"/> WORK <input type="checkbox"/> DEEP- <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF <input type="checkbox"/> WELL <input checked="" type="checkbox"/> OVER <input type="checkbox"/> EN <input type="checkbox"/> BACK <input type="checkbox"/> RESVR <input type="checkbox"/> | | | | | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache Tribe | | | | | |
| 2. NAME OF OPERATOR Mallon Oil Company | | | | | | 7. UNIT AGREEMENT NAME N.A. | | | | | |
| 3. ADDRESS AND TELEPHONE NO. P. O. Box 2797 Durango, CO 81302 (970) 382-9100 | | | | | | 8. FARM OR LEASE NAME, WELL NO. Jicarilla 464 SJ No. 3 | | | | | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 1541' FNL and 868' FEL (SE NE) Unit H At top prod. interval reported below 1541' FNL and 868' FEL (SE NE) Unit H At total depth 1541' FNL and 868' FEL (SE NE) Unit H | | | | | | 9. API WELL NO. 30-039-27236 | | | | | |
| 14. Permit No. N/A | | | | | | Date issued N/A | | | | | |
| 15. DATE SPUDDED 10/30/99 | | | | | | 16. DATE TD REACHED 11/4/99 | | | | | |
| 17. DATE COM (Ready to Prod.) 12/15/99 | | | | | | 18. ELEVATION (DF, RKB, RT, GR, E) 7222 | | | | | |
| 19. ELEV. CASINGHEAD 7223 | | | | | | 20. TOTAL DEPTH, MD & TVD 2100' | | | | | |
| 21. PLUGBACK TD, MD & TVD 2048' | | | | | | 22. IF MULTIPLE COMPS, HOW MANY* 23. INTERVALS DRILLED BY → | | | | | |
| 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 1580'-1598', 1642'-1648', 1660'-1674', 1684'-1692' | | | | | | 25. WAS DIRECTIONAL SURVEY MADE Yes | | | | | |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN DIL; SDLIDSN | | | | | | 27. WAS WELL CORED N.A. | | | | | |
| 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 | | 238' | | 12-1/4' | | cmt 120 sxs Type 3 cmt | | | |
| | | | | | | | | circ 16 sxs to surface | | | |
| 4-1/2' | | 10.5 | | 2091' | | 6-3/4' | | cmt 300 sxs 50/50 poz | | | |
| | | | | | | | | circ 12 sxs to surface | | | |
| 29. LINER RECORD | | | | 30. TUBING RECORD | | | | | | | |
| SIZE | | TOP (MD) | | BOTTOM (MD) | | SACKS CEMENT | | SCREEN (MD) | | SIZE | |
| N.A. | | | | | | | | | | 1.9 | |
| | | | | | | | | | | 1501' | |
| | | | | | | | | | | 1502' | |
| 31. PERFORATION RECORD (Interval, size, and number) 1580'-1598', 1642'-1648', 1660'-1674', 1684'-1692' 2 JSPF (92 holes) Cabresto Canyon; San Jose Ext. | | | | | | 32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) 1580'-1674' | | AMOUNT AND KIND OF MATERIAL USED acidize 3200 gal 7-1/2% HCL acid frac 241 bbls gel, 337,000 SCF N2 3800 lbs 12/20 Brady Sand 12,750 lbs 12/20 Super HT Sand | | | |
| 33. PRODUCTION | | | | | | | | | | | |
| DATE FIRST PRODUCTION 12/17/99 | | | | PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing | | | | WELL STAT (Producing or Shut In) Producing | | | |
| DATE OF TEST 12/19/99 | | HOURS TESTED 24 | | CHOKE SIZE metered | | PROD'N FOR TEST PERIOD → | | OIL - BBL 0 | | GAS - MCF 832 | |
| FLOW TBG PRESS 95 | | CASING PRESSURE 0 | | CALCULATED 24-HOUR RATE → | | OIL - BBL 0 | | GAS - MCF 832 | | WATER - BBL <1 | |
| | | | | | | | | | | OIL GRAVITY - API (CORR.) N.A. | |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold | | | | | | TEST WITNESSED BY J. Angel | | | | | |
| 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 1-11-00 | | | |

*(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

ACCEPTED FOR RECORD

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored 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 | 1630' | |
| | | | | Nacimiento | 2037' | |
| | | | | Ojo Alamo | | |
| | | | | Kirtland | | |
| | | | | Pictured Cliffs | | |
| | | | | Lewis | | |

Mallon Oil Company

a Mallon Resources Subsidiary

Denver/Colorado ♦ Durango/Colorado ♦ Carlsbad/New Mexico

November 15, 1999

Bureau of Land Management
435 Montano, NE
Albuquerque, NM 87107-4935

RE: Confidential Status

Jicarilla 464 SJ No. 3
Sec. 30, T30N-R03W

Dear Mrs. Hester

Mallon Oil Company requests that information (including logs and sundry notices) pertaining to the referenced wells be kept confidential for as much time as the Bureau of Land Management will allow.

Thank you for your assistance. Should you have any questions regarding this matter please feel free to contact me at (970) 382-9100.

Sincerely,

MALLON OIL COMPANY



Christy Serrano
Production Secretary

Enclosures

CONFIDENTIAL

Form 3100-5
(JUNE 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0135
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.

SUBMIT IN TRIPLICATE

| | | |
|---|--|--|
| 1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other: | | 5. Lease Designation and Serial No. |
| 2. Name of Operator Mallon Oil Company | | 6. If Indian, Allottee or Tribe Name Jicarilla Apache Tribe |
| 3. Address and Telephone No. P.O. Box 2797 Durango, CO 81302 (970)382-9100 | | 7. If Unit or CA, Agreement Designation N/A |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1541 FNL 868 FEL Sec 30, T30N-R03W Unit H | | 8. Well Name and No. Jicarilla 464 SJ No. 3 |
| | | 9. Well API No. |
| | | 10. Field and Pool, or Exploratory Area Cabresto Canyon, San Jose Ext |
| | | 11. County or Parish, State Rio Arriba, New Mexico |

| 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | |
|---|--|
| TYPE OF SUBMISSION | TYPE OF ACTION |
| <input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other: Spud Sundry <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> 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 October 30, 1999 at 5:45pm. Drilled 12-1/4" hole; 8-5/8" surface casing was set at 238'. Cemented 120 sxs Type 3. Circ 16 sxs to surface.

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

Signed

*Christy Senamo*Title Production ClerkDate 11-15-99

(If 45 SPACE FOR FEDERAL OR STATE OFFICE USE)

Approved B _____

Title _____

Date _____

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

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

SUBMIT IN DUPLICATE
(See other instructions
on reverse side)FORM APPROVED
OMB NO. 1004-0137

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

| | | | | | | | |
|---|--|--|--|--|--|---|--|
| 1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ | | | | | | 5. LEASE DESIGNATION AND SERIAL NO. Jic 464 | |
| b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> | | | | | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache Tribe | |
| 2. NAME OF OPERATOR Mallon Oil Company | | | | | | 7. UNIT AGREEMENT NAME N.A. | |
| 3. ADDRESS AND TELEPHONE NO. P. O. Box 2797 Durango, CO 81302 (970) 382-9100 | | | | | | 8. FARM OR LEASE NAME, WELL NO. Jicarilla 464 SJ No. 3 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 1541' FNL and 868' FEL (SE NE) Unit H At top prod. interval reported below 1541' FNL and 868' FEL (SE NE) Unit H At total depth 1541' FNL and 868' FEL (SE NE) Unit H | | | | | | 9. API WELL NO. 30-039-27236 | |
| 14. Permit No. N/A | | | | | | Date Issued N/A | |
| 15. DATE SPUDDED 10/30/99 | | | | | | 12. COUNTY OR PARISH Rio Arriba | |
| 16. DATE TD REACHED 11/4/99 | | | | | | 13. STATE NM | |
| 17. DATE COM (Ready to Prod.) 12/15/99 | | | | | | 10. FIELD AND POOL, OR WILDCAT Cabresto Canyon; San Jose Ext. | |
| 18. ELEVATION (DF, RKB, RT, GR, E) 7222 | | | | | | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 30, T30N,R03W | |
| 19. ELEV. CASINGHEAD 7223 | | | | | | 12. COUNTY OR PARISH Rio Arriba | |
| 20. TOTAL DEPTH, MD & TVD 2100' | | | | | | 13. STATE NM | |
| 21. PLUGBACK TD, MD & TVD 2048' | | | | | | 14. PERMIT NO. N/A | |
| 22. IF MULTIPLE COMPS HOW MANY* → | | | | | | 15. DATE SPUDDED 10/30/99 | |
| 23. INTERVALS DRILLED BY → | | | | | | 16. DATE TD REACHED 11/4/99 | |
| 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 1580'-1598', 1642'-1648', 1660'-1674', 1684'-1692' | | | | | | 17. DATE COM (Ready to Prod.) 12/15/99 | |
| 25. TYPE ELECTRIC AND OTHER LOGS RUN DIL; SDLDSN | | | | | | 18. ELEVATION (DF, RKB, RT, GR, E) 7222 | |
| 26. CASING RECORD (Report all strings set in well) | | | | | | 19. ELEV. CASINGHEAD 7223 | |
| 27. WAS DIRECTIONAL SURVEY MADE Yes | | | | | | 20. TOTAL DEPTH, MD & TVD 2100' | |
| 28. WAS WELL CORED N.A. | | | | | | 21. PLUGBACK TD, MD & TVD 2048' | |
| 29. CASING SIZE/GRADE 8-5/8" | | | | | | 22. IF MULTIPLE COMPS HOW MANY* → | |
| 30. WEIGHT LB/FT 24 | | | | | | 23. INTERVALS DRILLED BY → | |
| 31. DEPTH SET (MD) 238' | | | | | | 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 1580'-1598', 1642'-1648', 1660'-1674', 1684'-1692' | |
| 32. HOLE SIZE 12-1/4' | | | | | | 25. TYPE ELECTRIC AND OTHER LOGS RUN DIL; SDLDSN | |
| 33. TOP OF CEMENT, CEMENTING RECORD cmt 120 sxs Type 3 cmt | | | | | | 26. CASING RECORD (Report all strings set in well) | |
| 34. AMOUNT PULLED circ 16 sxs to surface | | | | | | 27. WAS DIRECTIONAL SURVEY MADE Yes | |
| 35. 4-1/2' | | | | | | 28. WAS WELL CORED N.A. | |
| 36. 10.5 | | | | | | 29. CASING SIZE/GRADE 8-5/8" | |
| 37. 2091' | | | | | | 30. WEIGHT LB/FT 24 | |
| 38. 6-3/4' | | | | | | 31. DEPTH SET (MD) 238' | |
| 39. circ 12 sxs to surface | | | | | | 32. HOLE SIZE 12-1/4' | |
| 40. LINER RECORD | | | | | | 33. TOP OF CEMENT, CEMENTING RECORD cmt 120 sxs Type 3 cmt | |
| 41. SIZE N.A. | | | | | | 34. AMOUNT PULLED circ 16 sxs to surface | |
| 42. TOP (MD) | | | | | | 35. 4-1/2' | |
| 43. BOTTOM (MD) | | | | | | 36. 10.5 | |
| 44. SACKS CEMENT | | | | | | 37. 2091' | |
| 45. SCREEN (MD) | | | | | | 38. 6-3/4' | |
| 46. SIZE 1.9 | | | | | | 39. circ 12 sxs to surface | |
| 47. DEPTH SET (MD) 1501' | | | | | | 40. LINER RECORD | |
| 48. PACKER SET (MD) 1502' | | | | | | 41. SIZE N.A. | |
| 49. PERFORATION RECORD (Interval, size, and number) 1580'-1598', 1642'-1648', 1660'-1674', 1684'-1692' 2 JSPF (92 holes) Cabresto Canyon; San Jose Ext. | | | | | | 42. TOP (MD) | |
| 50. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) 1580'-1674' AMOUNT AND KIND OF MATERIAL USED acidize 3200 gal 7-11/2% HCL acid frac 241 bbls gel, 337,000 SCF N2 3800 lbs 12/20 Brady Sand 12,750 lbs 12/20 Super HT Sand | | | | | | 43. BOTTOM (MD) | |
| 51. PRODUCTION DATE FIRST PRODUCTION 12/17/99 PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing WELL STAT (Producing or Shut In) Producing | | | | | | 44. SACKS CEMENT | |
| 52. DATE OF TEST 12/19/99 HOURS TESTED 24 CHOKE SIZE metered PROD'N FOR TEST PERIOD → | | | | | | 45. SCREEN (MD) | |
| 53. OIL - BBL 0 GAS - MCF 832 WATER - BBL <1 GAS-OIL RATIO N.A. | | | | | | 46. SIZE 1.9 | |
| 54. FLOW TBG PRESS 95 CASING PRESSURE 0 CALCULATED 24-HOUR RATE → | | | | | | 47. DEPTH SET (MD) 1501' | |
| 55. OIL - BBL 0 GAS - MCF 832 WATER - BBL <1 OIL GRAVITY - API (CORR.) N.A. | | | | | | 48. PACKER SET (MD) 1502' | |
| 56. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold | | | | | | 49. PERFORATION RECORD (Interval, size, and number) 1580'-1598', 1642'-1648', 1660'-1674', 1684'-1692' 2 JSPF (92 holes) Cabresto Canyon; San Jose Ext. | |
| 57. TEST WITNESSED BY J. Angel | | | | | | 50. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) 1580'-1674' AMOUNT AND KIND OF MATERIAL USED acidize 3200 gal 7-11/2% HCL acid frac 241 bbls gel, 337,000 SCF N2 3800 lbs 12/20 Brady Sand 12,750 lbs 12/20 Super HT Sand | |
| 58. LIST OF ATTACHMENTS | | | | | | 51. PRODUCTION DATE FIRST PRODUCTION 12/17/99 PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing WELL STAT (Producing or Shut In) Producing | |
| 59. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records | | | | | | 52. DATE OF TEST 12/19/99 HOURS TESTED 24 CHOKE SIZE metered PROD'N FOR TEST PERIOD → | |
| 60. SIGNED Christy Serrano (Christy Serrano) Production Secretary DATE 1-11-00 | | | | | | 53. OIL - BBL 0 GAS - MCF 832 WATER - BBL <1 GAS-OIL RATIO N.A. | |
| 61. (See Instructions and Spaces for Additional Data on Reverse Side) | | | | | | 54. FLOW TBG PRESS 95 CASING PRESSURE 0 CALCULATED 24-HOUR RATE → | |
| 62. 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 | | | | | | 55. OIL - BBL 0 GAS - MCF 832 WATER - BBL <1 OIL GRAVITY - API (CORR.) N.A. | |

CONFIDENTIAL

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored 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 | 1630' | |
| | | | | Nacimiento | 2037' | |
| | | | | Ojo Alamo | | |
| | | | | Kirtland | | |
| | | | | Pictured Cliffs | | |
| | | | | Lewis | | |

DISTRICT II
P.O. Drawer 10, Aztec, N.M. 87411-0710DISTRICT III
P.O. Box 2088, Santa Fe, N.M. 87504-2088DISTRICT IV
P.O. Box 2088, Santa Fe, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, NM 87504-2088Instructions on back
Mail to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | |
|------------------------------------|---|----------------------------|---|
| *API Number 30-039-27236 | | *Pool Code 96822 | *Pool Name Cabresto Canyon; San Jose ext. |
| *Property Code 24939 | *Property Name JICARILLA 464 S.J. | | *Well Number 3 |
| *GRID No. 013925 | *Operator Name MALLON OIL COMPANY | | *Elevation 7222 |

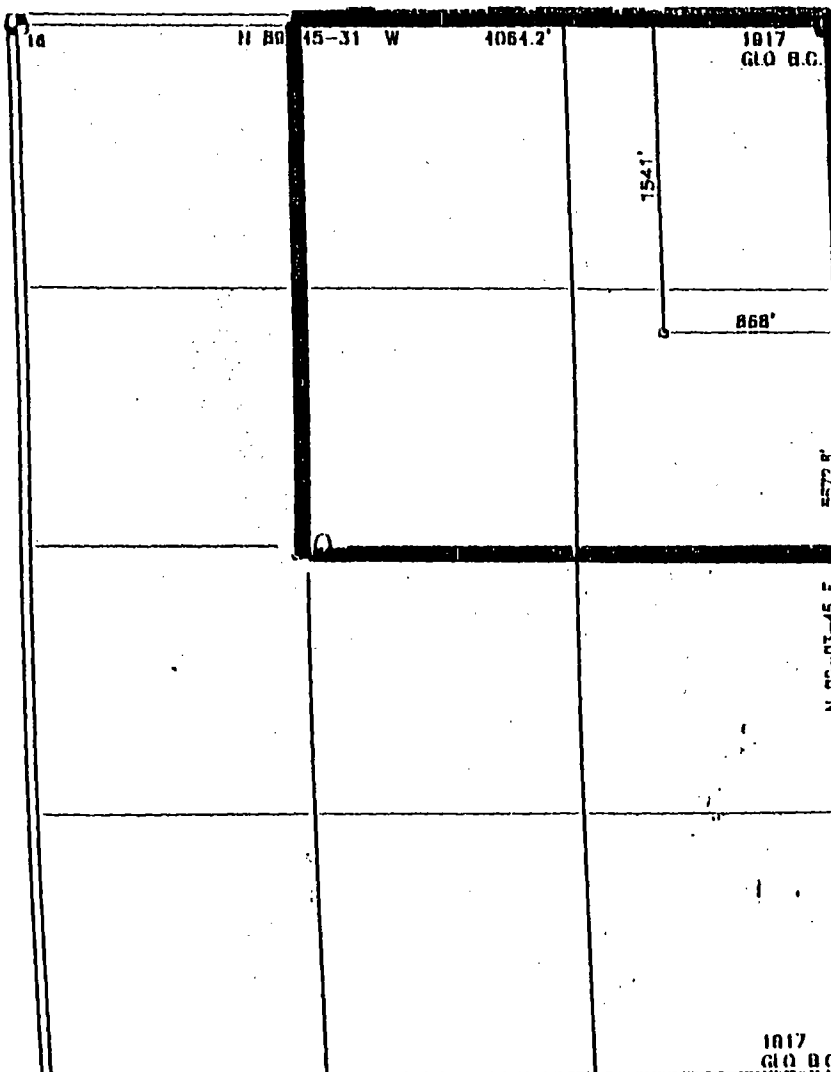
10 Surface Location

| Well or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
| 11 | 30 | 30-N | 3-W | | 1541 | NORTH | 868 | EAST | RIO ARriba |

11 Bottom Hole Location If Different From Surface

| Well or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| *Dedicated Acres | *Joint or Infill | *Consolidation Code | *Order No. |
|------------------|------------------|---------------------|------------|
| 173 | | | |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION1817
GLO B.C.1817
GLO B.C.

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature

Terry Lindeman

Printed Name

Operations Superintendent

Title

July 5, 1999

Date

N 03-03-45 E

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief

Date of Survey

Signature of Professional Surveyor

Seal of Professional Surveyor

8894

8894

8894

8894

8894

8894

8894

8894

8894

8894

8894

Mallon Oil Company

Denver/Colorado ♦ Durango/Colorado ♦ Carlsbad/New Mexico

a Mallon Resources Subsidiary

January 11, 2000

Bureau of Land Management
435 Montano, NE
Albuquerque, NM 87107-4935

RE: Confidential Status

Jicarilla 464 SJ No. 3
Sec. 30, T30N-R03W

Dear Mr. Davis

Mallon Oil Company requests that information (including logs and sundry notices) pertaining to the referenced wells be kept confidential for as much time as the Bureau of Land Management will allow.

Thank you for your assistance. Should you have any questions regarding this matter please feel free to contact me at (970) 382-9100.

Sincerely,

MALLON OIL COMPANY



Christy Serrano
Production Secretary

Enclosures

Mallon Oil Company
999 18th Street Suite 1700
Denver, Colorado 80202

A Mallon Resources subsidiary

phone 303-293-2333
fax 303-293-3601

February 3, 2000

New Mexico Energy and Natural Resources Dept
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Attn: Mark Ashley

Re: New Well Status

Dear Mark:

Enclosed for your perusal, are five (5) new applications for new well status for the following properties:

| | |
|------------------------|-------------------|
| Jicarilla 464 SJ No 3 | Rio Arriba County |
| Jicarilla 459 SJ No. 8 | Rio Arriba County |
| Jicarilla 458 SJ No 2 | Rio Arriba County |
| Jicarilla 459 SJ No 2 | Rio Arriba County |
| Jicarilla 464 SJ No 1 | Rio Arriba County |

As we receive accepted copies of the 3160-4's and 3160-5's, I will submit them to you.

The working interest ownership for all of the above wells is:

| | | | |
|--------------------------------|----------|--------------------|----------|
| James R Conway Revocable Trust | 2.50000% | William G Dedert | 2.50000% |
| John P Simmet | .83334% | Peter C Simmet | .83333% |
| Robert P Simmet | .83333% | Roger R Mitchell | .08848% |
| Eugene A Lehman | .11797% | Philip G Lux | .23594% |
| Richard W Stout | .23594% | Richard Kijowski | .11797% |
| Synergy Operating LLC | .20000% | Mallon Oil Company | 71.7037% |

Sincerely,

MALLON OIL COMPANY


Lora L. Mustoe