

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 GAS WELL DRY OTHER _____

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

5. LEASE DESIGNATION AND SERIAL NO.
Jic 459

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

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME, WELL NO.
Jicarilla 459 SJ No. 2

9. API WELL NO.
30-039-26232

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

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 20, T30N-R03W

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 **1648' FNL and 700' FWL (SW NW) Unit E**
At top prod. interval reported below **1648' FNL and 700' FWL (SW NW) Unit E**
At total depth **1648' FNL and 700' FWL (SW NW) Unit E**

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

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

15. DATE SPUNDED **11/13/99** 16. DATE TD REACHED **11/17/1999** 17. DATE COM (Ready to Prod.) **12/14/99** 18. ELEVATION (DF, RKB, RT, GR, E) **7162** 19. ELEV. CASINGHEAD **7163**

20. TOTAL DEPTH, MD & TVD **2100'** 21. PLUGBACK TD, MD & TVD **2018'** 22. IF MULTIPLE COM. HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS **Yes** CABLE TOOLS **N/A**

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*)
1549'-1565', 1581'-1592' Cabresto Canyon; San Jose Ext.

25. WAS DIRECTIONAL SURVEY MADE **Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL, SDL/DSN

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	239	12-1/4"	cmt 120 sxs Type 3 cmt	
				circ 32 sxs to surface	
4-1/2"	11.6	2091'	6-3/4"	cmt 286 sxs Type 3 50:50 poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	30. TUBING RECORD
					SIZE 1.9 DEPTH SET (MD) 1552.44 PACKER SET (MD) N.A.

31. PERFORATION RECORD (Interval, size, and number)
1549'-1565', 1581'-1592'
2 JSPF (54 holes)

32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL (MD) **1549'-1565'**
AMOUNT AND KIND OF MATERIAL USED
acidize 2000 gal 7-1/2% acid
frac 32,000 gals 75% N2
17,000 lbs 12/20 Brady Sand
25,000 lbs 12/20 Sand

33. PRODUCTION

DATE FIRST PRODUCTION **12/15/99** PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) **Flowing** WELL STAT (Producing or Shut In) **Producing**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
12/9/99	24	3/8"		0	480	6	N.A.

FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY - API (CORR.)
140	0		0	480	6	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 12-21-99

*(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

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PVZV2010848464

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

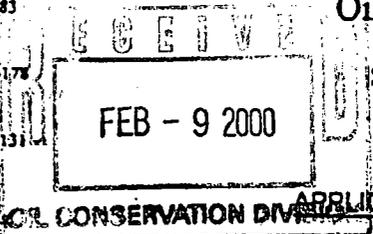
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPT	TRUE VERT DEPTH
				San Jose	1535'	
				Nacimiento		
				Ojo Alamo		
				Kirtland		
				Pictured Cliffs		
				Lewis		

CONFIDENTIAL

District I - (505) 393-6161
1025 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

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



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 459 SJ NO 2				Well Number 2		API Number 30-039-26232		
UL E	Section 20	Township 30 N	Range 3 W	Feet From The 1648	North/South Line NORTH	Feet From The 700	East/West Line WEST	County RIO ARriba

II. Date/Time Information

Spud Date 11-13-99	Spud Time 4:00pm	Date Completed 12/14/99	Pool CABRESTO CANYON; SAN JOSE EXT.
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- 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: [Signature] Title REVENUE COMPLIANCE CONTACT Date 2-3-00

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

[Signature]
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>[Signature]</u>	Title <u>P.E. Spec.</u>	Date <u>FEB 14 2000</u>
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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.

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Form 3160-5
(JUNE 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

5. Lease Designation and Serial No.

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

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

8. Well Name and No.
Jicarilla 459 SJ No. 2

9. Well API No.
30-039-26232

10. Field and Pool, or Exploratory Area
Cabresto Canyon; San Jose Ext.

11. County or Parish, State
Rio Arriba, New Mexico

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other:

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 (Footage, Sec., T., R., M., or Survey Description)

1648' FNL and 700' FWL (SW NW) Unit E
Sec. 20, T30N-R03W

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 11-13-99 at 4:00 pm. Drilled 12-1/4" hole, 8-5/8" x 24 lb/ft surface casing was set at 239'. Cemented 120 sxs Type 3 cmt, circulated 32 sxs to surface.

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

Signed

Christy Senano

Title

Production Clerk

Date

11-19-99

(THIS 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

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Mallon Oil Company

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

a Mallon Resources Subsidiary

November 19, 1999

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

RE: Confidential Status

Jicarilla 459 SJ No. 2
Sec. 20, 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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

5. LEASE DESIGNATION AND SERIAL NO.
Jic 459

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

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME, WELL NO.
Jicarilla 459 SJ No. 2

9. API WELL NO.
30-039-26232

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

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 20, T30N-R03W

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

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At top prod. interval reported below **1648' FNL and 700' FWL (SW NW) Unit E**
At total depth **1648' FNL and 700' FWL (SW NW) Unit E**

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

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

15. DATE SPURRED **11/13/99** 16. DATE TD REACHED **11/17/1999** 17. DATE COM (Ready to Prod) **12/14/99** 18. ELEVATION (DF, RKB, RT, GR, E) **7162** 19. ELEV. CASINGHEAD **7163**

20. TOTAL DEPTH, MD & TVD **2100'** 21. PLUGBACK TD, MD & TVD **2018'** 22. IF MULTIPLE COMPS HOW MANY* _____ 23. INTERVALS DRILLED BY **→** ROTARY TOOLS **Yes** CABLE TOOLS **N/A**

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
1549'-1565', 1581'-1592' Cabresto Canyon; San Jose Ext.

25. WAS DIRECTIONAL SURVEY MADE **Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL, SDL/DSN

27. WAS WELL CORED **N/A**

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CASING SIZE/GRADE	WEIGHT LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
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4-1/2"	11.6	2091'	6-3/4"	circ 32 sxs to surface cmt 286 sxs Type 3 50:50 poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1.9	1552.44	N.A.

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size, and number)
1549'-1565', 1581'-1592'
2 JSPF (54 holes)

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DATE FIRST PRODUCTION **12/15/99** PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) **Flowing** WELL STAT (Producing or Shut In) **Producing**

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140	0	→	0	480	6	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 12-21-99

*(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; 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	1535'	
				Nacimiento		
				Ojo Alamo		
				Kirtland		
				Pictured Cliffs		
				Lewis		

CORRECTION

DISTRICT I
P.O. Box 1880, Hobbs, N.M. 88241-1880

DISTRICT II
P.O. Drawer DD, Artesia, N.M. 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
PO Box 8488, Santa Fe, NM 87504-2088

State of New Mexico
Geology, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26232		*Pool Code 96822	*Pool Name Cabresto Canyon; San Jose ext.
*Property Code 24940	*Property Name JICARILLA 459SJ		*Well Number 2
*GRID No. 013925	*Operator Name MALLON OIL COMPANY		*Elevation 7162'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	20	30-N	3-W		1648	NORTH	700	WEST	RIO ARRIBA

¹¹ Bottom Hole Location if Different From Surface

UL 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.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

FD. U.S.G.L.O.
BRASS CAP 1817 N 89-57-17 E 2628.8'

<p>18</p>	<p>FD. MOUND OF STONES WITH B.T.</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Terry Lindeman</i> Signature Terry Lindeman Printed Name Operations Superintendent Title July 26, 1999 Date</p>
		<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>ROY A. RUSH REGISTERED PROFESSIONAL LAND SURVEYOR NEW MEXICO Date of Survey Signature and Seal of Professional Surveyor 8894 Certificate Number</p>

Mallon Oil Company

a Mallon Resources Subsidiary

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

December 21, 1999

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

RE: Confidential Status

Jicarilla 459 SJ No. 2
Sec. 20, 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

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

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
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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