

District I - (505) 393-5161
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

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 458 SJ No 2					Well Number 2		API Number 30-039-26182	
UL 0	Section 7	Township 30N	Range 03W	Feet From The 864	North/South Line SOUTH	Feet From The 1345	East/West Line EAST	County RIO ARRIBA

II. Date/Time Information

Spud Date 11-17-99	Spud Time 3:00 pm	Date Completed 12/22/99	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)

ss.

County of DENVER)

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 2-3-00SUBSCRIBED AND SWORN TO before me this 3rd day of February, 2000.

Carol Narango
Notary Public

My Commission expires: 01/22/03

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 Sahby</u>	Title <u>P.E. Spee</u>	Date <u>FEB 21 2000</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 2/21/00

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

pV2V2010849415

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**CONFIDENTIAL**
SUBMIT IN DUPLICATE
(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 458	
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 458 SJ No. 2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 864 FSI and 1345' FEL (SW SE) Unit O At top prod. interval reported below 864 FSI and 1345' FEL (SW SE) Unit O At total depth 864 FSI and 1345' FEL (SW SE) Unit O		9. API WELL NO. 30-039-26182	
14. Permit No. N/A		Date Issued N/A	
15. DATE SPUDDED 11/17/99		16. DATE TD REACHED 11/21/99	
17. DATE COM (Ready to Prod.) 12/22/99		18. ELEVATION (DF, RKB, RT, GR,) 7009	
19. ELEV. CASINGHEAD 7010		12. COUNTY OR PARISH Rio Arriba	
13. STATE NM		10. FIELD AND POOL, OR WILDCAT Cabresto Canyon; San Jose Ext.	
20. TOTAL DEPTH, MD & TVD 2100'		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 7, T30N-R03W	
21. PLUGBACK TD, MD & TVD 2028'		22. IF MULTIPLE COM HOW MANY* →	
23. INTERVALS DRILLED BY →		ROTARY TOOLS Yes	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 1641'-1646', 1474'-1485', 1452'-1461' 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 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	238'	12-1/4"	cmt 120 sxs Type 3 cmt,	
				circ 12 sxs to surface	
4-1/2"	11.6	2097'	6-3/4"	cmt 350 sxs 50:50 poz	
				circ 48 sxs to surface	

29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP (MD)	SIZE	DEPTH SET (MD)
N.A.		1.9	1453'

31. PERFORATION RECORD (Interval, size, and number) 1641'-1646', 1474'-1485', 1452'-1461' 2 JSPF (50 holes) Cabresto Canyon; San Jose Ext.		32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) 1641'-1646' 1474'-1461' AMOUNT AND KIND OF MATERIAL USED acidize 800 gal 7-1/2% HCL acid acidize 2080 gal 7-1/2% HCL acid, frac 32,000 gal 75% N2 foam, 17,000 lbs 12/20 Brady Sand; 25,000 lbs 12/20 sand	
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33. PRODUCTION	
DATE FIRST PRODUCTION 12/23/99	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing
DATE OF TEST 12/14/99	WELL STA (Producing or Shut In) Producing
HOURS TESTED 24	CHOKE SIZE 3/8"
PROD'N FOR TEST PERIOD →	OIL - BBL 0
GAS - MCF 197	WATER - BBL 24
GAS-OIL RATIO N.A.	

FLOW TBG PRESS 50	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL - BBL 0	GAS - MCF 197	WATER - BBL 24	OIL GRAVITY - API (CORR.) N.A.
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		TEST WITNESSED BY J. Angel	
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35. LIST OF ATTACHMENTS	
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36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
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SIGNED Christy Serrano (Christy Serrano)	Production Secretary	DATE 1-20-00
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*(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	1405'	

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL
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 <input type="checkbox"/>		7. UNIT AGREEMENT NAME N.A.	
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"/>		8. FARM OR LEASE NAME, WELL NO. Jicarilla 458 SJ No. 2	
2. NAME OF OPERATOR Mallon Oil Company		9. API WELL NO. 30-039-26182	
3. ADDRESS AND TELEPHONE NO. P. O. Box 2797 Durango, CO 81302 (970) 382-9100		10. FIELD AND POOL, OR WILDCAT Cabresto Canyon; San Jose Ext.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 864 FSI and 1345' FEL (SW SE) Unit O At top prod. interval reported below 864 FSI and 1345' FEL (SW SE) Unit O At total depth 864 FSI and 1345' FEL (SW SE) Unit O		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 7, T30N-R03W	
14. Permit No. N/A		Date Issued N/A	
15. DATE SPUDDED 11/17/99		16. DATE TD REACHED 11/21/99	
17. DATE COM (Ready to Prod.) 12/22/99		18. ELEVATION (DF, RKB, RT, GR,) 7009	
19. ELEV. CASING HEAD 7010		12. COUNTY OR PARISH Rio Arriba	
13. STATE NM			

20. TOTAL DEPTH, MD & TVD 2100'	21. PLUGBACK TD, MD & TVD 2028'	22. IF MULTIPLE COM 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*) 1641'-1646', 1474'-1485', 1452'-1461' 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 No	

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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 12 sxs to surface	
4-1/2"	11.6	2097'	6-3/4"	cmt 350 sxs 50:50 poz	
				circ 48 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.					1.9	1453'	

31. PERFORATION RECORD (Interval, size, and number) 1641'-1646', 1474'-1485', 1452'-1461' 2 JSPF (50 holes) Cabresto Canyon; San Jose Ext.		32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) 1641'-1646' 1474'-1461' AMOUNT AND KIND OF MATERIAL USED acidize 800 gal 7-1/2% HCL acid acidize 2080 gal 7-1/2% HCL acid, frac 32,000 gal 75% N2 foam, 17,000 lbs 12/20 Brady Sand; 25,000 lbs 12/20 sand	
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33.* PRODUCTION							
DATE FIRST PRODUCTION 12/23/99		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STA (Producing or Shut In) Producing	
DATE OF TEST 12/14/99	HOURS TESTED 24	CHOKE SIZE 3/8"	PROD'N FOR TEST PERIOD →	OIL - BBL 0	GAS - MCF 197	WATER - BBL 24	GAS-OIL RATIO N.A.
FLOW TBG PRESS 50	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL - BBL 0	GAS - MCF 197	WATER - BBL 24	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 1-20-00

*(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

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	1405'	

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DISTRICT I
P.O. Box 1980, Hobbs, N.M. 88241-1980

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

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

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, 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 30-039-26182		*Pool Code 96822		*Pool Name Cabresto Canyon; San Jose Ext.	
*Property Code 24998		*Property Name JICARILLA 45B S.J.			*Well Number 2
*OGRID No. 013925		*Operator Name MALLON OIL CO.			*Elevation 7009'

¹⁰ Surface Location

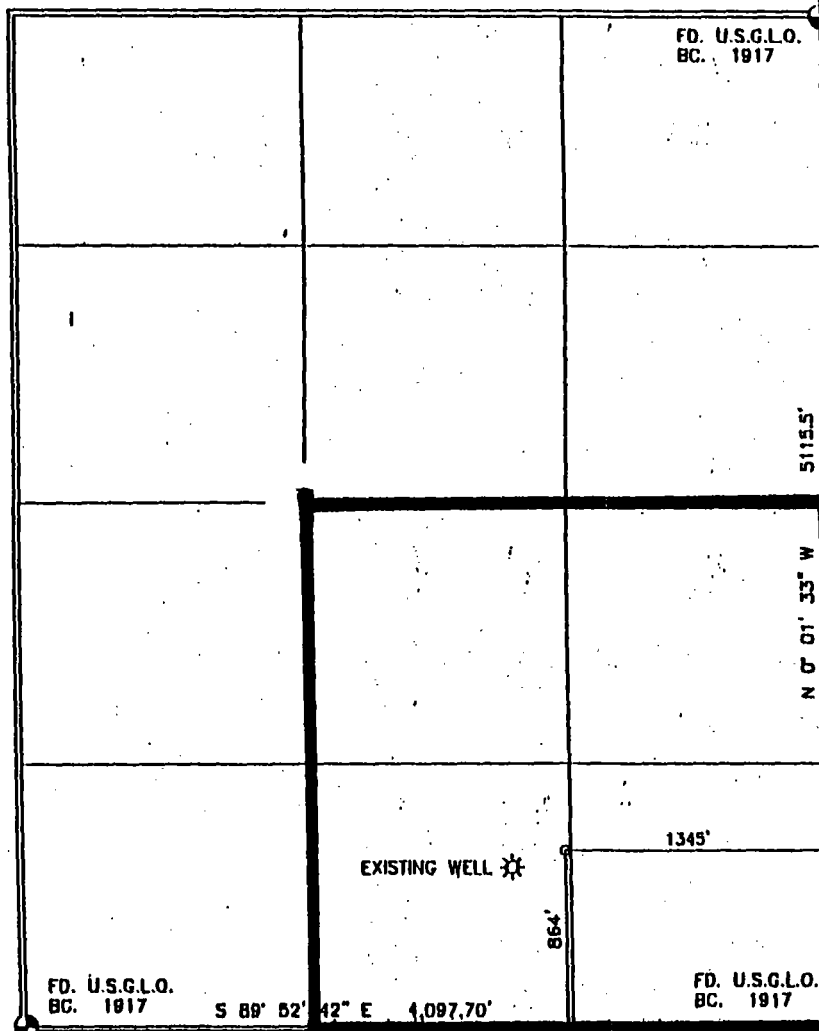
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	7	30-N	3-W		864	SOUTH	1345	EAST	RIO ARRIBA

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



¹⁷ OPERATOR CERTIFICATION

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

Christy Serrano
Signature
Christy Serrano
Printed Name
Production Clerk
Title
November 16, 1999
Date

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 knowledge and belief

[Signature]
Date of Survey
Signature and Seal of Professional Surveyor
8894
Certificate Number

Mallon Oil Company

a Mallon Resources Subsidiary

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

January 20, 2000

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

RE: Confidential Status

Jicarilla 458 SJ No. 2
Sec. 7, 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

Christy Serrano
Production Secretary

Enclosures

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, Alibite 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) 864' FSL and 1345' FEL (SW SE) Unit O Sec. 7, T30N-R03W	8. Well Name and No. Jicarilla 458 SJ No. 2
	9. Well API No. 30-039-26182
	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 checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<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 November 17, 1999 at 3:00pm.
Drilled 12-1/4" hole, 8-5/8" x 24 lb/ft surface casing was set at 238'. Cemented 120 sxs Class 3 cmt, circulated 12 sxs to surface.

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

Signed

Christy Soriano

Title

Production Clerk

Date

12-1-99

(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

CONFIDENTIAL

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