

4/13/99 5/3/99 MS NW NSL

ABOVE THIS LINE FOR DIVISION USE ONLY

# NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

## ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

### Application Acronyms:

[NSP-Non-Standard Production Unit] [NSL-Non-Standard Location]  
 [DD-Directional Drilling] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS-Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Directional Drilling  
☒ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

### [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☒ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☒ Offset Operators, Leaseholders or Surface Owner
- [C] ☒ Application is One Which Requires Published Legal Notice
- [D] ☒ Notification and/or Concurrent Approval by BLM or SLO  
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☒ Waivers are Attached

### [3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Christy Serrano  
 Print or Type Name

Christy Serrano  
 Signature

Production Clerk  
 Title

4-7-99  
 Date

# Mallon Oil Company

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

*a Mallon Resources Subsidiary*

April 9, 1999

Mr. Mike Stogner  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505

RE: Jicarilla 459-20 No. 8  
2205' FSL and 1530' FWL (NE SW) Unit K  
Sec. 20, T30N-R03W  
Rio Arriba County, New Mexico

Dear Mr. Stogner:

Mallon Oil Company received a Non Standard Location approval (NSL-2831) for the Pictured Cliffs formation, and also received Non Standard Location approval (NSL-2831-A) for the Cabresto Canyon; Ojo Alamo Ext.

Mallon Oil Company would like to apply for Non Standard Location approval for the Cabresto Canyon; San Jose Extension at the existing wellbore location. Enclosed is a copy of the C-102.

Please contact me at (970) 382-9100, if any additional information is needed.

Sincerely



Christy Serrano  
Production Clerk

DISTRICT II  
P.O. Drawer DD, Artesia, N.M. 88211-0719DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410DISTRICT IV  
PO Box 2088, Santa Fe, NM 87504-2088

## OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, NM 87504-2088Instructions on back  
Submit to Appropriate District Office  
State Lease 4 Copies  
Fee Lease 0 Copies☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25787	Pool Code 96822	Pool Name Cabresto Canyon; San Jose Ext.
Property Code 22862	Property Name JICARILLA 459-20	Well Number 8
OGRD No. 013925	Operator Name MALLON OIL CO.	Elevation 7240'

## 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
	20	30-N	3-W		2205	SOUTH	1530	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.
160			

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

U.S.G.L.O. B.C. 1917 EAST 2628.1' (RECORD)			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 Secretary Title March 25, 1999 Date
S 0°08'30" W 2639.0' (MEASURED)			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.  12 Date of Survey Signature and Seal of Registered Professional Land Surveyor A. BUSH NEW MEXICO 8894 REGISTERED PROFESSIONAL LAND SURVEYOR 8894 Certificate Number
U.S.G.L.O. B.C. 1917 1530'			
N 0°11'43" E 2642.9' (MEASURED)			
2205'			
U.S.G.L.O. B.C. 1917 N 89-57 E 5273.4' (RECORD)			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

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.

MAR -1 AM 11:12  
ALBUQUERQUE, N.M.

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

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

2205' FSL and 1530' FWL  
Sec. 20, T30N-R03W

5. Lease Designation and Serial No.

Jic 459

6. If Indian, Allote or Tribe Name

Jicarilla Apache Tribe

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Jicarilla 459-20 No. 8

9. Well API No.

30-039-25787

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: Dual Completion  
☐ 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 proposes to dual complete the above referenced well. The well is currently producing from the Cabresto Canyon; Ojo Alamo Ext. Mallon Oil Company would like to perforate the San Jose formation. Each formation will be produced via separate strings of 1.9" tbg. On the surface they will be metered separately and gas will go through separate separators where the water will be metered for each zone. Well bore diagram is attached

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

Signed

Christy Soriano

Title

Production Secretary

Date

2-24-99

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

Approved B

[Signature]

Title

Lands and Mineral Resources

Date

MAR 15 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

HOLD C104 FOR NSL + plat @

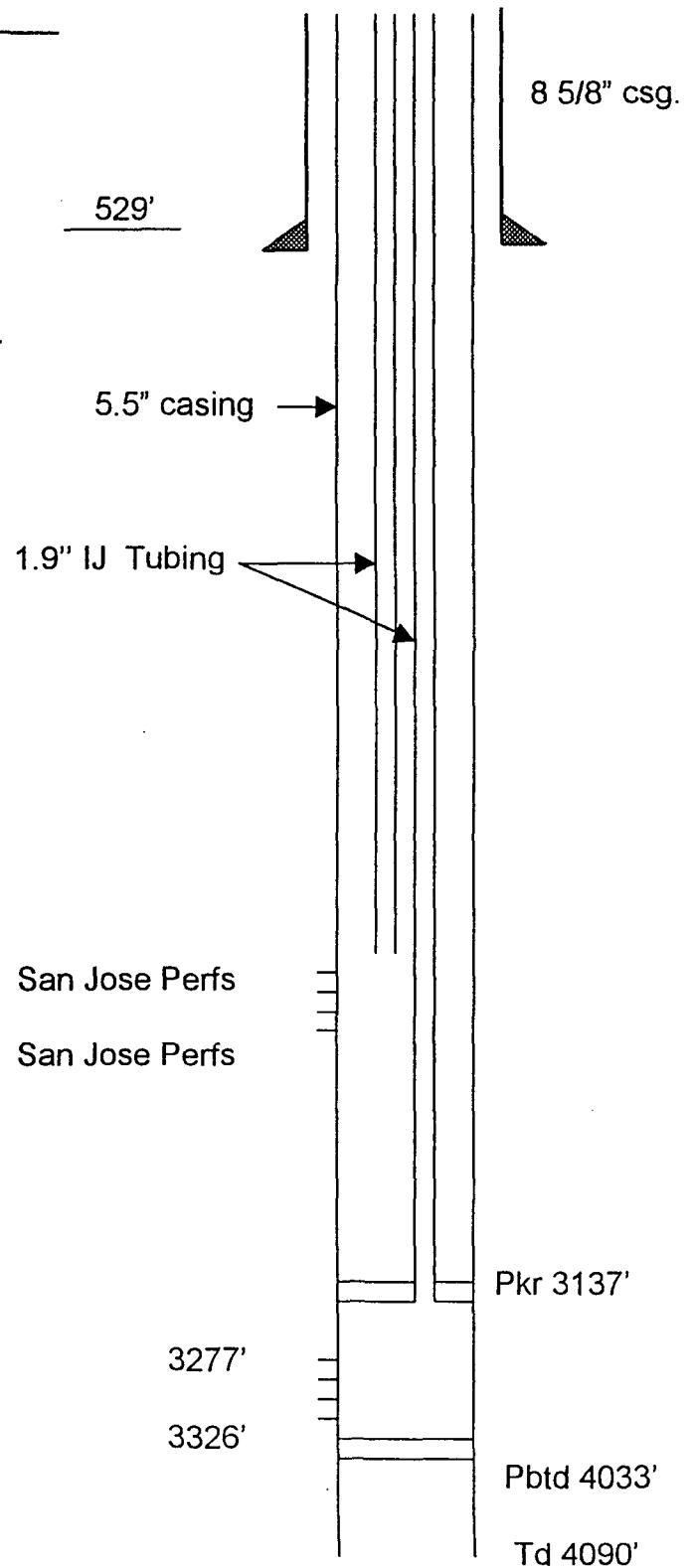
WELL NAME: JICARILLA 459-20 No. 8

FIELD: EAST BLANCO

LEGAL: SEC 20 TN 30 RW 03

PRODUCING INTERVAL: San Jose Perfs  
3277'-3326'

NOTES: San Jose Perfs:  
Ojo Alamo Perfs: 3277'-3326'



District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-104  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
5 Copies

AMENDED REPORT

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1. Operator Name and Address Mallon Oil Company P.O. Box 3256 Carlsbad, NM 88220 (505) 885-4596		2. OGRID Number 13925
		3. Reason for Filing Code NW
4. API Number 30-039-25787	5. Pool Name Cabresto Canyon; Ojo <i>Alamo</i>	6. Pool Code 96538
7. Property Code 22862	8. Property Name Jicarilla 459-20	9. Well Number 8

II. 10. Surface Location

UL or lot no. K	Section 20	Township 30N	Range 3W	Lot Idn. N/A	Feet From the 2205	North/South Line North	Feet From the 1530	East/West Line West	County Rio Arriba
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11. Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn.	Feet From the	North/South Line	Feet From the	East/West Line	County
12. Lse Code D	13. Producing Method Code Flowing	14. Gas Connection Date 05/01/98	15. C-129 Permit Number	16. C-129 Effective Date	17. C-129 Expiration Date				

III. Oil and Gas Transporters

18. Transporter OGRID <i>151618</i>	19. Transporter Name and Address El Paso Natural Gas P.O. Box 2511 Houston, TX 77252-25121	20. POD <i>2822233</i>	21. O/G Gas	22. POD ULSTR Location and Description K-20-30N-03W
<b>RECEIVED</b> OCT 27 1998 OIL CON. DIV. DIST. 3				
<b>RECEIVED</b> APR 30 1998 OIL CON. DIV. DIST. 3				

IV. Produced Water

23. POD <i>2822234</i>	24. POD ULSTR Location and Description K-20-30N-3W
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V. Well Completion Data

25. Spud Date 3/8/98	26. Ready Date 03/20/98	27. TD 4090'	28. PBTD 4033'	29. Perforations 3277'-3326'
30. Hole Size 12-1/4"	31. Casing & Tubing Size 8-5/8"	32. Depth Set 529	33. Sacks Cement cmt 300 sxs Class B, circ 89 sxs to surface	
7-7/8"	5-1/2"	4080'	cmt 332 sxs, circ 110 sxs to surface	

VI. Well Test Data

34. Date New Oil N/A	35. Gas Delivery Date 5/1/98	36. Test Date 3/24/98	37. Test Length 24	38. Tbg. Pressure 225	39. Csg. Pressure 0
40. Choke Size 3/8"	41. Oil 0	42. Water 50	43. Gas 752	44. AOP N/A	45. Test Method Flowing

46. I hereby certify that the rules 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:

*Christy Serrano*

Printed Name:

Christy Serrano

Title:

Production Secretary

Date:

*4/28/98*

Phone:

(505) 885-4596

Approved By:

*Ernie Busch*  
DEPUTY OIL & GAS INSPECTOR, DIST. 3

Approval Date

*OCT 28 1998*

47. If this is a change of operator fill in OGRID number and name of the previous operator.

Previous Operator Signature

Printed Name

Title

Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

~~CONFIDENTIAL~~

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.

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 3256, Carlsbad, NM 88220

(505) 885-4596

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

2205' FSL 1503 FWL (NE SW) Unit K  
Sec. 20, T30N-R03W

5. Lease Designation and Serial No.

Jic 459

6. If Indian, Allotee or Tribe Name

Jicarilla Apache

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Jicarilla 459-20 No. 8

9. Well API No.

30-039-25787

10. Field and Pool, or Exploratory Area

Cabresto Canyon; Ojo Alamo Ext.

11. County or Parish, State

Rio Arriba County, NM

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: Production Csg

☐ 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 ran 5-1/2" x 15.5 lb/ft production csg set at 4080'. Cemented with 700 sxs of cmt, circ 110 sxs to surface. Pressure test csg on 3/21/98 to 1000 psi.

RECEIVED  
JUL 8 1998  
OIL CON. DIV.  
DIST. 2

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

Signed

Christy Serrano  
Christy Serrano

Title

Production Secretary

Date

6-23-98

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

Approved By

William M. Hask

Title

Lands and Mineral Resources

Date

JUL 6 1998

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 MANAGEMENTSUBMIT 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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>						5. LEASE DESIGNATION AND SERIAL NO. Jic 459									
b TYPE OF COMPLETION NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> Recompletion <input type="checkbox"/>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache									
2. NAME OF OPERATOR Mallon Oil Company						7. UNIT AGREEMENT NAME N/A									
3. ADDRESS AND TELEPHONE NO. P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596						8. FARM OR LEASE NAME, WELL NO. Jicarilla 459-20 No. 8									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 2205' FSL, 1530' FWL (NE SW) Unit K At top prod. interval reported below 2205' FSL, 1530' FWL (NE SW) Unit K At total depth 2205' FSL, 1530' FWL (NE SW) Unit K						9. API WELL NO. 30-039-25787									
14. PERMIT NO. N/A				DATE ISSUED N/A		12. COUNTY OR PARISH Rio Arriba		13. STATE NM							
15. DATE SPUDDED 3/8/98		16. DATE TD REACHED 3/16/98		17. DATE COMP (Ready to Prod.) 3/20/98		18. ELEVATION (DF, RKB, RT, GR, ET) 7240 GL		19. ELEV. CASINGHEAD 7241							
20. TOTAL DEPTH, MD & TVD 4090		21. PLUGBACK TD, MD & TVD 4033'		22. IF MULTIPLE COMP., HOW MANY* N/A		23. INTERVALS DRILLED BY →		ROTARY TOOLS Yes		CABLE TOOLS N/A					
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 3277'-3326' Ojo Alamo						25. WAS DIRECTIONAL SURVEY MADE Yes									
26. TYPE ELECTRIC AND OTHER LOGS RUN GR, SDL, DSN, DIL, SGRD						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 lbs		529'		12-1/4"		cmt 300 sxs class "B" circ							
5-1/2"		15.5 lbs		4080'		7-7/8"		89 sxs to surface							
								cmt 332 sxs, circ 110 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		3136'		3137'			
31. PERFORATION RECORD (Interval, Size and Number) 3277'-3326' 4 jsfp 156 holes						32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) 3277'-3326'						AMOUNT AND KIND OF MATERIAL USED 3400 gals of 7-1/2 % acid frac 48,120 lbs sand			
33. PRODUCTION															
DATE FIRST PRODUCTION 5/1/98				PRODUCTION METHO (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STAT (Producing or Shut In) SI							
DATE OF TEST 3/24/98		HOURS TESTED 24		CHOKE SIZE 3/8"		PROD'N FOR TEST PERIOD →		OIL - BBL 0		GAS - MCF 752		WATER - BBL 50		GAS-OIL RATIO N/A	
FLOW TBG PRESS 225		CASING PRESSURE 0		CALCULATED 24-HOUR RATE →		OIL - BBL 0		GAS - MCF 752		WATER - BBL 50		OIL GRAVITY - API (CORR.) N/A			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY Kisor									
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 <u>Christy Serrano</u>						Production Analyst			DATE <u>4-28-98</u>						

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



RECORD OF PRODUCTION, CONSUMPTION, ETC., OF OIL AND GAS FROM OIL WELLS, INCLUDING DEPTH INTERVAL TESTED, ENGINEING USED, TIME AND OPER. (Flowing and shut-in pressures, and pressure).

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3261'	
Kirtland	3504'	
Fruitland	3692'	
Pictured Cliffs	3794'	
Lewis	3888'	

Well Name: Jicarilla 459-20 No. 8

RECEIVED  
JUL 15 1998  
OIL CON. DIV.  
DIST. 3

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

☐ Oil Well ☒ Gas Well ☐ Other:

2. Name of Operator

Mallon Oil Company

3. Address and Telephone No.

P.O. Box 3256, Carlsbad, NM 88220

(505) 885-4596

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

2205' FSL 1503' FWL (NE SW) Unit K

Sec. 20, T30N-R03W

5. Lease Designation and Serial No.  
Jic 459

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

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

8. Well Name and No.  
Jicarilla 459-20 No. 8

9. Well API No.  
30-039-25787

10. Field and Pool, or Exploratory Area  
East 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  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

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 reference well on 3/8/98 at 4:00pm. Drilled 12-1/4" hole 8-5/8" x 24 lb/ft surface csg was set at 529' and cemented with 300 sxs Class "B" cement. Circulated 89 sxs of cement to pit.

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

Signed

Christy Serrano

Title

Production Secretary

Date

4/22/98

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

Approved By

[Signature]

Title

Land and Mineral Resources

Date

MAY 1 1998

Conditions of approval, if any:

DISTRICT I  
P.O. Drawer 30, Artesia, N.M. 88211-0719

DISTRICT II  
1000 Rio Grande Rd., Artesia, N.M. 87413

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

# OIL CONSERVATION DIVISION

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

Instructions on  
Submit to Appropriate District  
State Lease - 4 C  
Fee Lease - 3 C

AMENDED REF

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25787	Pool Code 96538	Well Name CARBONATE CANYON	Well Type Ojo Alamo (G) EXT
Property Code	Property Name CARBONATE 459-20	Well Number 3	
Record No.	Operator Name MALLON OIL CO.	Elevation 7240'	
Surface Location			
1/4 or lot no.	Section	Township	Range
	20	30-N	3-N
East from line	Feet from line	North/South line	Feet from line
	2205	SOUTH	1530
Bottom Hole Location if Different From Surface			
1/4 or lot no.	Section	Township	Range
East from line	Feet from line	North/South line	Feet from line
Dedicated Acres	Point of Entry	Consolidation Code	Order No.
160			

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

<p>S. 0106.30" W 2639.0' (MEASURED)</p> <p>S. 0106.30" W 2639.0' (MEASURED)</p> <p>N. 0111.45" E 2642.9' (MEASURED)</p> <p>U.S.G.L.O. B.C. 1917</p>	<p>U.S.G.L.O. B.C. 1917</p> <p>EAST 2628.1' (RECORD)</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief.</p> <p><i>Terry Lindeman</i></p> <p>Terry Lindeman</p> <p>Production Superintendent</p> <p>Date 1-12-92</p>
	<p>U.S.G.L.O. B.C. 1917</p> <p>N. 89-57 E 5273.4' (RECORD)</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 or under my supervision, and that the same is true correct to the best of my belief.</p> <p>12-1</p> <p>8894</p> <p>REGISTERED PROFESSIONAL LAND SURVEYOR</p> <p>8894</p>

Exhibit A

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on  
reverse side)

FORM APPROVED  
OMB NO. 1004-0136  
Expires February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN			
1a. TYPE OF WORK Drill <input checked="" type="checkbox"/> Deepen <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO Jicarilla 459	
b. TYPE OF WELL Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR Mallon Oil Company 13925		7. UNIT AGREEMENT NAME N/A	
3. ADDRESS AND TELEPHONE NO. P.O. Box 3256 Carlsbad, NM 88220 (505) 885-4596		8. FARM OR LEASE NAME, WELL NO. Jicarilla 459-20 No. 8 22862	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2205' FSL and 1530' FWL (NE SW) Unit K		9. API WELL NO. 30-039-25787	
At proposed prod. zone 2205' FSL and 1530' FWL (NE SW) Unit K		10. FIELD AND POOL, OR WILDCAT E. Blanco, Pictured Cliffs 72460	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 50 miles east of Bloomfield, New Mexico		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T30N-R3W	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 6810'		12. COUNTY OR PARISH Rio Arriba	
16. NO. OF ACRES IN LEASE 2267		13. STATE NM	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160			
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2640'		19. PROPOSED DEPTH 4500'	
20. ROTARY OR CABLE TOOLS Rotary			
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) 7290124		22. APPROX. DATE WORK WILL START February 28, 1998	
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	8-5/8"	24#	500'
7-8/8"	5-1/2"	15.5#	4500'
			570 SKS Surface

Mallon Oil Company proposes to drill to a depth sufficient to test the Pictured Cliffs formation. If productive, 5-1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal regulations. Specific programs as per on-shore Oil and Gas Order No. 1 are outlined in the following attachments:

Drilling Program

Exhibit 1: Blow Out Preventor Equipment/Plan  
Exhibit A: Location and Elevation Plat  
Exhibit B: Roads and Pipelines  
Exhibit C: One Mile Radius Map

Exhibit D: Drilling Site Layout  
Exhibit E: Production Facilities  
Exhibit F: H2S Contingency Plan  
Exhibit G: Environmental Assessment  
Exhibit H: Archaeological Clearance

RECEIVED  
FEB 23 1998  
OIL CON. DIV.  
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED: Terry Lindeman TITLE: Production Superintendent DATE: 01/12/98

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Joe Incardine TITLE Assistant Secretary DATE FEB 13 1998

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 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.

HOLB 2-104 FOR USL@

DISTRICT II  
P.O. Drawer DD, Artesia, N.M. 88211-0719DISTRICT III  
1000 Rio Brazos Rd., Artec, N.M. 87410DISTRICT IV  
PO Box 2088, Santa Fe, NM 87504-2088

## OIL CONSERVATION DIVISION

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

## WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number <u>30-039-25787</u>	*Pool Code <u>72400</u>	*Pool Name <u>EBLANCO</u> Pictured Cliff	*Well Number 4500' T.D.
*Property Code <u>22862</u>	*Property Name JICARILLA 459-20		*Well Number 8
*GRID No. <u>13925</u>	*Operator Name MALLON OIL CO.		*Elevation 7240'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<u>K</u>	20	30-N	3-W		2205	SOUTH	1530	WEST	RIO ARriba

<sup>11</sup> 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

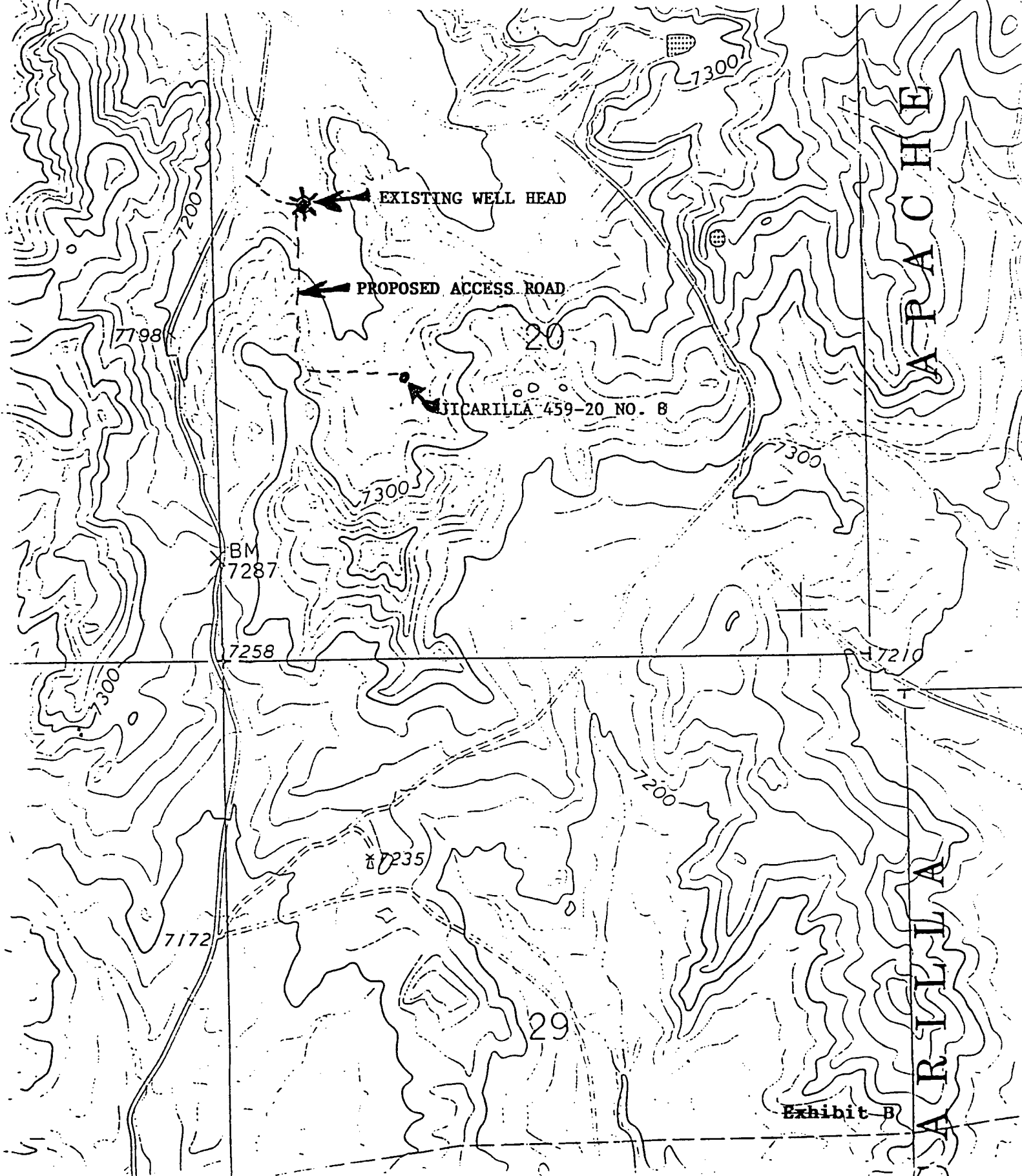
<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
<u>160</u>			

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

U.S.G.L.O. B.C. 1917 18 EAST 2628.1' (RECORD) S 0°08'30" W 2639.0' (MEASURED) U.S.G.L.O. B.C. 1917 N 0°11'43" E 2642.9' (MEASURED) 1530' 2205' U.S.G.L.O. B.C. 1917 N 89-57 E 5273.4' (RECORD)	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature <u>Terry Lindeman</u> Printed Name Title <u>Production Superintendent</u> Date <u>1-12-98</u>	
	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 <u>12-1</u> Signature and Seal <u>Roy A. Rush</u> Registered Professional Land Surveyor New Mexico 8894 Certificate Number	

Exhibit A

MALLON OIL COMPANY  
PROPOSED WELL LOCATION & ACCESS ROAD  
JICARILLA 459-20 NO. 8  
SW/4 SEC. 20, T-30-N, R-3-W, N.M.P.M.,  
RIO ARRIBA COUNTY, NEW MEXICO  
2205 FSL, 1530 FWL



MALLON OIL COMPANY  
PROPOSED WELL LOCATION & ACCESS ROAD  
JICARILLA 459-20 NO. 8  
SW/4 SEC. 20, T-30-N, R-3-W, N.M.P.M.,  
RIO ARriba COUNTY, NEW MEXICO  
2205 FSL, 1530 FWL

