

Mallon Oil Company

Denver/Colorado ♦ Carlsbad/New Mexico

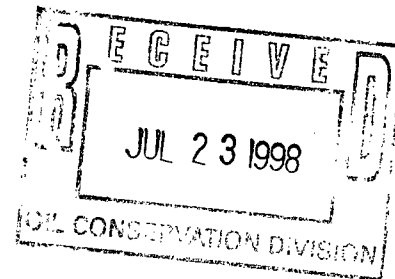
NSL

8/12/98

a Mallon Resources subsidiary

July 13, 1998

State of New Mexico
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505



Attn: Mr. Mike Stogner

Re: Jicarilla 459-17 No. 9
1850' FNL, 2510' FEL (SW SE) Unit G
Sec. 17, T30N-R03W
Rio Arriba County, NM

Dear Mr. Stogner:

Mallon Oil Company received a Non Standard Location approval (NSL 3992) for the Pictured Cliffs formation.

In April 1998 Mallon Oil Company completed the well into the Cabresto Canyon, Ojo Alamo Extension formation which is also a non standard location.

Mallon Oil Company would like to apply for Non Standard Location approval for the Cabresto Canyon Ojo Alamo Extension at the existing wellbore location. Mallon Oil Company is the sole operator within a half mile radius of this location.

Please find enclosed a copy of Mallon Oil Company's C-102 which was sent April 24, 1998 and a copy of the completion report (3160-4).

Should you need any further information, Please contact the undersigned at 505-885-4596.

Sincerely,

MALLON OIL COMPANY

A handwritten signature in cursive script, appearing to read "Duane C. Winkler".

Duane C. Winkler
Operations Manager

Enclosures

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NO. Jic 459	
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	
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 459-17 No. 9	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 1850' FNL, 2510' FEL (SW NE) Unit G At top prod. interval reported below 1850' FNL, 2510' FEL (SW NE) Unit G At total depth 1850' FNL, 2510' FEL (SW NE) Unit G		9. API WELL NO. 30-039-25763	
14. Permit No. N/A		DATE ISSUED N/A	
15. DATE SPUDDED 2/14/1998		16. DATE TD REACHED 2/21/1998	
17. DATE CO (Ready to Prod.) 4/8/1998		18. ELEVATION (DF, RKB, RT, GR, ET) 7165' GL	
19. ELEV. CASINGHEAD 7166'		10. FIELD AND POOL, OR WILDCAT Cabresto Canyon; Ojo Alamo Ext.	
20. TOTAL DEPTH, MD & TVD 3970'		21. PLUGBACK TD, MD & TVD 3923'	
22. IF MULTIPLE COMPS., HOW MANY* N/A		23. INTERVALS DRILLED BY →	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 3190' - 3232' Ojo Alamo		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN		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 lb	490'	12-1/4"	325 sxs Class B	N/A
5-1/2"	17 lb	3965'	7-7/8"	470 sxs 35"65 POZ	N/A
				Circ 100 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					1.90	3054'	3055'

31. PERFORATION RECORD (Interval, size, and number)				32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED	
3190' - 3232' 4 JSPF 168 Holes				3190' - 3232' 3000 Gals 7-1/2 % Acid Frac 56,330 lbs 12/20 Sand	

33. PRODUCTION							
DATE FIRST PRODUCTION 4/8/1998		PRODUCTION METHO (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STAT (Producing or Shut In) Producing	
DATE OF TEST 3/6/1998	HOURS TESTED 24	CHOKE SIZE 3/8"	PROD'N FOR TEST PERIOD →	OIL - BBL 0	GAS - MCF 1300	WATER - BBL 80	GAS-OIL RATIO 0
FLOW TBG PRESS 410	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL - BBL 0	GAS - MCF 1300	WATER - BBL 80	OIL GRAVITY - API (CORR.) 0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY Kisor	

35. LIST OF ATTACHMENTS
N/A

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

SIGNED

Title Production Analyst

DATE

4/24/98

*(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

37. SUMMARY OF POROUS ZONES. (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval cored, cushion used, time tool open, flowing and shut-in pressures, and recovery):					18. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	LOGS, CORES, ETC.		NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
					Ojo Alamo	3183'	
					Kirtland	3419'	
					Fruitland	3651'	
					Pictured Cliffs	3749'	
					Lewis	3803'	

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1984
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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 2088, Santa Fe, NM 87504-2088

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-25673		*Pool Code 96538	*Pool Name Cabresto Canyon; Ojo Alamo Ext.
*Property Code 22211	*Property Name JICARILLA 459-17		*Well Number 9
*GRID No. 013925	*Operator Name MALLON OIL CO.		*Elevation 7165

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
	17	30-N	3-W		1850	NORTH	2510	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

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

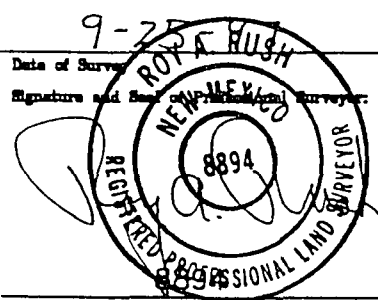
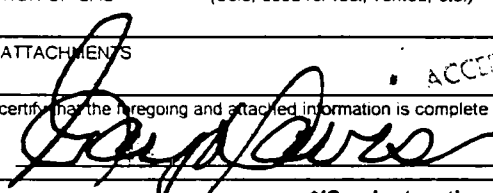
18		1850'		2510'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <u>Terry Lindeman</u> Terry Lindeman Printed Name Production Superintendent Title 10/9/97 Date
					18 SURVEYOR CERTIFICATION I hereby 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 belief. Date of Survey <u>9-25-97</u> Signature and Seal of Professional Surveyor  Certificate Number

Exhibit A

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
(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 459					
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					
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 459-17 No. 9					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 1850' FNL, 2510' FEL (SW NE) Unit G At top prod. interval reported below 1850' FNL, 2510' FEL (SW NE) Unit G At total depth 1850' FNL, 2510' FEL (SW NE) Unit G		9. API WELL NO. 30-039-25763					
14. Permit No. N/A		DATE ISSUED N/A					
15. DATE SPUDDED 2/14/1998		16. DATE TD REACHED 2/21/1998					
17. DATE CO (Ready to Prod.) 4/8/1998		18. ELEVATION (OF, RKB, RT, GR, ET) 7165' GL					
19. ELEV CASINGHEAD 7166'		12. COUNTY OR PARISH Rio Arriba					
13. STATE NM		10. FIELD AND POOL, OR WILDCAT Cabresto Canyon; Ojo Alamo Ext.					
20. TOTAL DEPTH, MD & TVD 3970'		21. PLUGBACK TD, MD & TVD 3923'					
22. IF MULTIPLE COMPLETIONS, HOW MANY? N/A		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS Yes N/A					
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 3190' - 3232' Ojo Alamo		25. WAS DIRECTIONAL SURVEY MADE Yes					
26. TYPE ELECTRIC AND OTHER LOGS RUN		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 lb	490' 533	12-1/4"	325 sxs Class B	N/A		
5-1/2"	17 lb	3965'	7-7/8"	470 sxs 35"65 POZ	N/A		
				Circ 100 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					1.90	3054'	3055'
31. PERFORATION RECORD (Interval, size, and number) 3190' - 3232' 4 JSPF 168 Holes				32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. 3190' - 3232' 3000 Gals 7-1/2 % Acid Frac 56,330 lbs 12/20 Sand			
33. PRODUCTION							
DATE FIRST PRODUCTION 4/8/1998		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing			WELL STAT (Producing or Shut In) Producing		
DATE OF TEST 3/6/1998	HOURS TESTED 24	CHOKE SIZE 3/8"	PROD'N FOR TEST PERIOD	OIL - BBL 0	GAS - MCF 1300	WATER - BBL 80	GAS-OIL RATIO 0
FLOW TBG PRESS 410	CASING PRESSURE 0	CALCULATED 24-HOUR RATE	OIL - BBL 0	GAS - MCF 1300	WATER - BBL 80	OIL GRAVITY - API (CORR.) 0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold				TEST WITNESSED BY Kisor			
35. LIST OF ATTACHMENTS N/A							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED 		Title Production Analyst			DATE 4/24/98		

*(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 split-flow tests, including depth intervals, cell, cushion used, time tool open, flowing and shut-in pressures, and recovery):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
				Ojo Alamo	3183'	
				Kirtland	3419'	
				Fruitland	3651'	
				Pictured Cliffs	3749'	
				Lewis	3803'	

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.

88 JUN 18 PM 12:57
ALBUQUERQUE, N.M.

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. JIC 459
2. Name of Operator Mallon Oil Company	6. If Indian, Allottee or Tribe Name JICARILLA APACHE
3. Address and Telephone No. P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596	7. If Unit or CA, Agreement Designation N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1850' FNL, 2510' FEL (SW NE) Unit G Sec 17, T30N-R03W	8. Well Name and No. Jicarilla 459-17 No. 9
	9. Well API No. 30-039-25763
	10. Field and Pool, or Exploratory Area East Blanco, Pictured Cliffs
	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 type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other: Spud	<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 2/14/98 at 11:00 P.M.
Drilled 12-1/4" hole, 8-5/8" x 24 lb/ft surface casing was set at 533'.
Cmt with 325 sxs Class "B" cement, 1/4 lb sxs Celloflake, circ 100 sxs of cement to surface

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

Signed Christy Serrano Title Production Secretary Date 6/15/98
Christy Serrano

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

Approved By Patricia M. Hester Title Lands and Mineral Resources Date 6/19/98
Conditions of approval, if any:

~~CONFIDENTIAL~~

DISTRICT I
P.O. Box 1080, Hobbs, N.M. 88241-1080

DISTRICT II
P.O. Drawer 22, Artesia, N.M. 88211-0719

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-
Revised February 21, 1997
Instructions on
Submit to Appropriate District Office
State Lease - 4 Co
Fee Lease - 3 Co

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-25763	*Pool Code 96538	*Pool Name CABRILLO CANYON, Ojo Alamo (G) EXT
*Property Code 22211	*Property Name JICARILLA 459-17	*Well Number 9
*OGMS No. 13925	*Operator Name MALLON OIL CO.	*Elevation 7165

¹⁰ Surface Location


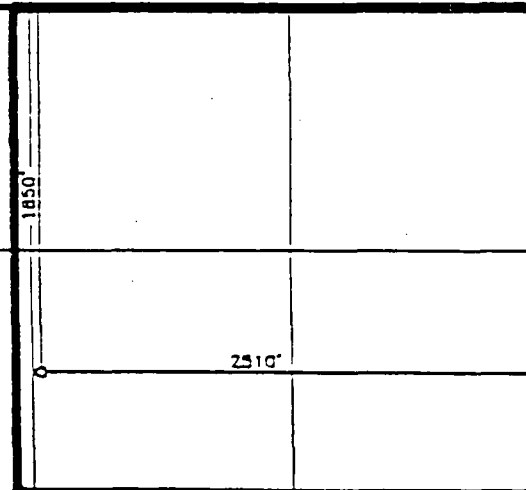
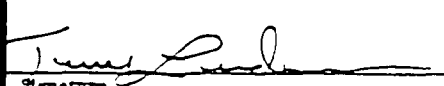
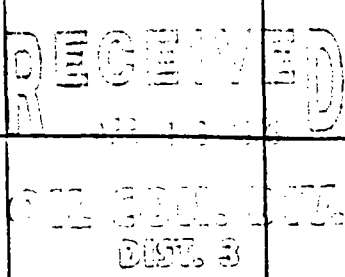

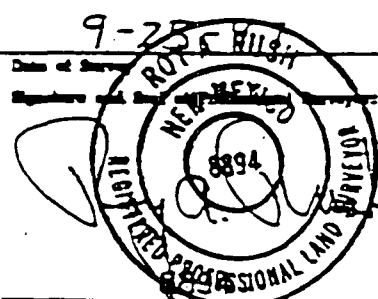
CL or Lot No.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
G	17	30-N	3-W		1850	NORTH	2510	EAST	RIO ARRA

¹¹ Bottom Hole Location If Different From Surface

CL or Lot No.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County

*Dedicated Acres	*Unit or Units	*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

¹⁶			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 Production Superintendent Title 10/9/97 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 or under my supervision, and that the same is true and correct to the best of my belief.
			9-25 Date of Survey
			Signature of Surveyor: 
			
			Certificate Number

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

State of New Mexico
Energy, Minerals & Natural Resources Department.

HOLD C-104 FOR N^o 2

Form C-1
Revised February 21, 1964

~~CONFIDENTIAL~~ I
P.O. Box 300, Atlanta, N.M. 88211-0719

Submit to Appropriate District Office:
State Lease - 4 Copies
Fee Lease - 3 Copies

1000 Bld. Branson Bld. Arden, N.M. 87413

OIL CONSERVATION DIVISION

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

PO Box 2068, Santa Fe, NM 87504-2068

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number	*Pool Code 96538	*Pool Name GABRESTO CANYON, Ojo Alamo (G) EXT
*Property Code	*Property Name JICARILLA 459-17	*Well Number 9
*GAS No.	*Operator Name MALLON OIL CO.	*Covenant 7165

¹⁰ Surface Location

City or Loc. no.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
G	17	30-N	3-W		1850	NORTH	2510	EAST	RIO ARRI

¹¹ Bottom Hole Location If Different From Surface

City or Loc. ad.	Section	Township	Range	Lot No.	Post <u>1111</u> lbs	North/South lbs	Post <u>1111</u> lbs	East/West lbs	County
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¹³ Dedicated Across	¹⁴ Name of Item	¹⁵ Consolidation Code	¹⁶ Order No.
150			

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

<div data-bbox="142 1044 624 1278" data-label="Text"><p>18</p></div>	<div data-bbox="624 1044 1153 1278" data-label="Text"><p>1850</p></div>	<div data-bbox="1153 1044 1622 1278" data-label="Text"><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></div>
<div data-bbox="142 1278 624 1521" data-label="Text"><p>CONFIDENTIAL</p></div>	<div data-bbox="624 1278 1153 1521" data-label="Text"><p>2510'</p></div>	<div data-bbox="1153 1278 1622 1521" data-label="Text"><p><u>Terry Lindeman</u> Signature Terry Lindeman Printed Name Production Superintendent Title 10/9/97 Date</p></div>
<div data-bbox="142 1521 624 1998" data-label="Text"><p></p></div>	<div data-bbox="624 1521 1153 1998" data-label="Text"><p>DECEMBER 1997</p></div>	<div data-bbox="1153 1521 1622 1998" data-label="Text"><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>9-25-97 Date of Survey</p><p><u>[Signature]</u> Signature of Professional Land Surveyor</p><p>NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 8894</p><p>Certificate Number</p></div>

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				5. LEASE DESIGNATION AND SERIAL NO
1a. TYPE OF WORK Drill <input checked="" type="checkbox"/> Deepen <input type="checkbox"/>				JIC459
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 459-17 No. 9 22211
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1850' FNL and 2510' FEL (SW NE) Unit G				9. API WELL NO. 31-039-25763
At proposed prod. zone 1850' FNL and 2510' FEL (SW NE) Unit G				10. FIELD AND POOL, OR WILDCAT E. Blanco, Pictured Cliffs 72400
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. 17, T30N-R03W
15. DISTANCE FROM PROPOSED * LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1850'		16. NO. OF ACRES IN LEASE 2267.2		12. COUNTY OR PARISH Rio Arriba
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2400'		19. PROPOSED DEPTH 4500'		13. STATE NM
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) 7165'		17. NO. OF ACRES ASSIGNED TO THIS WELL 160		
22. APPROX. DATE WORK WILL START October 20, 1997				
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7"	17# 20 lb	500'	Circ. to surface
6-1/4"	4-1/2"	11.6#	4500'	365 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

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.

24. SIGNED: Terry Lipdeman TITLE: Production Superintendent DATE: 10/16/97

(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 (Original Signed) HECTOR A. VILLALOBOS TITLE _____ DATE DEC 8 1997

*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.

HOLD C-184 FOR NSL

RECEIVED
DEC 11 1997

DD, Artesia, N.M. 88211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number <i>36-039-2576-3</i>	*Pool Code <i>72400</i>	*Pool Name <i>E BLANCO; PC</i>
*Property Code <i>22211</i>	*Property Name JICARILLA 459-17	*Well Number 9
*GRID No. <i>13925</i>	*Operator Name MALLON OIL CO.	*Elevation 7165

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
<i>G</i>	17	30-N	3-W		1850	NORTH	2510	EAST	RIO ARriba

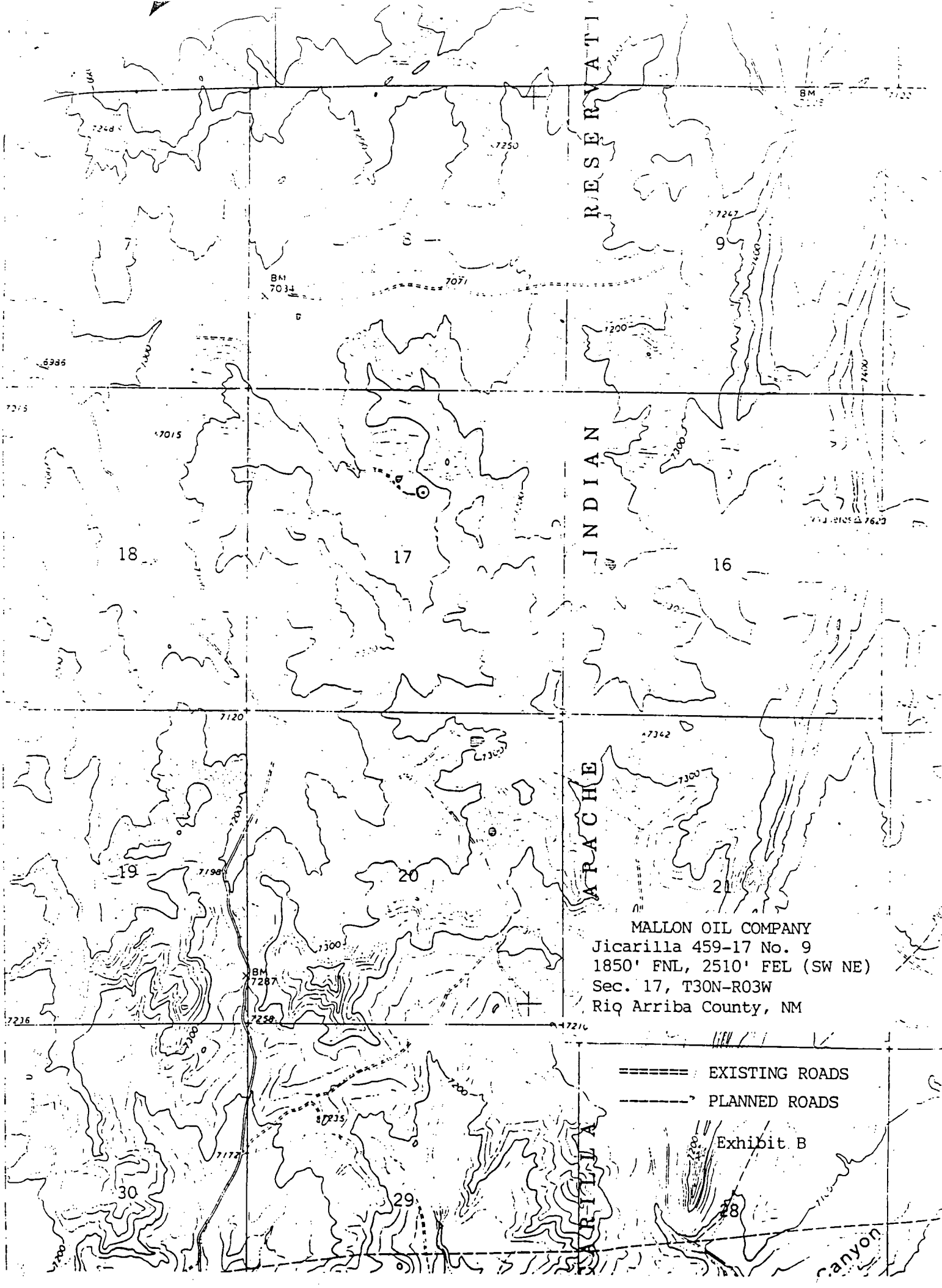
¹¹ Bottom Hole Location If Different From Surface

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

¹² Dedicated Acres <i>140</i>	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

16		17 OPERATOR CERTIFICATION
		<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 Production Superintendent Title 10/9/97 Date</p>
	<p>RECEIVED DEC 12 1997 OIL CON. DIV. DIST. 3</p>	18 SURVEYOR CERTIFICATION
		<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><i>9-25</i> Date of Survey <i>ROY A. RUSH</i> Signature and Seal of Professional Surveyor NEW MEXICO 8894 PROFESSIONAL LAND SURVEYOR Certification Number</p>



JICARILLA INDIAN RESERVATION

JICARILLA INDIAN RESERVATION

JICARILLA INDIAN RESERVATION

JICARILLA INDIAN RESERVATION

MALLON OIL COMPANY
Jicarilla 459-17 No. 9
1850' FNL, 2510' FEL (SW NE)
Sec. 17, T30N-R03W
Rio Arriba County, NM

===== EXISTING ROADS
----- PLANNED ROADS

Exhibit B

canyon



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

March 4, 1998

Mallon Oil Company
P. O. Box 3256
Carlsbad, New Mexico 88220

Attention: Terry Lindeman
Exploration/Production Superintendent

*Re: Application for administrative approval to drill the
Jicarilla 459-17 Well No. 9 (30-039-25763) at an
unorthodox location 1850 feet from the North line
and 2510 feet from the East line (Unit G) of Section
17, Township 30 North, Range 3 West, NMPM, Rio
Arriba County, New Mexico.*

Dear Mr. Lindeman:

I am returning the subject application as incomplete, please refer to Division Rule 104.F(3), see copy attached, and submit the appropriate information to justify the drilling of this well at an unorthodox location within the requested spacing and proration unit, which needs to be identified. Please explain in detail and show on attached plats why all other possible standard locations to whatever zone is to be developed are not available to Mallon Oil Company for a drilling location.

Should you have any questions concerning this matter, you will first want to direct them to your legal counsel, Mr. James Bruce in Santa Fe at (505) 982-2043.

Sincerely,

Michael E. Stogner
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division - Aztec
Kathy Valdes, NMOCD - Santa Fe
James Bruce, Legal Counsel for Mallon Oil Company - Santa Fe

(i) Affected parties in this instance shall be defined as those parties who own interests in the applicable half quarter section (80-acre spacing), quarter section (160-acre spacing), half section (320-acre spacing), or section (640-acre spacing) in which the non-standard spacing unit is situated and which acreage is not included in said non-standard spacing unit;

(ii) the designated operator of any adjoining or diagonal spacing unit producing from the same pool(s) as the proposed non-standard spacing unit;

(iii) in the absence of an operator, all lessees of record of any diagonal or adjoining lease owning interests in the same pool(s) as the proposed non-standard spacing unit; and

(iv) in the absence of an operator or lessee, then to all owners of record of unleased mineral interests. [5-25-64...2-1-96]

(d) The applicant shall submit a statement attesting that applicant, on or before the same date the application was submitted to the Division, has sent notification to the affected parties by submitting a copy of the application, including a copy of the plat described in Subpart (c) above by certified or registered mail-return receipt in accordance with Rule 1207(6) (a) advising them that if they have an objection it must be filed in writing within twenty days from the date notice was sent. The Division Director may approve the non-standard spacing unit upon receipt of waivers from all said parties or if no said party has entered an objection to the non-standard spacing unit within 20 days after the Director has received the application. [5-25-64...2-1-96]

(e) The Division Director may set any application for administrative approval for a non-standard spacing unit for public hearing. [5-25-64...2-1-96]

(3) Number of Wells Per Spacing Unit in Non-Prorated Gas Pools: Unless otherwise permitted by special pool rules or authorized after notice and hearing, only one (1) well per spacing unit is permitted in non-prorated pools. [5-25-64...2-1-96]

104.E. Form C-102, "Well Location and Acreage Dedication Plat", for any well shall designate the exact legal subdivision allotted to the well and Form C-101, "Application for Permit to Drill, Deepen, or Plug Back", will not be approved by the Division without such proper designation of acreage. [12-29-52...2-1-96]

104.F. UNORTHODOX LOCATIONS

(1) Well locations for producing wells and/or injection wells which are unorthodox based on the well location requirements of Rule 104.C(1)(a) above and which are necessary to permit the completion of an efficient production and injection pattern within a secondary recovery, tertiary recovery, or pressure maintenance project are hereby authorized, provided that any such unorthodox location within such project is no closer than the required minimum orthodox distance to the outer boundary of the lease or the unitized area, nor closer than 10 feet to any quarter-quarter section line or subdivision inner boundary. Such locations shall only require such prior approval as is necessary for an orthodox location. [1-1-50...2-1-96]

(2) The Division Director shall have authority to grant an exception to the well location requirements of Sections 104.B and 104.C above or to the well location requirements of special pool rules without notice and hearing when the necessity for such unorthodox location is based upon geologic conditions, archaeological conditions, topographical conditions, or the recompletion of a well previously drilled to a deeper horizon provided said well was drilled at an orthodox or approved unorthodox location for such original horizon. [1-1-82...2-1-96]

(3) Applications for administrative approval of unorthodox locations pursuant to Rule 104.F(2), above, shall be accompanied by a plat showing the subject spacing unit, its proposed unorthodox well location, the diagonal and adjoining spacing units and/or leases (whichever is applicable) and wells, and a list of affected parties. If the proposed unorthodox location is based upon topography or archeology, the plat shall also show and describe the existent topographical or archaeological conditions. If the proposed unorthodox location is based upon geology, the application shall include appropriate geologic exhibits and a discussion of the geologic conditions which result in the necessity for the unorthodox location. [2-9-66...2-1-96]

(a) Adjoining and diagonal spacing units shall be defined as those immediately adjacent unorthodox existing spacing units in the same pool(s) as the proposed unorthodox well and towards which the unorthodox well location encroaches. [2-9-66...2-1-96]

(b) Affected parties shall be defined as those parties who own interests in leases or operate wells on adjoining or diagonal spacing units and include:

(i) the designated operator of any adjoining or diagonal spacing unit producing from the same pool(s) as the proposed well;

(ii) in the absence of an operator, all lessees of record of any diagonal or adjoining lease owning interests in the same pool(s) as the proposed well; and

(iii) in the absence of an operator or lessee, all owners of record of unleased mineral interests in the same pool(s) as the proposed well. [2-9-66...2-1-96]

(4) The applicant shall submit a statement attesting that applicant, on or before the same date the application was submitted to the Division, has sent notification to the affected parties by submitting a copy of the application, including a copy of the plat described in Rule 104.F(3) above by certified or registered mail-return receipt in accordance with Rule 1207(A) (5) advising them that if they have an objection it must be filed in writing within twenty days from the date notice was sent. The Division Director may approve the unorthodox location upon receipt of waivers from all said parties or if no said party has entered an objection to the unorthodox location within 20 days after the Director has received the application. [2-9-66...2-1-96]

(5) The Division Director may set any application for administrative approval of an unorthodox location for public hearing, and may require that a directional survey be run in the unorthodox well to establish the actual location of the producing interval(s). [1-1-82...2-1-96]

104.G. Whenever an exception is granted, the Division may take such action as will offset any advantage which the person securing the exception may obtain over other producers by reason of the unorthodox location. [1-1-50...2-1-96]

104.H.

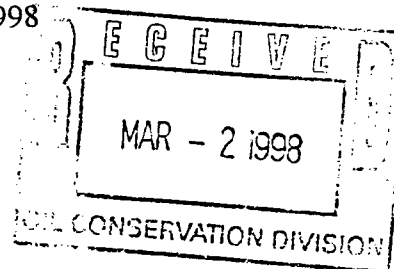
If the drilling tract is within an allocated oil pool or is

Mallon Oil Company

Denver/Colorado ♦ Carlsbad/New Mexico

NSL 3/23/98
a Mallon Resources subsidiary

February 27, 1998



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

Dear Mr. Stagner:

Enclosed, you will find, the East Blanco Field map for Mallon Oil Company, eleven (11) C-102 survey plats with attached topographic maps for the respective wells.

Mallon Oil Company is requesting an exemption to rule 104 due to topographic conditions for the following wells:

- | | |
|---------------------------|---------------------------|
| 1. Jicarilla 457-4 No. 2 | 5. Jicarilla 459-20 No. 8 |
| 2. Jicarilla 457-10 No. 8 | 6. Jicarilla 459-20 No. 7 |
| 3. Jicarilla 458-8 No. 7 | 7. Jicarilla 460-16 No. 1 |
| 4. Jicarilla 459-17 No. 9 | 8. Jicarilla 464-29 No. 9 |

Note: Jicarilla 460-16 No. 1 has two plats attached showing the well was moved 100 feet west to avoid an archaeological site.

In addition to topographical conditions, due to irregular sections in Sec. 19-30N-3W and Sec. 30-30N-3W we are requesting non standard pro-ration units, for the following wells:

1. Jicarilla 459-19 No. 9
2. Jicarilla 464-30 No. 9
3. Jicarilla 464-30 No. 10

The only offset operator to the west is Robert L. Bayless and we have notified them of our request.

If any additional information is needed please contact me at (505) 885-4596

Mallon Oil Company
Sincerely,

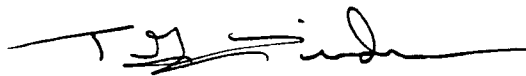

Terry Lindeman
Exploration/Production Superintendent

Exhibit A



RESERVATION

APACHE INDIAN

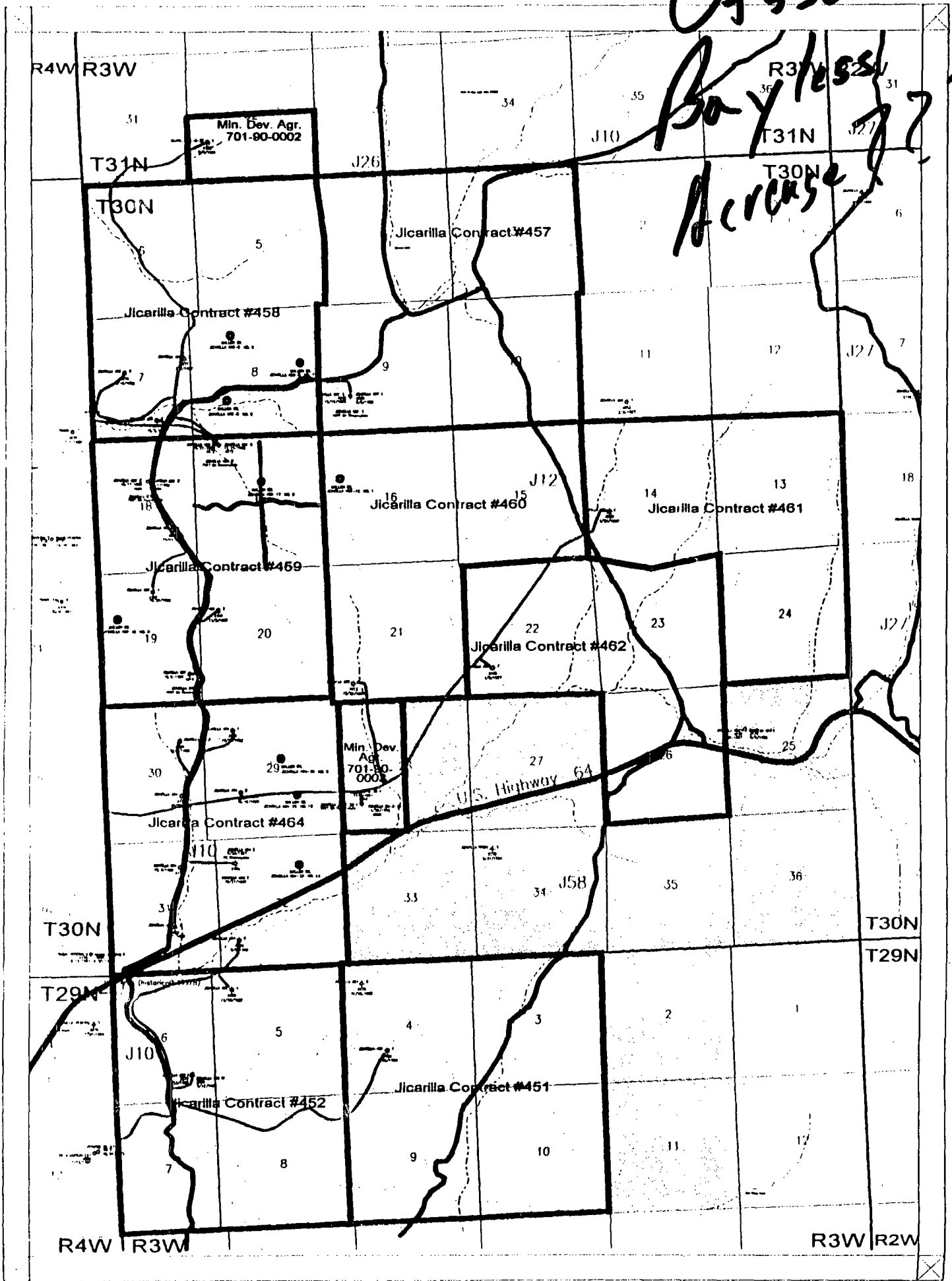
APACHE

CARILLA

Approx
Drillable
is 160
acres

Offset

Boyle's
Increase??



Scale 1:63360.

0 0.2 0.4 0.6 0.8 1. miles



MALLON OIL COMPANY		
East Blanco Field - San Juan Basin		
Townships 29-30 North		
Rio Arriba County, New Mexico		
		10/22/1997

County RIO ARRIBA

Pool EAST BLANCO-PICTURED CLIFFS

TOWNSHIP 30 N South, RANGE 3 W East, NEW MEXICO PRINCIPAL MERIDIAN

6	5	4	3	2	1
7	8	9	10	11	12
13	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

EXT: ALL SECS 7-32 (R-8713, 8/12/88) EXT: 1/2 Sec. 5 (R-10178, 8-30-94)

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

08/12/98 13:25:26
OGOIV -EME5
PAGE NO: 1

Sec : 17 Twp : 30N Rng : 03W Section Type : NORMAL

D 40.00 Indian owned	C 40.00 Indian owned A	B 40.00 Indian owned	A 40.00 Indian owned
E 40.00 Indian owned	F 40.00 Indian owned	G 40.00 Indian owned A	H 40.00 Indian owned

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

08/12/98 13:25:36
OGOIV -EME5
PAGE NO: 2

Sec : 17 Twp : 30N Rng : 03W Section Type : NORMAL

L 40.00 Indian owned	K 40.00 Indian owned	J 40.00 Indian owned	I 40.00 Indian owned
M 40.00 Indian owned	N 40.00 Indian owned	O 40.00 Indian owned	P 40.00 Indian owned
A		A	

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD :
QG6C101

ONGARD
C101-APPLICATION FOR PERMIT TO DRILL

08/12/98 13:25:52
OGOIV -EME5

OGRID Idn : 13925 API Well No: 30 39 25763 APD Status(A/C/P): A
Opr Name, Addr: MALLON OIL CO Aprvl/Cncl Date : 12-08-1997
999 18TH ST
STE 1700
DENVER,CO 80202
Prop Idn: 22211 JICARILLA 459 17 Well No: 9

	U/L	Sec	Township	Range	Lot	Idn	North/South	East/West
	---	---	-----	-----	-----	-----	-----	-----
Surface Locn : G	17	30N	03W				FTG 1850 F N	FTG 2510 F E
OCD U/L : G		API	County	: 39				

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): G Cable/Rotary (C/R) : R
Lease typ(F/S/P/N/J/U/I): J Ground Level Elevation : 7165

State Lease No: Multiple Comp (Y/N) : S
Prpsd Depth : 4500 Prpsd Frmtn : CABARESTO CANYON OJO ALAMO

E7024: Only view is allowed

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07	PF08	PF09 PRINT	PF10 C102	PF11 HISTORY	PF12

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

08/12/98 13:26:02
OGOIV -EME5

API Well No : 30 39 25763 Eff Date : 04-08-1998 WC Status : A
Pool Idn : 96538 CABRESTO CANYON;OJO ALAMO (G)
OGRID Idn : 13925 MALLON OIL CO
Prop Idn : 22211 JICARILLA 459 17

Well No : 009
GL Elevation: 7165

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : G	17	30N	03W	FTG 1850	F N	FTG 2510	F E P
Lot Identifier:							
Dedicated Acre: 160.00							
Lease Type : J							
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :							

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

April 9, 1998

Mallon Oil Company
P. O. Box 3256
Carlsbad, New Mexico 88220
Attention: Terry Lindeman

Administrative Order NSL-3992

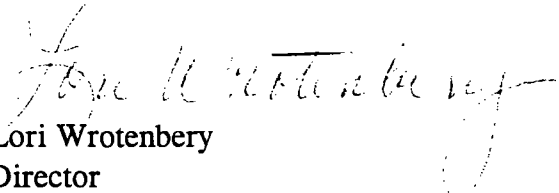
Dear Mr. Lindeman:

Reference is made to your application dated March 19, 1998 for a non-standard Pictured Cliffs gas well location for your proposed Jicarilla 459-17 Well No. 9 (API No. 30-039-25763) to be drilled 1850 feet from the North line and 2510 feet from the East line (Unit G) of Section 17, Township 30 North, Range 3 West, NMPM, Rio Arriba County, New Mexico. The NE/4 of said Section 17 is to be dedicated to said well in order to form a standard 160-acre gas spacing and proration unit for the East Blanco-Pictured Cliffs Pool.

The application has been duly filed under the provisions of Rule 104.F of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division").

By the authority granted me under the provisions of Division General Rule 104.F(2), the above-described unorthodox gas well location is hereby approved.

Sincerely,

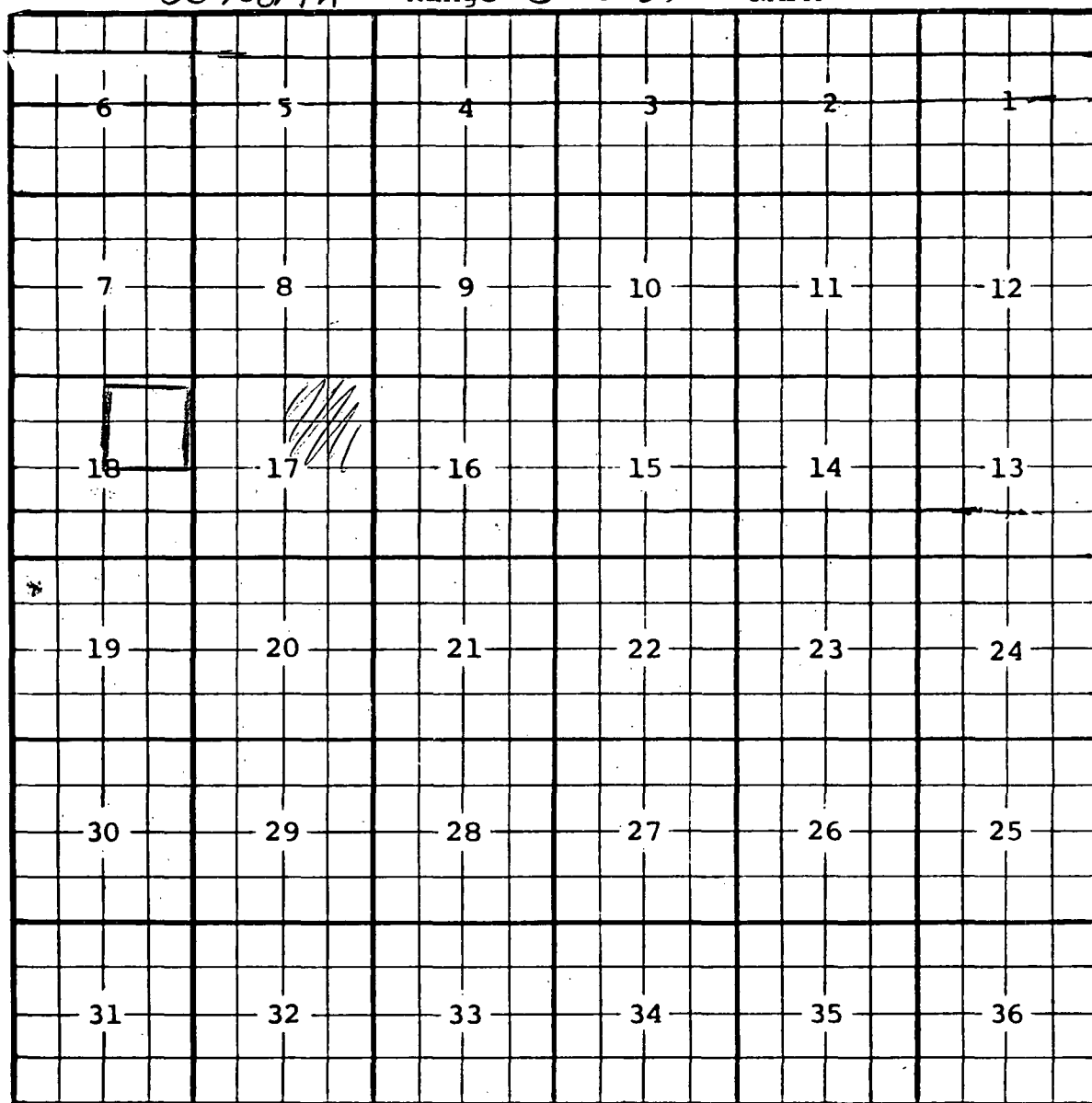

Lori Wrotenbery
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec
U. S. Bureau of Land Management - Farmington

County Rio Arriba Pool Cabresto Canyon-Ojo Alamo

TOWNSHIP 30 North Range 3 West NMPM



Description: NE 1/4 Sec. 18 (R-10990, 5-20-98)

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"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
b. TYPE OF WELL		Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		7. UNIT AGREEMENT NAME N/A	
c. NAME OF OPERATOR		Mallon Oil Company 13925		8. FARM OR LEASE NAME, WELL NO. Jicarilla 459-17 No. 9 2221	
d. ADDRESS AND TELEPHONE NO.		P.O. Box 3256 Carlsbad, NM 88220 (505) 885-4596		9. API WELL NO. 20-039-25763	
e. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)		At surface 1850' FNL and 2510' FEL (SW NE) Unit G		10. FIELD AND POOL, OR WILDCAT E. Blanco, Pictured Cliffs 724	
At proposed prod. zone		1850' FNL and 2510' FEL (SW NE) Unit G		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 17, T30N-R03W	
f. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		50 miles east of Bloomfield, New Mexico		12. COUNTY OR PARISH Rio Arriba	
13. STATE NM					
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		1850'		16. NO. OF ACRES IN LEASE 2267.2	
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.		2400'		19. PROPOSED DEPTH 4500'	
20. ROTARY OR CABLE TOOLS		Rotary			
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.)		7165'		22. APPROX. DATE WORK WILL START October 20, 1997	
23. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
8-3/4"	7"	17# 20 lb	500'	Circ. to surface	
6-1/4"	4-1/2"	11.6#	4500'	365 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

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.

24.

SIGNED:

Terry Lindeman

TITLE: Production Superintendent

DATE 10/16/97

(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:

(Original Signed) HECTOR A. VILLALOBOS

APPROVED BY

TITLE

DATE _____

8 1997

***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. —

Hold C-184 FOR NSL (E)

RECEIVED
FEB 11 1964
U.S. AIR FORCE
HEADQUARTERS
AIR FORCE
WASHINGTON, D.C.

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., Artec, N.M. 87410

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1984
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-C39-25763		*Pool Code 72400	*Pool Name E BLANCO; PC
*Property Code 22211	*Property Name JICARILLA 459-17		*Well Number 9
*OGRID No. 12925	*Operator Name MALLON OIL CO.		*Elevation 7165

¹⁰ Surface Location

UL or lot no. G	Section 17	Township 30-N	Range 3-W	Lot Idn	Feet from the 1850	North/South line NORTH	Feet from the 2510	East/West line EAST	County RIO ARRIBA
--------------------	---------------	------------------	--------------	---------	-----------------------	---------------------------	-----------------------	------------------------	----------------------

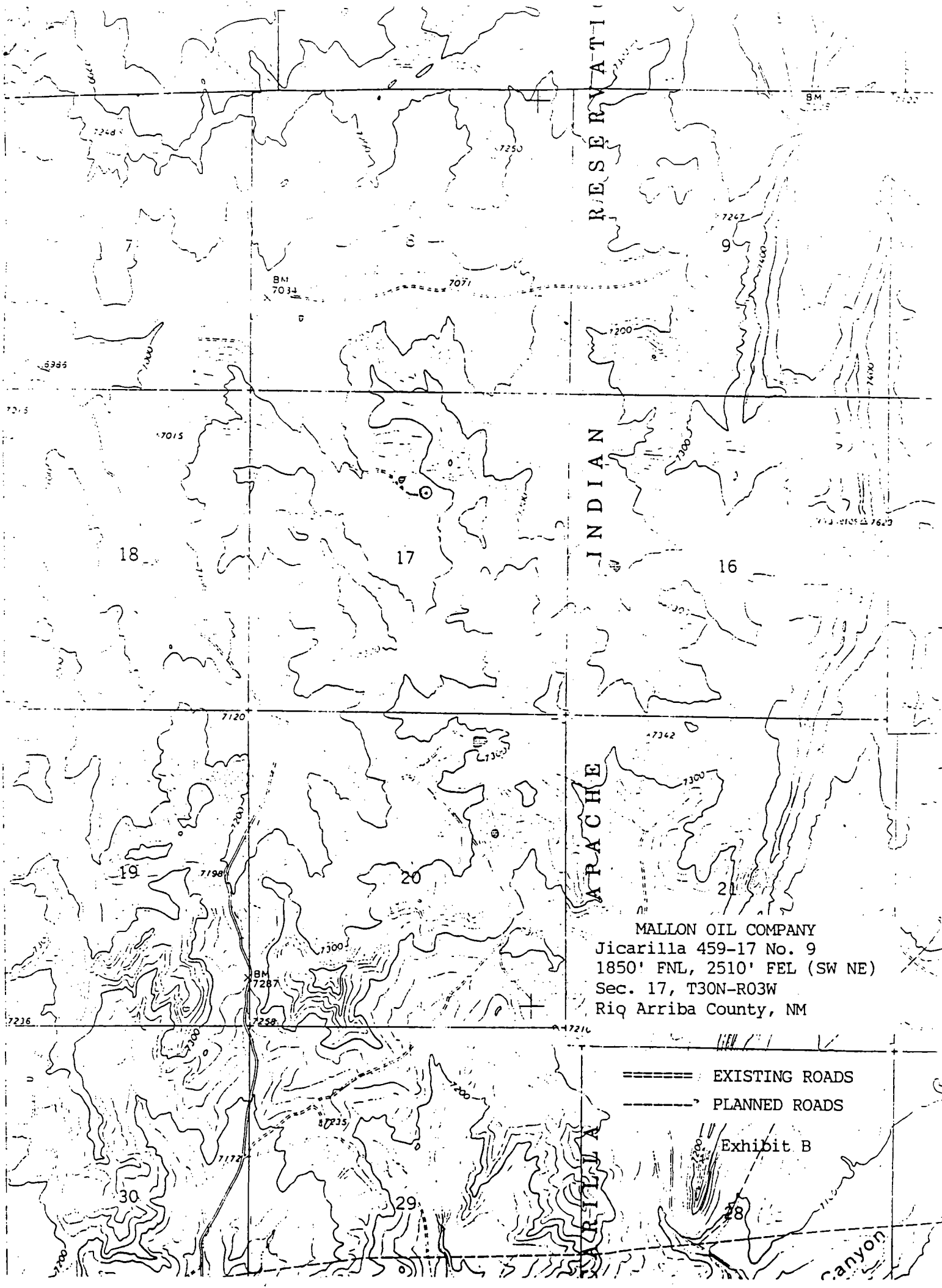
¹¹ Bottom Hole Location If Different From Surface

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

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

16					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: <u>Terry Lindeman</u> Title: <u>Production Superintendent</u> Date: <u>10/9/97</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>9-25-97</u> Signature and Seal of Professional Surveyor: <u>[Signature]</u> Certificate Number: <u>8894</u>	
					19 [Faint text: RECEIVED, OIL CONSERVATION DIVISION, OCT 10 1997]	



RESERVATION

INDIAN

APACHE

MALLON OIL COMPANY
 Jicarilla 459-17 No. 9
 1850' FNL, 2510' FEL (SW NE)
 Sec. 17, T30N-R03W
 Rio Arriba County, NM

- ===== EXISTING ROADS
- - - - - PLANNED ROADS

Exhibit B

canyon