NSL 8/12/98

OF CONSTRUCTION DIVISION

a Mallon Resources subsidiary

Mallon Oil Company

Denver/Colorado ♦ Carlsbad/New Mexico

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.

2 Weibler

Sincerely,

MALLON OIL COMPANY

Duane C. Winkler Operations Manager

Enclosures

♦ P.O. Box 3256 ♦ Carlsbad, New Mexico 88220 ♦ Phone: 505/885-4596 ♦ Fax: 505/885-0022 ♦

Form 3160-4				IAIES		_	SUE	MITIM	DUP	LICATE.			APPROVED	
(Julý 1992)	. 1	DEPARTM						(See o	ther ins	tructions	OMB NO. 1004-0137 Expires: February 28, 1995			
		BUREAU	OF LAND	MANAG	EMENT			on fev	erse sid	· –	LEASE DE			
)A(C)	COMPLE	TION OR	DECOM	OL CITI	SALDE	000	- A A (D)	100		₂ .		ESIGNATION ANI	D SERIAL NO.	
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TYPE OF COM]7.	_	REEMENT NAME		
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METT X	OVER	EN	BACI	` []	RESVR [FARM OR	LEASE NAME,	WELL NO.	
2 NAME OF OPER	ATOR									1	Jicarill	a 459-17 N	o. 9	
	M	allon Oil	Company	•						9	API WELL	NO		
3 ADCRESS AND				*****								9-25763		
3 AUCRESS AND		O Day 2	OFC 0-4	ا لاماد	UNA OO	220	(EOE)	005	4E0	<u> </u>				
		.O. Box 3							459			ND POOL, OR W		
4 LOCATION OF W	ELL (A	eport location			-					<u> C</u>	abresto	Canyon; C	Djo Alamo Ext.	
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	,		,		,	,					Sec. 1	7, T30N, R	03W	
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15. DATE SPUDDE		16 DATE	TD REACHED	17 0	ATE CO		In Provi	18 🖂				ET 19. ELEV C		
	_	2/21/19		1	1998	(ricauy	1	7165			J. (1), GR.	7166'	MONOCIUMU	
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20 TOTAL DEF III.		1				W MAN				LLED BY	1			
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26. TYPE ELECTRI	C AND OTHER L	OGS RUN									27. WAS	WELL CORED		
											N/A			
28			(CASIN	G REC	ORD	(Repo	ort all	l str	ings set	n well)			
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5-1/2"		17 lb	[3	965'		7-7/8	"			(s 35"65			N/A	
								Ci	rc 1	00 sxs to	surfac	e		
29		<u>L</u> I	INER RECO	ORD						30		TUBING F	RECORD	
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					Ĺ)EPTH II	TERVAL	(MU)			AMOL	INT AND KIND O	F MATERIAL USED	
3190' - 3232'	4 JSPF 16	88 Holes					3190'	- 323	32'		3000	Gals 7-1/2 %	Acid	
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							[
							<u> </u>							
33.*			PI	SODUC.	TION									
DATE FIRST PROD	UCTION .	-			O (Flowi	ng, gas i	ift, pumpii	ng - size	e and	type of pump	WELL ST	AT (Producing	or Shut In)	
			Flowing	1							Produ	cing		
4/8/1998		RS TESTED	CHOKE		PRODNI	FOR	OIL - BB	L	. (GAS - MCF	WATE	R - BBL	GAS-OIL RATIO	
4/8/1998 DATE OF TEST	HOU		3/8"		TEST PE	RIOD	0		13	00	80		0	
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DATE OF TEST	1							C 110	 _	LALA TED	DDI TOU	0041/10/ 40/		
DATE OF TEST 3/6/1998	24	NG PRESSUR	RE CALCU	LATED	OIL -	BBL	GA	5 - MU	├-	WAIER -	DDL IUI	L GRAVII Y - API	(CORR.)	
DATE OF TEST	24	NG PRESSUR			OIL - 1	BBL	1300	S - MCI		WATER - 80	0	L GRAVITY - API	(CORR.)	
DATE OF TEST 3/6/1998 FLOW TBG PRESS	24 CASI	NG PRESSUR		LATED R RATE		BBL.		S - MCI			1 -	L GRAVIIY - API	(CORR.)	
DATE OF TEST 3/6/1998 FLOW TBG PRESS 410	CASI 0		24-HOL	R RATE		BBL .		5 - MCI		80	0		(CORR.)	
DATE OF TEST 3/6/1998 FLOW TBG PRESS 410 34. DISPOSITION 0	CASI 0			R RATE		B8L		5 - MCI		TEST WIT	1 -		(CORR.)	
DATE OF TEST 3/6/1998 FLOW TBG PRESS 410 34. DISPOSITION (Sold	CASI 0		24-HOL	R RATE		B8L		5 - MCI		80	0		(CORR.)	
DATE OF TEST 3/6/1998 FLOW TBG PRESS 410 34. DISPOSITION OF SOLID 35. LIST OF ATTAC	CASI 0		24-HOL	R RATE		B8L		5 - MCI		TEST WIT	0		(CORR.)	
DATE OF TEST 3/6/1998 FLOW TBG PRESS 410 34. DISPOSITION OF SOLID 35. LIST OF ATTAC N/A	CASI O DF GAS	(Sold, used	24-HOL	R RATE	0		1300		1	TEST WIT Kisor	0		(CORR.)	
DATE OF TEST 3/6/1998 FLOW TBG PRESS 410 34. DISPOSITION OF SOLID 35. LIST OF ATTAC	CASI O DF GAS	(Sold, used	24-HOL	R RATE	0		1300	om all a	availai	TEST WIT Kisor	NESSED E		(CORR.)	

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

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MILL FOR								
11.								
FORMALISMA							•	

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

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994 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., Axtec, 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

		7	WELL L	CATION PI	TAT					
1 API	Number			Pool Code			Pool Nam	a		
30-039-2	5673		96	538		Cabresto Ca	nyon; Ojo	Alamo		·
*Property Co	oda				⁶ Property				• ₩	ell Number
22211					JICARILLA					9
OGRID No	•				*Operator				•	Elevation
013925		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	MALLON (7165
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4			11 Botto	om Hole	Location 1	f Different Fro	om Surface			
UL or let no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	et line	County
18 Dedicated Acres	a Joint	or Infill "	Consolidatio	n Cods 350	rder No.					
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Form 316:)-4 (July 1992)			UNITED STATES EPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT						(See other	CATE* FORM APPROVED OMB NO. 1004-0137 Expires: February 28, 1995				· .	
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At total depth	1850' F	FNL. 25	10' F	EL (SW	NE) Un	it G 🛭	4. Permit	No. D	ATE ISS	JED	_		R PARISH	13. STATE	:
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15. DATE SPUDDE	D			TD REACH	ŀ		(Ready			•	RKB, R	T, GR. ET	19. ELEV CA	SINGHEAD	
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20. TOTAL DEPTH.	WD & IVD)	21. PI	LUGBACK	TD, MD & TV		OW MAN			RILLED BY		ROIA	ARY TOOLS	1	CABLE TOOLS
3970'			392	3'		N/A	١				Υ	es		N/A	
24 PRODUCING IN	NTERVAL (S	S), OF THI	S COMPL	ETION - TO	ор, воттом	I. NAME (MD AND	TVD*)		.,	25. W	VAS DIRE	CTIONAL SURV	YEY MADE	
3190' - 3232' Ojd	Alamo										Yes				
26. TYPE ELECTRI	C AND OT	HER LOGS	RUN										ELL CORED		
					0.4.0111							<u>/A</u>			
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5-1/2"			7 lb		3965'		7-7/8			sxs 35")Z		N/A	
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29.	,		<u>Ll</u>	NER RE	CORD					30			TUBING RE	,	
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3190' - 3232'	4 JSPF	168 F	loles "	1 111	• '		ruf'	3190' -	3232	,			als 7-1/2 % A		
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			· 12:	네트 널	WING.	区川边	J _C								
33.*					PRODUC										
DATE FIRST PROD	UCTION	1		L	CTION METH	+O (Flow	ring, gas l	ift, pumping	j - size ai	nd type of p	ump W	ELL STAT	(Producing of	Shut In)	
4/8/1998				Flowi		1						roducii	*		
DATE OF TEST		HOURS T	ESTED		KE SIZE	PROD'N		OIL - BBL		GAS - MC	1	WATER	- 8BL	1	L RATIO
3/6/1998		24		3/8		TEST PE	ERIOD •	0	1	300	8	0		0	
FLOW TBG PRESS	i	CASING F	RESSUR	E CALC	CULATED	OIL -	8BL		- MCF		R - BBL	OIL G	RAVITY - API (CORR.)	-
410		0		24-H	OUR RATE	0		1300	1	80		0			
34 DISPOSITION	OF GAS	(5	Sold, used	for fuel, ve	ented, etc.)		-		. 1			SSED BY			
Sold	\mathcal{A}				ented, etc.)		ne(CORD		Kisc	or				·
35 LIST OF ATTAC	LHALINTS		,	1	· ACCT	1257	J.							•	
36. I hereby certify	hay the hy	egoing and	attackled	information	is complete				n all ava	lable record	ts			- /	
SIGNED		10		UZ	0	•		Title F	roduc	tion An	alyst		DATE	4/2	4/09
		()		*(See In	struction	s and S	paces f	or Addit	ional D	ata on R	everse	Side)	<u> </u>	11 10	7 10

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

	J.	TRUE VERT, DEPTH						
-	101	WEAS. DEPTH	3183'	3419'	3651'	3749'	3803'	
	1 × ×		Ojo Alamo	Kirtland	Fruitland	Pictured Cliffs	Lewis	
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No. 1 and	HOLLING			·	-		· · · · · · ·	
recoveries):	108M41373							•

Furin 3160-5



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

CHAPTUENTIAL	/
CHAPTUENTAL	-

EODM APPROVED

wheel Remark No. 1004-0135

Experes	March	31.	1993

5. Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS	ON METTION 13 PHILE STATE	31C 45-1
Do not use this form for proposals to drill or to deepen or r		6. If Indian, Allotte or Tribe Name
Use "APPLICATION FOR PERMIT" for si		
	- Win dEphrocydom un.	JICARILLA APACHE
SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation
1. Type of Well		7
		N/A
Oil Well X Gas Well Other:		IN/A
2. Name of Operator		8. Well Name and No.
Mallon Oil Company		Jicarilla 459-17 No. 9
3. Address and Telephone No.		9. Well API No.
P.O. Box 3256, Carlsbad, NM 88220	(505) 885-4596	30-039-25763
		10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		East Blanco, Pictured Cliffs
1850' FNL, 2510' FEL (SW NE) Unit G		11. County or Parish, State
Sec 17, T30N-R03W		
		Rio Arriba, New Mexico
12. CHECK APPROPRIATE BOX(S) TO INDIC	ATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE	OF ACTION
The distance of the second of		
Notice of Intent	Abandonment	Change of Plans
UIEVEIVE	Recompletion	New Construction
X Subsequent Report 11 2 4 107	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	x Other: Spud	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, inc	wing estimated date of starting any proposed work	
subsurface locations and measured and true vertical depths for all markers and zones pertinent		. Wests and case was a mode, give
	,	
M-11 0:1 0 141	U 0/44/00 -4 44-00 D BE	
Mallon Oil Company spud the above referenced we		
Drilled 12-1/4" hole, 8-5/8" x 24 lb/ft surface casing		
Cmt with 325 sxs Class "B" cement, 1/4 lb sxs Cell	oflake, circ 100 sxs of cemen	t to surface
•		
	•	
	•	
14. I hereby certify that the foregoing is true and correct		
Λι 'ι ο		
Signed Unitaty Structuro	Title <u>Production Secretary</u>	Date 6/15/98
Christy Serrano		
(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)		
		A Desputação
Approved By Patricia M Desta	Title Lands and Miner	ral Hesources Date 6/19/98
Conditions of approval, if any:		
Source of Approved in mile.		′
		•

g 1980, Habba, N.M. 88241-1980

State of New Mexico

, Harl) (12)

Instructions on t Submit to Appropriate District C:

State Lease - 4 Co Pee Lease - 3 Co

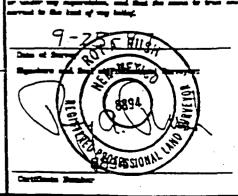
P.O. Drawer III, Artesia, N.M. 88211-0718

INTERICT II 1000 Re Brasse Rd., Astes, N.M., 87413

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

AMENDED REP CONTROL TV
PC Benz 2006, Senta Fa, 104 57504-2086 WELL LOCATION AND ACREAGE DEDICATION PLAT 30-039-25763 CABRESTO 3 1 amo * Property Code JICARILLA 459-17 g 222/1 'ocall Ne. *Operator Name Equal-13925 MALLON OIL CO. 7165 10 Surface Location किर कि Feet from the Morth/South the Fort Som the East/Yest in Township Bange ا معد اجماعه ا Section Corcery 17 30-N3-W1850 NORTH 2510 EAST RIG ARRE 11 Bottom Hole Location If Different From Surface Morth/South the | Feet the | CL 35 101 301 | Section Cowcamp Zange Foot from the Lart/Yest == Coursey Destinated Acres | 2 famt or Infff | 2 Consolidation Code | 2 Creier No. 150 NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLDATE OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION " OPERATOR CERTIFICATION Henera Terry Lindeman 2510 Production Superintendent 10/9/97 15 SURVEYOR CERTIFICATION

> DET. 3



INTENET I P.O. Best 1980, Hobba, N.M. 88241—1980 State of New Mexico

Form C-1

Revised Febuary 21, 19 Instructions on ba Submit to Appropriate District Offi

State Lease - 4 Cop-Fee Lease - 3 Cop

httrinit I P.O. Drawer III, Artesia, N.M. 88211-0719

PO Berz 2008, Sente 7e, XX 57504-2088

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

AMENDED REPO!

				OCALIO	N AND AC	REAGE DED	ICATION P	LAT	
, 754	Humber			Pool Code	2 CA				
				663	<u> </u>		<u>io Alamó</u>	(G) C/	Tell Yumber
*Property C	ada				*Property JICARILLA	*			9
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(Other instructions on

FORM APPROVED

OMB NO. 1004-0136

UNITED STATES
DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

reverse side)

Expires February 28, 1995 5. LEASE DESIGNATION AND SERIAL NO

	APPLICA	ATION	FOR PER	MIT TO D	RILL	OR DEEPE	N		JIC459		
1a. TYPE OF WORK	Drill	X		Deepen					6. IF INDIAN, ALLOT Jicarilla Apach	е	
b. TYPE OF WELL Oil Well	Gas Well	X	Other			Single Zone	Multiple Zone		7. UNIT AGREEMEN N/A	TNAME	
2. NAME OF OPERAT	TOR Mallon Oil	Compa	ير any	3925					8. FARM OR LEASE Jicarilla 459-1		
3. ADDRESS AND TE				7.5					9. API WELL NO.		
	P.O. Box					_			36-059	7- 21:	57 <u>63</u>
	Carlsbad,			(505) 885			<u> </u>		10. FIELD AND POO		
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At proposed prod. zon	e	1850	' FNL and	2510' FE	L (S	W NE) Unit	G	<i>(</i> ',	AND SURVEY OR AF Sec. 17, T30N		W/
14. DISTANCE IN MIL	ES AND DIDE	CTION EDO	M NEADEST	TOWN OF PO	STOF	FICE *		(%	12. COUNTY OR PA		
				d, New Me			•		Rio Arriba		NM
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LOCATION TO NEAR								1	HIS WELL	٠	
PROPERTY OR LEAS	SE LINE, FT.			1850'		. 22	267.2		16)	
(Also to nearest drig. u	unit line, if any)										
18. DISTANCE FROM	PROPOSED L	OCATION	•			19. PROPOSED	DEPTH	20. F	OTARY OR CABLE T	OOLS	
TO NEAREST WELL,	DRILLING, CO	MPLETED,		2400'							
OR APPLIED FOR, OF	N THIS LEASE,	FT.				4	500'		Rotar	<u>y</u>	
21. ELEVATIONS (SH	OW WHETHER	R DF, RT, C		7165'		22. APPROX DATE		(October 20, 19	97	
23.			PRO	POSED CAS	ING A	AND CEMENTI	NG PROGRAM				•
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Exhibit A: Lo Exhibit B: Ro Exhibit C: Or IN ABOVE SPACE DE to drill or deepen direc 24. SIGNED:	will be cem n Federal r g attachme m ow Out Pre cation and pads and F ne Mile Ra ESCRIBE PROP ctionally, give pe	nented a regulation regulation regulation representation regulation regulatio	Equipme Equipme tion Plat s pogram: if pro	non-productific progra	ctive ams	Exhibit D: Exhibit E: Exhibit F: Exhibit G: ve data on present	Drilling Site L Production F H2S Conting Environment:	and a as Or ayou acilitic ency al Ass propose out prev	bandoned in a rder No. 1 are of the ses Plan sessment and new productive zone	man. outlin	ner ed
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PERMIT NO.							APPROVAL [DATE.			
Application approval d operations thereon.	loes not warran	t or certify t	hat the applica	nt holds legal or	equita	ble title to those rig	ghts in the subject lea	ıse whic	h would entitle the app	licant to	conduct
CONDITIONS OF APP	DDO\/A) IE ^*!	ı ∨ .									
APPROVED BY	-RUVAL, IF AN		il Signed) l	HECTOR A. TIT		LOBOS	•	DA		8	1997
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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.

4010 C-184 KOR NSLE

State of New Mexico Energy, Minerals & Natural Resources Department

Revised Febuary 21, 1994 Instructions on back Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DD, Artesia, N.M. 88211-0719 oo Rio Bresos Ed., Astec, N.M. 87410

N.M. 88241-1980

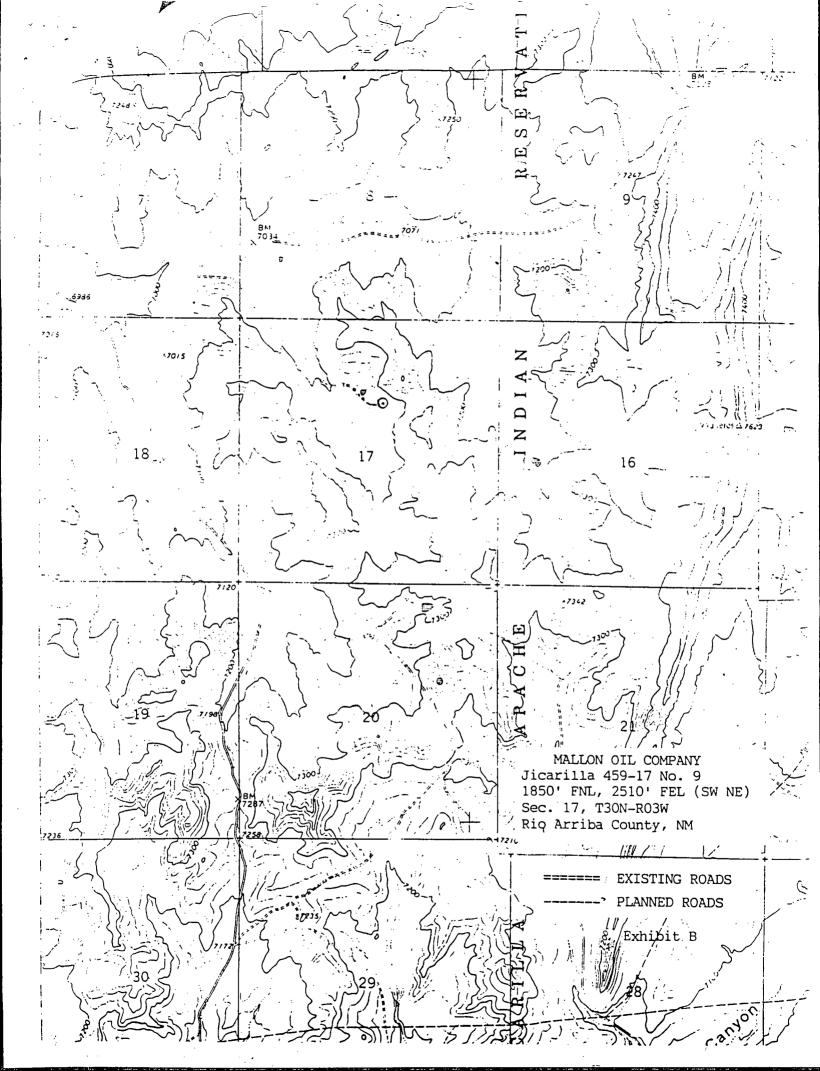
OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

☐ AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

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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]

)4.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]

- exception to the well location requirements of Sections 104.B and 104.C above or 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 archaeology, the plat shall also show and describe the existent topographical or archaeology, the plat shall also show and describe the constitution is based upon geology, the applications. 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 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;
- 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]
- 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]
- of) 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]
- 04.H. If the drilling tract is within an allocated oil pool or is

a Mallon Resources subsidiary

Mallon Oil Company

Denver/Colorado • Carlsbad/New Mexico

February 27, 1998

MAR - 2 i998

CCONSERVATION DIVISION

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 458-3 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

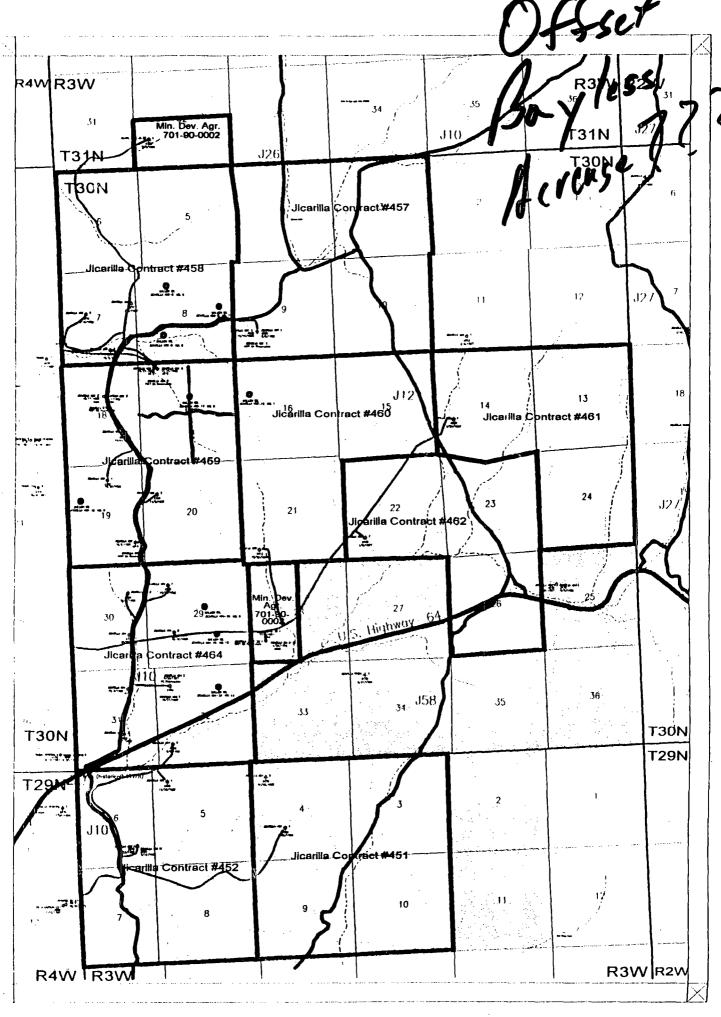
Mallon Oil Company Sincerely,

Terry Lindeman

Exploration/Production Superintendent

Submit to Appropriate District State Lease - 4 Fee Lease - 3 INSTRUCT III 1000 Rio Bresson Bd., Asteo. NM. 87410 P.O. Box 2088, Sents Fe, NM 87504-2088 WELL LOCATION AND ACREAGE DEDICATION PLAT 'API Number 'Property Cods 'Property Name JICARILLA 459-17 'OGHID No. 'Operator Name MALLON OIL CO. 10 Surface Location UL or let no. Section Township Bange Lot Idn Feet from the North/South line Feet from the East/Vert line County	DESTRUCT I P.O. Box 1980, Hobbs, N.J.	L 88241-1980	En	S ergy, Mines	itate of New rais & Natural E	Mexico	lant	Revised	Form C-10: Febuary 21, 199- ructions on back
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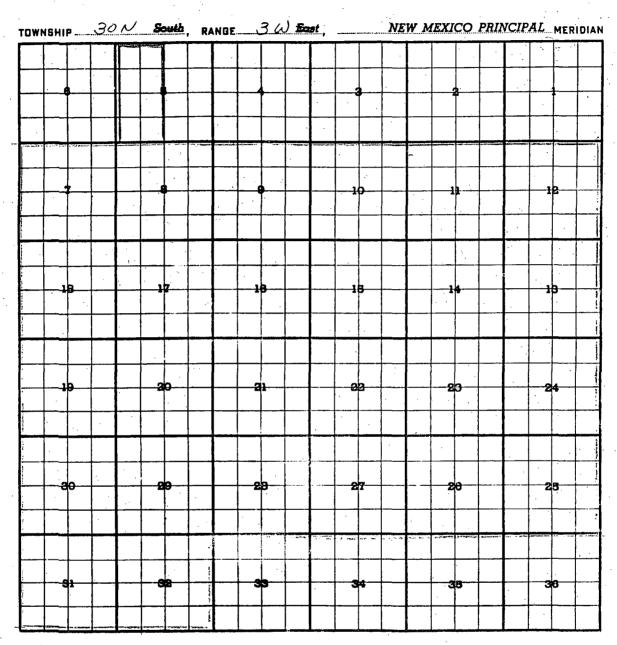
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MALLON OIL COMPANY

East Blanco Field - San Juan Basin Townships 29-30 North Rio Arriba County, New Mexico

Rio Arriba County, New Mexico



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CMD : OG5SECT

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INQUIRE LAND BY SECTION

08/12/98 13:25:26 OGOIV -EME5

PAGE NO: 1

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

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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

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CMD: ONGARD 08/12/98 13:25:52 OG6C101 C101-APPLICATION FOR PERMIT TO DRILL 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

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

Multiple Comp (Y/N) : S State Lease No:

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

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)

: G 17 30N 03W FTG 1850 F N FTG 2510 F E P B.H. Locn

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

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,

Topic Il Motion lie ref-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-Oio Alamo

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

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994

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., Axtec, N.M. 87410

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

¹API Number

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

Pool Code

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-039-25763 72400 EBLANCO; PC													
⁴ Property Co	ode	-/ C U			• Vell Number								
22211				•	JICARILLA		•	9					
22211 OGRID No				·	*Operat		* Elevation						
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