NSL

a Mallon Resources Subsidiary

## Mallon Oil Company

FEB **† 0** 1999

January 13, 1999

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

Attn: Mr. Mike Stogner

Re: Jicarilla 459-20 No. 7 1535' FNL and 2255' FEL (SW NE) Unit G Sec. 20, T30N-R03W Rio Arriba County, NM

Dear Mr. Stogner:

Mallon Oil Company received a Non Standard Location approval (NSL 4109) for the Cabresto Canyon; Ojo Alamo Extension formation.

Mallon Oil Company would like to apply for Non Standard Location approval for the Cabresto Canyon; San Jose Ext. at the existing well bore 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.

Should you need any further information, please contact the undersigned at 970-382-9100.

Sincerely,

Mallon Oil Company

Vusty

Christy Serrano Production Secretary

Enclosures

armur # .9, Drywer DD, Artesis, N.M. 88811-0719

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DETRICT IV "O Box 2058, Senia Ve, NM 57504-2088 State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Department 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

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AMENDED REPORT

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† Property Co	ode					porty N	lame	ų.				ell Number
	·				JICARILL		·		• .			7
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· · · ·	Hobbs, NM 88241-1980		ew México Iral Resources Departir *	Form C-107 Revised 4-1-91
DISTRICT III	D, Artesia, NM 88211-071 s Rd, Azzec, NM 87410 4	2040 Pache Santa Fe,	co St.	Filing Instructions Bottom of Page
Operator		Addres		······································
Mallon (	Dil Company		797 Durango, Colorado	b 81302
Lease		Well No. Unit Li	tr Sec - Twp - Rge	County
the second se	rilla 459-20 s for multiple complet	No. 7 G-20-30N-03		criba
1. The follow are submi		Upper Zone	Intermediate Zone	Lower Zone
	e of Pool and nation	Cabresto Canyon San Jose Ext.		Cabresto Canyon Ojo Alamo Ext.
Pay	and Bottom of Section Forations)	1692'-1778'	The Ballion of the Standard St	3252'-3289'
	e of production or Gas)	Gas	PECEIVE	)) Gas
	hod of Production wing or Artificial Lift)	Flowing		Flowing'
Oil ) Gas	y Production Actual Estimated Bbls. MCF er Bbls.	BO 0 BW 24 MCFD 422	Diffe 3	BO 0 BW 80 MCFD 1240

2. The following must be attached:

- a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- c. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

16.99

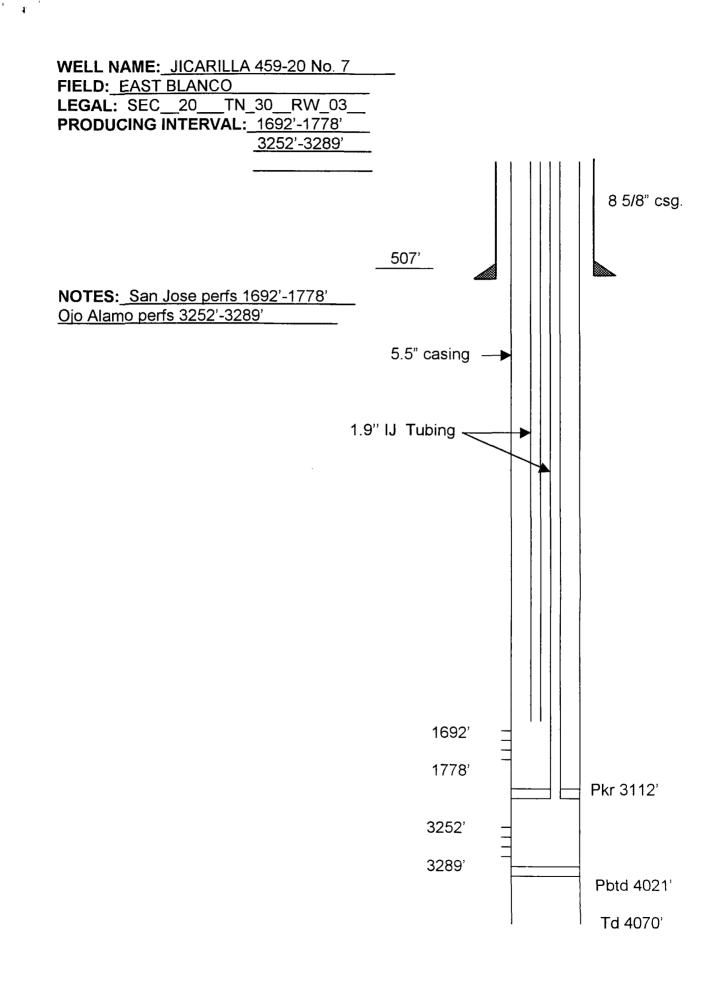
	OIL CONSERVATION DIVISION
I hereby certify above information is true and complete to best of my knowledge, and belief.	C.
Signature Christy Senano	Approved by mur Succh
$\Delta$	Title:
Printed Name & Title_CIE ISCY SETTERS, Troubletand Settering	JAN 15 1999
Date 1-13-99 Telephone 970-382-9100	Date:

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

#### FILING INSTRUCTIONS:

- 1) District Approval -- See rule 112-A-B -- Submit 4 copies of Form C-107 with attachments to appropriate district office.
- 2) Division Director Administrative Approval See Rule 112-C Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- 3) Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.





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

#### State of New Mexico Energy, Minerala & 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

P.O. Drawer DD, Artonia, N.M. 68211-0719

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

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

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

### □ AMENDED REPORT

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<sup>1</sup> API	Number			* Pool Code			*Pool Nam	_		
30-039	_	6	· ·	96538		Cabresto C	anyon; O	jo A1		
* Property Co	de				Propert				• 1	ell Number
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					MALLON				1	7239'
013925	l					·			L	
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• BUREAU OF LAND MANA			· .		is March 31, 1993
SUNDRY NOTICES AND REPOR	RTS ON W	ELLS	5	5. Lease Designat Jic 459	ion and Serial No.
Do not use this form for proposals to drill or to deepen	or reentry to	a diffe	erent reservoir.	6. If Indian, Allotte	or Tribe Name
Use "APPLICATION FOR PERMIT"	for such prop	osals.		liessille Ann	
SUBMIT IN TRIPLICATE	•			Jicarilla Apa	greement Designation
1. Type of Weli Oil Well X Gas Well Other:					-
2. Name of Operator Mallon Oil Company	<u> </u>			8. Well Name and Jicarilla 459-	
3. Address and Telephone No. P.O. Box 3256, Carlsbad, NM 88220		(50	)5) 885-4596	9. Well API No. 30-039-2578	36
			······		or Exploratory Area
<ol> <li>Location of Well (Footage, Sec., T., R., M., or Survey Description)</li> <li>1535' FNL 2255' FEL (SW NE) Unit G</li> </ol>					n; Ojo Alamo Ext.
Sec. 20, T30N-R03W				11. County or Pari	
12. CHECK APPROPRIATE BOX(S) TO INDI					
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TYPE OF SUBMISSION				FACTION	
Notice of Intent			Abandonment	Change of Pla	ans
			Recompletion	New Constru	
X Subsequent Report			Plugging Back	Non-Routine	
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Final Abandonment Notice			Altering Casing	Conversion to	
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Mallon Oil Company ran 5-1/2" x 15.5 lb/ft produ circ 52 sxs to surface. Pressure test csg on 3/26			osi. DEC JUL OILL G	ENVE Seco ANG JAG	s of cmt,
14. Thereby certify that the foregoing is true and correct				UT. 9	
Church Sanata					1 72 0~
Signed Christy Serrang	Title	Pro	oduction Secretary		Date 6-23-98
(THIS SPACE FOR FEDERAL OR STATE OFFICE USE) Approved By	Title		Lands and Minera	al Aesourcau	<sub>Date</sub> 7/6/98
Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any departmen as to any matter within its jurisdiction.	t or agency of th			dulent statements or represe	entations

GOMEIDENTIAL

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District F PO Box 1980, Houbs, District H	NW 88241 1980								Culumit	Revised February 10, 1994 Instructions on back to Appropriate District Office
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District III 1000 Rio Brazon Rol - District IV	Artec, NM 87410			Santan	Fe, NM 07504-	2086		ļ		AMENDED REPORT
PO Box 2089, Santa F	e 1#4 9/504 2088	RF			ABLE AND		άτιον τι		SPORT	
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	Mallon Oil ( P.O. Box 3								3 Resson I	13925 har Filing Cade
	Carlsbad, N		(505) 885-	-4596					NW	
	4 API Number				5.	Pool Name				6 Pool Code
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# CONFIDENTIAL

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Form 3160-4		NITED STAT				IN DUPLICATI	• İ		FORM APPI	ROVED
(+ #y 1992)		ENT OF THE			VILID	IS A LAND			OMB NO. 10	04-0137
· •	BUREAU	OF LAND MAN	AGEMENT	- 200		(ohra epieven no			Expires: Februa	
<u>\\/EI</u>	LCOMPLETION	RRECOMP						EASE DESIGNAT		AL NO.
1a. TYPE OF WELL		AS			100			INDIAN, ALLOT		
			NRY T	OTHER			(°. "	Jicarilla Ap		
b. TYPE OF COMPLETION			- yes				7.1			
NEW WORK	DEEP-	PLUG	DIFF				{	N/A		
WELL X OVER		ВАСК	RESVR	ОТН	(ER		8. F	ARM OR LEASE	NAME, WELL N	0.
2. NAME OF OPERATOR						<u> </u>		Jicarilla 459	9-20 No. 7	
1	Mallon Oil Compan	v				-	9. A	PI WELL NO.		
3. ADDRESS AND TELEPHONE NO		<u> </u>						30-039-257	/86	
1	<sup>o</sup> .O. Box 3256, Ca	risbad, NM 8	8220		(505) 885	5-4596	10.	FIELD AND POO	L, OR WILDCAT	
4. LOCATION OF WELL '(	Report location clearly and	in accordance with a	ny State requiren	ients")			Ca	bresto Cany	on; Ojo Ala	mo Ext.
At surface 1535' FNL :	and 2255' FEL (SV	V NE) Unit G					11.	SEC., T., R., M.,	OR BLOCK ANE	SURVEY
	`	•					OR	AREA		
At top prod, interval reported belo	w 1535' FNL a	ind 2255' FEL	(SW NE) L	Jnit G						
			_			······································		Sec. 20, T3	30N-R3W	
At total depth 1535' FNL	and 2255' FEL (SV	V NE) Unit G	14	. PERMIT NO.	DA	TE ISSUED	12.	COUNTY OR PA		3. STATE
		<u> </u>		<u>N/A</u>		<u>N/A</u>		Rio Arriba		IM
15. DATE SPUDDED	16. DATE TO REACH	ED 17. D	ATE COMP	(Ready to Prod	1.) [18.		DF, RKB, RT, GF	R, ETC*)		CASINGHEAD
3/16/98 20. TOTAL DEPTH, MD & TVD	3/23/98	TD, MD & TVD	4/18/98	ULTIPLE COMP	, <u>_</u>	7239' GL		ROTAR	7240	CABLE TOOLS
				W MANY"		ORILLE		}		1
4070'	4021	·		<u>N/A</u>			<u> </u>		Yes	N/A
24. PRODUCING INTERVAL (S), OF	THIS COMPLETION - TO	P, BOTTOM, NAME	(MD AND TVD*	)			25.	WAS DIRECTION	NAL SURVEY M	ADE
3252'-3289'									Yes	
26. TYPE ELECTRIC AND OTHER	OGS RUN							27. WAS WELL		
DIL, SDL, DSN									N/A	
28.				RECORD (F						
CASING SIZE/GRADE	WEIGHT LB/F		TH SET (MD)		ESIZE			EMENTING REC	ORD	AMOUNT PULLED
8-5/8"	24 lbs		507'	12	-1/4"	[cmt 300	sxs "B", circ		<u>+</u>	
5-1/2"	15.5 lbs		4064.5		7/8"	omt 607	to sur	ace sxs to surfa		
	10.0103		4004.0	+			5X5, CITC 52	533 10 30110	100	
29.	·····	LINER RECOR	D			30		T	UBING RECC	DRD
SIZE TOP	MD B	OTTOM (MD)	SACKS	CEMENT .	SCREE	N (MD)	SIZE	DEPTH	SET (MD)	PACKER SET (MD
N/A							1.9	311	1'	3112'
			<u>l</u>		ļ			1		
31. PERFORATION RECORD	(Interval, size, an	STE OF	20021	ED	32.			RACTURE, CE		
3252'-3289' 4 is	of 148 holes	)) [三(C)]	2111/1	Em		DEPTH INTER	VAL (MD)	AMOUNT	AND KIND OF M	ATERIAL USED
5252-5265 435				- 111	3252'-32	89'		2750 gal	7-1/2% acid	
Ojo Alamo	IJ	U MAY	- 7 199					2/00 gai		
•	-	- PIAT	1 199	5	]					
					L					
33.*										
DATE FIRST PRODUCTION	IPROQ	UCTION METHOD		g, gaswa, yampin	g - size and typ	be of pump)		WELL STATUS	(Producing	or Shut In:
6/98 DATE OF TEST HOUR			PROD'N FO		OIL - BBL		AS - MCF	WATER - 1		GAS-OIL RATIC
		HORE SIZE	TEST PERK	1		0,	NG - MCF	WATER-1	381	GAS-OIL RATIO
3/27/98	24	3/8"			0		1240	1	•••	N1/A
		ALCULATED	OIL - B	BL	GAS - M	MCF	1240 WATER - BBI		80 RAVITY - API (C	
		4-HOUR RATE	1	1		1				
380		<b>&gt;</b>		0	1240		80		N/A	·
34. DISPOSITION OF GAS	(Slid, used for fuel, ve	nted, etc.)	TCED	TED FOR I	RECORD	) 	TEST WITNE Kisor	SSED BY		
35. LIST OF ATTACHMENTS			ACCO							
36. Then by certify that he foregoing	and att chadinformation is	omplete and conten	• na determined f	rom all available re	sorde					In the
SIGNED	GULA				LE Produ	uction Seci	etary	······	DATE	117/72
		tises inc	tructions and	Spaces for /	Additional	Data an Bai	(orea Sida)			

Title 18 U.S.C. 1001, makes ra crime for any person mowingly any willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any natter within its jurisdiction



101	TH TRUE		•				an a	
	NEAS, DEFTH	3246'	34801	36691	3776'	38601		
	NANE	Ojo Alamo	Kirtland	Fruitland	Pictured Cliffs	Lewis		
1. WILLION, CONTENES, ETC.								
100 P. 141								
1111 1 1144								
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HINT A LINH				į	tin tana	Pinat Inte		

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DETIMINT I P.O. Box 1980. Bobbs. N.M. 38241-1980 DETIMINT I P.O. DETIMINT DD. Artman. N.M. 38211-3713 DETIMINT II 1000 Rio Brazos Rd., Aster. N.M. 37413	State of New S Energy, Minemain & Natural Real CIL CONSERVATION P.O. Box 205	DIVISION	Submit to Appropria State L Fee L	zase - 4 Cop: zase - 3 Cop:
Distriction of PG Bark 2008, Santa 74, NM 37504-2088	Santa Fe. NM 8750	14-2008		INDED REPOR
አ	ELL LOCATION AND ACRE	EAGE DEDICAT	TION PLAT	
معت ۲ ملت میں 30–039–25786	96538 CA.	BRESTE Ojo Alamo	O'' CHNYON (C) EX	
" Craqers Late	* <del>Property</del> Name JICARELA 459			• Veil Sumper 7
10023 No.	Operator Nam	<b>Z</b> A		1 Eentica
	MALLON CIL			7239'
	<sup>10</sup> Surface Lo			
Contract and Secure Township	Reage         Lot : da         Fort prom the         N           3-W         1535         1	-	2255 Sant/Ten Line	5-0 765 EF
		Different From		
OL er let 20. Section Townsair	Range Lot idn Feet rom ine !	North/South Line _ Peer   	t from the Basel, Yest Line	Ciunty
"Desicated Acres "Just or Intil "C	ornalidation Loca Conter No.	<u> </u>		
NO ALLOWABLE WILL BE A	SSIGNED TO THIS COMPLETION			CONSCLEATE.
	ON-STANDARD UNIT HAS BEEN	N APPROVED BY		
	WEST 5256.8' (record)	S 00-02 E 5549.28 <sup>1</sup> (100414)	17 OFERATOR CE Christy Serrano Christy Serrano Production Secre The SURVEYOR CER I SURVEYOR CER I SURVE	AAQ ho stary stary TIFICATION

UNITED STAT	EINTERIOR	in an appending the
BUREAU OF LAND MAN		Service of the servic
SUNDRY NOTICES AND REP Do not use this form for proposals to anil or to deep		6 If Indian Adotte or Tribe Name
Use "APPLICATION FOR PERMIT -		Jicarilla Apache Tribe
SUBMIT IN TRIPLICATE		7 If Unit or CA, Agreement Designation
Oil Well X Gas Well Other		N/A
2. Name of Operator Station Mallon Oil Company		8 Wet Name and No Jicarilla 459-20 No. 7
Address and Telephone No P.O. Box 3256, Carlsbad, NM 88220	(505) 885-4596	9 Wet API No 30-039-25786
4 Location of Wet (Footage, Sec., T., R., M., or Survey Description) 1535 FNL 2255' FEL (SW NE) Unit G		10 Field and Pool or Exploratory Area East Blanco, Pictured Cliffs 11 County or Pansn, State
Sec. 20, T30N-R03W		Rio Arriba County, New Mexico
12. CHECK APPROPRIATE BOX(S) TO I	NDICATE NATURE OF NOTICE, RE	PORT, OR OTHER DATA
TYPE OF SUBMISSION	T	PE OF ACTION
Notice of Intent	Abandonment Recompletion	Change of Plans
X Subsequent Report		Non-Routine Fracturing
_	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection Dispose Water
		The Event results of muttile conservation with
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent da		and when it have not which they will and be a from
subsurface locations and measured and true vertical depths for all markers and zones po	eranent to this zone.)*	
Mallon Oil company spud the above reference v 8-5/8" x 24 lb/ft surface csg was set at 507' and Circulated 93 sxs of cement to pit.		
		DECEIVED N MAY - 7 1998
		OIL CON. DIV. Dist. 3
14 I hereby certify that the foregoing is true and correct		
signed Christy Surrano	Title <u>Production Secretary</u>	DateDate
IT AS SPACE FOR FECERAL OR STATE OFFICE . JEI	Title	Incral Rescurded MAY 1 1998
Conditions of approval, if any:		
Conditions of approval. If any:		

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	Form 3160-3		UNITE	D STATES				RM APPROVED	
	(July 1992)		DEPARTMENT			(Other instructions reverse side)		B NO. 1004-0136 s February 28, 1995	
			BUREAU OF LAN					IGNATION AND SERIAL	NO
		APPLIC	ATION FOR PER	RMIT TO DRILL	OR DEEPE	N	Jicarilla 45	59	
	1a. TYPE OF WO		וישו	<b>D</b> aamaa [	۰ ۲ ، ۱			LLOTTEE OR TRIBE NA	ME
	b. TYPE OF WEL	Drill	X	Deepen	<u>_</u>		Jicarilla A 7. UNIT AGRE		
	Oil Well	Gas Well	X Other		Single Zone	Multiple Zone	N/A		
	2. NAME OF OPE							EASE NAME, WELL NO.	
			I Company 13	3925				59-20 No. 7 22	862
	3. ADDRESS AND	D TELEPHONE NO			· · · · ·		9. API WELL N	IO.	
		P.O. Box	3256 NM 88220	(505) 885-459	6		30-	039-25786	
	4. LOCATION OF		ation clearly and in accord			· ····		POOL, OR WILDCAT	72/00
	At surface		1535' FNL and	12255' FEL (S	W NE) Únit (	G	11. SEC., T., R		
	At pro-	7000	1535' ENIL 250	1 2255' FEL (S		G	AND SURVEY	OR AREA	
	At proposed prod.	Zone	1000 TINE dill	. 2200 FEL (3				30N-R3W	
	14. DISTANCE IN		CTION FROM NEAREST					DR PARISH 13. STATE	
	46		east of Bloomfiel	d, New Mexico			Rio Arriba		
	15. DISTANCE FE	ROM PROPOSED 1	•		16. NO. OF ACRE	S IN LEASE	17. NO. OF ACRES / TO THIS WELL	ASSIGNED	
	PROPERTY OR L			2255'		2267'		160	
	(Also to nearest dr	rlg. unit line, if any)							
		ROM PROPOSED		2300'	19. PROPOSED D	EPTH	20. ROTARY OR CA	BLE TOOLS	
		ELL, DRILLING, CO R, ON THIS LEASE		2300	45	500'	R	otary	
			R DF. RT. GR. Etc.)72	397124	22. APPROX.DATE W		February 28		<u> </u>
	23.	· · · · · · · · · · · · · · · · · · ·		POSED CASING					
	SIZE OF HOLE	1							
		GRADE	SIZE OF CASING	WEIGHT PE		SETTING DEPTH		TITY OF CEMENT	
	12-1/4"	GRADE	8-5/8"	24	#	500'	Circ. to su	inface 1	
		GRADE	and the second		#			inface 1	
	12-1/4"	GRADE	8-5/8"	24	#	500'	Circ. to su	inface 1	·
	<u>12-1/4"</u> 7-8/8"		8-5/8" 5-1/2"	24 15.5	# 5#	500' 4500'	Circ. to su	Turface	· · · · · · · · · · · · · · · · · · ·
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DISTRICT III				OIL C	ONSERVA	TIO	N DIVISION				Fee Lea	ase - 3 Copies
1000 Rio Brazos F	Rd., Aztec,	N.M. 87410		Sa	P.O. B nta Fe. N					r.		שמסמים מיזיתו
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* Property C	÷ .			<sup>•</sup> Property Name JICARILLA 459-20						• #	ell Number 7	
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Exhibit A

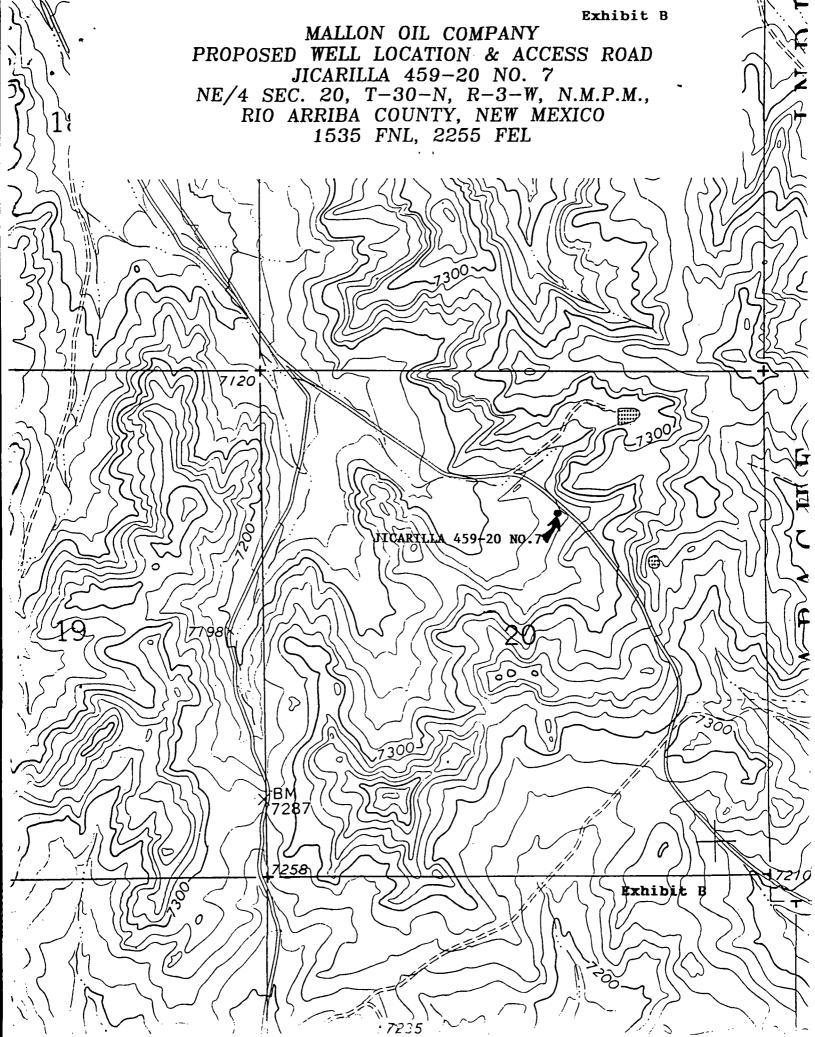


Exhibit B

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MALLON OIL COMPANY PROPOSED WELL LOCATION & PIPELINE ACCESS JICARILLA 459-20 NO. 7 NE/4 SEC. 20, T-30-N, R-3-W, N.M.P.M., RIO ARRIBA COUNTY, NEW MEXICO 1535 FNL, 2255 FEL

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PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12						

August 12, 1998

Mallon Oil Company P. O. Box 3256 Carlsbad, New Mexico 88220 Attention: Duane C. Winkler

Administrative Order NSL-4109

Dear Mr. Winkler:

Reference is made to your application dated July 14, 1998 for a non-standard gas well location within the Undesignated Cabresto Canyon-Ojo Alamo Pool for the Jicarilla 459-20 Well No. 7 (API No. 30-039-25786) 1535 feet from the North line and 2250 feet from the East line (Unit G) of Section 20, Township 30 North, Range 3 West, NMPM, Rio Arriba County, New Mexico. The NE/4 of Section 20 is to be dedicated to the well in order to form a standard 160-acre gas spacing and proration unit. It is our understanding that Mallon Oil Company drilled this well in March/April, 1998 to a total depth of 4070 feet.

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,

ilitation /1/155

Lori Wrotenbery Director

LW/MES/kv

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