Form 3160-3 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMAT IN TRIPLICATE

(Other instructions on

FORM APPROVED OMB NO. 1004-0136

EINTERIOR reverse side)

OMB NO. 1004-0136 Expires February 28, 1995

		D MANAGEMENT		_ ****		5. LEASE DESIGNATION AND SERIAL NO.			
	APPLICATION FOR PE	RMIT TO DRILL	OR DEEPI	EN (LO 4		JIC 462			
1a. TYPE OF WORK	Drill X	Deepen]	STEP SHEED	117 1	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache			
b. TYPE OF WELL			_			7. UNIT AGREEMENT NAME			
Oil Well	Gas Well X Other		Single Zone	Multiple Zone		N/A			
2. NAME OF OPERAT	or Mallon Oil Company <i>C.</i> [3925 D	退步追	IN FIV		8. FARM OR LEASE NAME, WELL NO. Jicarilla 462-23 No. 5 2.3			
3. ADDRESS AND TE			0.55.0	0.4000		9. APIWELL NO9- 26001			
	P.O. Box 3256	/ENEL 00E 4ENE		2 1958		30-637-2-6001			
4. LOCATION OF WEL	Carlsbad, NM 88220 L (Report location clearly and in accordance)	(505) 885-4596	marrie *\~¬ . ~~	E In camer		10. FIELD AND POOL, OR WILDCAT E. Blanco, Pictured Cliffs			
At surface	1186' FNL and 889' FWL (N	W/NW) Unico				11. SEC., T., R., M., OR BLK.			
At proposed prod. zone	1186' FNL and 889' FWL (N	IW/NW) Unit D		: 3	,	AND SURVEY OR AREA			
					<u>U</u>	Sec. 23, T30N-R3W			
14. DISTANCE IN MILE	S AND DIRECTION FROM NEAREST TO 54 miles east of Bloomfield,		*			12. COUNTY OR PARISH 13. STATE			
15. DISTANCE FROM		New Mexico	16. NO. OF ACR	EQ IN LEASE	17 NO	Rio Arriba NM OF ACRES ASSIGNED			
LOCATION TO NEARE	4.400		Id. NO. OF ACR	CO IN LEAGE	1	HIS WELL			
PROPERTY OR LEASE			1920		10 11 11	160			
(Also to nearest drig. ur	it line, if any)								
	PROPOSED LOCATION*		19. PROPOSED	DEPTH	20. RO	TARY OR CABLE TOOLS			
	PRILLING, COMPLETED,	1827'		45001		5 .			
OR APPLIED FOR, ON		74701.00	+ 	4500'	<u> </u>	Rotary			
21. ELEVATIONS (SHC 23.	W WHETHER DF, RT, GR, Etc.)	7172' GR POSED CASING		WORKWILL START		09/10/98			
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PE	··			OUANTIDY OF OFFICE			
12-1/4"	8-5/8"		4#	SETTING DEPT	н	QUANTITY OF CEMENT			
7-7/8"	5-1/2"		.5#	4500'		Circulate to surface 570 sks			
	0-1/2		.0#	4300		370 SKS			
			····						
5-1/2" casing w consistent with in the following Drilling Program Exhibit 1: Blo Exhibit A: Loc Exhibit B: Roc Exhibit C: On N ABOVE SPACE DES		n-productive, the configuration of programs as a second of the configuration of the configura	e well will be per on-shore Exhibit D: Exhibit E: Exhibit F: Exhibit G: ata on present prodund true vertical departments.	Drilling Site Lay Production Fac H2S Contingen Environmental	yout silities acy Pla Asses d new pr	oned in a manner o. 1 are outlined an esment oductive zone. If proposal is			
l er	ry⊌hdeman								
This space for Federal	or State office use)								
PERMIT NO.				APPROVAL D	DATE				
operations thereon. CONDITIONS OF APPR			. 4	n the subject lease which	n would e	ntitle the applicant to conduct OCT 2 0 1956			
APPROVED BY (UTIE)	nal Signed) HECTOR A. VILLALC	_		11 gr DAT	Έ				
		*See Instruction	ons On Revers	e 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-104 FOR NSh =

DRILLING PROGRAM

Attached to Form 3160-3

Mallon Oil Company

Jicarilla 462-23 No. 5

1186' FNL and 889' FWL (NW/NW) Unit D

Sec. 23, T30N-R3W

Rio Arriba County, New Mexico

LEASE NUMBER: JIC462

1. Geologic name of surface formation: San Jose

2. Estimated tops of important geologic markers:

San Jose	Surfac
Nacimiento	2600'
Ojo Alamo	3230'
Kirtland	3458'
Fruitland	3478'
Pictured Cliffs	3468'
Lower P.C.	4017
Total Depth	4500

3. Estimated depths of anticipated fresh water, oil, or gas:

San Jose	1500'	Gas	
Nacimiento	2600'	Gas	
Ojo Alamo	3230'	Gas	
Fruitland	3478	Gas	
Pictured Cliffs	3768'	Gas	

No other formations are expected to give up oil. gas, or fresh water in measurable quantities. The surface fresh water sands will be protected by setting 8-5/8" casing at 500' and circulating cement back to surface.

4. Proposed casing program:

Hole Size	<u>Interval</u>	Casing OD	Casing weight, grade, thread		
12-1/4"	0-500'	8-5/8"	24 lb/ft, K55, ST&C		
7-7/8"	0-4500'	5-1/2"	15.5 lb/ft, K55, LT&C		

Cement program:

8-5/8" surface casing: Cemented to surface with 350 sks Class B containing 2% CaCl₂, 0.25

lb/sk Cello Seal, slurry to be mixed at 15.6 lb/gal, yield 1.18 cu ft/sk.

Circulate cement to surface.

5-1/2" production casing: Lead slurry 300 sks 65/35 mixed at 13.4 lb/gal, 1.62 cu ft/sk, 30%

excess. Tail with 270 sks 50/50 POZ, containing 1/4 lb/sk Cello

Seal mixed at 14.15 lb/gal, 1.26 cu ft/sk, 30% excess.

DISTRICT 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

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, NM 87504-2088

☐ AMENDED REPORT

N 00-09-34 E 5269,8Q'

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

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

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

			WELL 1	LOCATI(ON AND A	CREAGE DED	ICATION PI	LAT			
'API	Number	7/		Pool Code		- 3/	¹ Pool Nam				
		7600	2/	7246	00	E Bla	nco f	0			
Property Code						y Name			4 %	iell Number	
35025					JICARILLA 462-23				5		
OGRID No.				*Operator Name				⁸ Elevation			
130	7.5		·			L COMPANY				7172'	
	·,· ·				¹⁰ Surfac	e Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West	line	County	
	23	30-N	3-W		1186	NORTH	889	WES	ST.		
			¹¹ Bott	om Hole	Location	If Different Fr	om Surface				
UL or lot no.	Section	Township	Range	lot Idn	Feet from the	North/South line	Feet from the	East/West	line	County	
		<u> </u>									
12 Dedicated Acre	s loint	or Infill 14	Consolidatio	on Code	Order No.			 			
160				ļ							
NO ALLOW	ABLE M	VILL BE	ASSIGNE	D TO TE	IIS COMPLE'	TION UNTIL ALL	INTERESTS I	HAVE BE	EN C	ONSOLIDATED	
		OR A	NON-ST	ANDARD	UNIT HAS	BEEN APPROVEI	BY THE DIV	ЛSION			
(CALC. COR.)	88-38-1	4 E 263	0.72'	_ S &3	-12-00 W 2606.	34' (REC.)	17 0	PERATO	R CE	RTIFICATION	
				FD. 13	17 U.S.G.L.O.		I hereby certi	fy that the in	formation	contained herein is	
2 %				B.C.	Nethalle	ATTITUTE IN	true and com	plete to the be	est of my	knowledge and belief	
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	j						Operat	ions	Supe	<u>rintend</u> er	
				 クス			August	27,	1998		
				23			Date				
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							or under my .	supervision, as	nd that th	l surveys made by me e same is true and	
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