Ferm 3160-3 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATE
(Other instructions on

FORM APPROVED OMB NO. 1004-0136

Other instructions on	OMB NO. 1004-0136						
erse side)	Expires February 28, 1995						

		NANAGEMEN I				5. LEASE DESIGNATION A	AND SERIAL NO.		
	APPLICATION FOR PE	RMIT TO DRILL	L OR DEEP	EN ON THE	रुष्ट्रामः	JIC 458			
1a. TYPE OF WORK				90 000		6 F NON ALLOTTEE C	R TRIBE NAME		
	Drill X	Deepen]	41 K	UQUE'	Uicarilla Apache			
b. TYPE OF WELL	T			ريان ،		7. UNIT AGREEMENT NAM	ИE		
Oil Well	Gas Well X Other		Single Zone	Multiple Zone		N/A			
2. NAME OF OPERAT	OR				e	87 FARM OR LEASE NAME	TAKELLAKO		
	Mallon Oil Company C	13425	-			Jicarilla 458-6 No.			
3. ADDRESS AND TE		1007000				9. API WELL NO.	0 00		
	P.O. Box 3256		DIE) (== n n n == -	_	30-039	-259		
	Carlsbad, NM 88220	(505) 885-4596				10. FIELD AND POOL, OR	WILDCAT		
4. LOCATION OF WEL	L (Report location clearly and in accordance	e with any State require	emerits ()		 	E. Blanco, Picture			
At surface	2337' FSL and 1546' FWL ((NE/SW) Unit K			<i> </i>	11. SEC., T., R., M., OR BL			
			AU	⁶ 2 4 1998 1		AND SURVEY OR AREA			
At proposed prod. zone	2337' FSL and 1546' FWL ((NE/SW) Unit K	(1000	1)				
			ത്തി ര		${}_{-}K$	Sec. 6, T30N-R3W	V		
4. DISTANCE IN MILE	ES AND DIRECTION FROM NEAREST TO	WN OR POST OFFICE	Sur G			12. COUNTY OR PARISH	13. STATE		
	55 miles east of Bloomfield	, New Mexico		TIGHT 6	70	Rio Arriba	NM		
5. DISTANCE FROM			16. NO. OF ACR	HS HV REACTE	17. NO.	OF ACRES ASSIGNED			
OCATION TO NEARE					TO THE				
ROPERTY OR LEASE	· • • · ·		2560			114 /	33.3		
Also to nearest drig. ur							12/		
	PROPOSED LOCATION*	4000:	19. PROPOSED	DEPTH	20. RO	TARY OR CABLE TOOLS			
	ORILLING, COMPLETED,	1000'							
OR APPLIED FOR, ON				4500'	L	Rotary			
	OW WHETHER DF, RT, GR, Etc.)	7061'		WORK WILL START		08/17/98			
3.	PRC	POSED CASING	AND CEMENT	ING PROGRAM					
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PE	R FOOT	SETTING DEPT	гн	QUANTITY OF C	EMENT		
12-1/4"	8-5/8"	2	4#	500'		Circulate to surface			
7-7/8"	5-1/2"	15	.5#	4500		570 sks			
				T					
				 					
onsistent with the following program exhibit 1: Blo exhibit A: Loc exhibit B: Roexhibit C: On ABOVE SPACE DESIGNED A:		ic programs as /Plan sal is to deepen, give da	Exhibit D: Exhibit E: Exhibit F: Exhibit G: ta on present prod	Drilling Site La Production Fac H2S Continger Environmental uctive zone and propose oths. Give blowout prev	yout bilities ncy Pla Asses ed new pro-	o. 1 are outlined in sment oductive zone. If proposal is gram, if any.			
GRED:	Ty Lindeman	IIILE:	Operations	Superintendent		DATE	07/27/98		
101	T Lindonian								
his space for Federal	or State office use)								
ERMIT NO.				APPROVAL [DATE				
pplication approval do	es not warrant or certify that the applicant h	olds legal or equitable ti	itle to those rights i	n the subject lease which	h would e	otitle the applicant to conduct			
	are applicable in		to those rights i	Judgoot lease Willel	., 110010 6	the applicant to conduct			
perations thereon.	201/41 15 451/								
CONDITIONS OF APPE		_				**** * * ***			
(Original S	Bigned) HECTOR A. VILLALOBOS	\cap	+ 1:11	Mai		AUG 2 1 1998			
PPROVED BY		TITLE	JILLO	DAT DAT	TE				
				0			_		
		*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.

R- 8774 (NSP) HOLD 0-104 FOR NSE E

DRILLING PROGRAM

Attached to Form 3160-3
Mallon Oil Company
Jicarilla 458-6 No. 5
2337' FSL and 1546' FWL (NE/SW) Unit K
Sec. 6, T30N-R3W
Rio Arriba County, New Mexico

LEASE NUMBER: JIC458

1. Geologic name of surface formation: San Jose

2. Estimated tops of important geologic markers:

San Jose	Surface
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 Ojo Alamo	50'	Fresh water			
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	Interval	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.

DIST.GOT 1 . P.O. Box 1989. Hobbs, N.M. 88241-1980

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

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

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

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

		W	ELL L	OCATI	ON AND	ACR	EAGE DE	DICA	ATION P	LAT		NDED REFOR
2 ^ ^	Number	200		Pool Cod	6		/		Pool Nam			
4 Property	<u> </u>	2595 1		246			1360	ON.	00	PC	at	ア
2200	Code	"Property Name JICARILLA 458-6						Well Number				
OGRID 1	Vo.			·		ator Na						5
0139	25						COMPANY		* Elevation 7061'			
					10 Surfa	ce L	ocation					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from		North/South line	e Fe	et from the	East/Wes	st line	County
K	6	30-N	3-W		2337		SOUTH	1	1546	WE	ST	RIO ARRIBA
UL or lot no.	1 5			m Hole			Different F		Surface			
or lot no.	Section	Township	Range	Lot Idn	Feet from t	he	North/South line	Fe	et from the	East/Wes	it line	County
Dedicated Acr	os 18 Joint o	or Infill 14 Con	solidation	Code 16	Order No.		· · · · · · · · · · · · · · · · · · ·					
114/3	3, 39											
NO ALLOW		ILL BE ASS	SIGNED	TO TH	IS COMPLI	ETION	UNTIL ALI	INT	ERESTS F	IAVE BE	EN CO	ONSOLIDATED
		OR A NO	N-STAI	VDARD	UNIT HAS	BEE	N APPROVE	D BY	THE DIV	ISION		- HOOMDNIED
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