

# STATE OF NEW MEXICO

# ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

GARREY CARRUTHERS
GOVERNOR

1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (505) 334-6178

Date: )-)-89
Oil Conservation Division P.O. Box 2088 Santa Fe, NM 87504-2088
Re: Proposed MC Proposed DHC_/X Proposed NSL Proposed SWD Proposed WFX Proposed PMX
Gentlemen:
I have examined the application dated 6-30-89
for the M+M Production + Operation Inc Mex, Fed, A#1
Operator  Lease & Well No.  1-10-24N-6N  and my recommendations are as follows: Unit, S-T-R
Approve
Yours truly,
Jus.

M & M Production & Operation, Inc P.O. Box 75 Counselor, N.M. 87018 505-568-4416

June 1, 1989

Oil Conservation Division P.O. Box 2088 Santa Fe, N.M. 87504-2088 Gentlemen,

M & M Production & Operation, Inc. would like to apply for a commingle permit. For their well the Mexico Federal A#1 Basin Dakota and Devils Fork Gallup. Located in I Sec. 10 Township 24N Range 6W.

Sincerely yours,

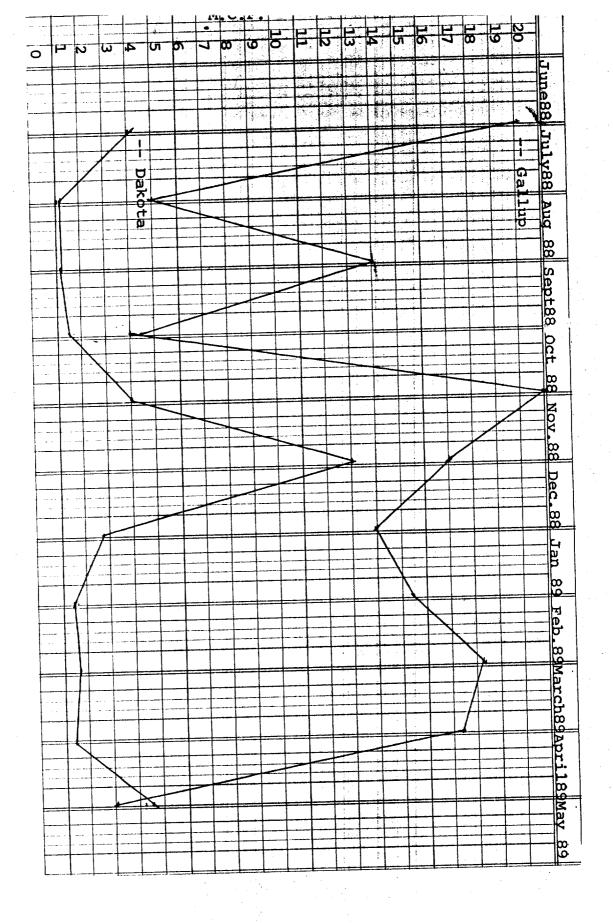
Roger N.McCown

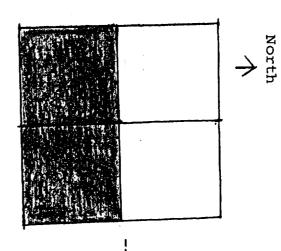
President

tdm

Enclosures

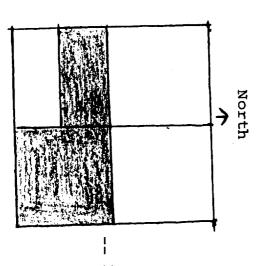
- A. M & M Production Operation, Inc. P.O. Box 75 Counselor, N.M. 87018
- B. Mexico Fed A well #1, I Sec. 10 township 24N Range 6W(1) Basin Dakota and Devils Fork Gallup
- C. Attached
- D. Attached
- E. Attached
- F. Estimated Bottom hole pressure SHUT IN.
  - (1) Basin Dakota- 820 p.s.i.
  - (2) Devils Fork Gallup- 650 p.s.i.
- G. The Gallup oil is around 46 gravity with little or no water. The Dakota oil is light around 53 gravity with approximently three gallons of water per day.
- H. By commingling we can get the production from both zones up from the present production.
- I. Gallup 85% Dakota 15% Figured over last year production
- J. Attached





-- Dedicated to the Basin Dakota
Mexico Fed. A #1

Sec. 10- 24N - 6W



-- Dedicated to the Devils Fork Gallup Mexico Fed. A #1

Submit 2 copies to Appropriate P.O. Drawer DD, Artesia, NM 88210 DISTRICT II P.O. Box 1980, Hobbs, NM 88240 DISTRICT District Office. DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

# Energy, Minerals and Natural Resources Department State of New Mexico

Revised 1/1/89 Form C-116

# OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

**GAS-OIL RATIO TEST** 

Complete	 	 		· · · · · ·					
Pool   Pre   Pre			Mexico Fed. A	LEASE NAME		P.O. Box 75	N M	≤ ~ <	herathr
Pool   Pre   Pre	 Н	- · · · · · · · · · · · · · · · · ·	۳	ě	WELL	ounse	on &	) • ) ;	
Pool   Pre   Pre	 н	 	Н	c		or.	ope	)	
Pool   Pre   Pre		 	10	ဟ	5	Z M	Tagi		
Pod   Dakota & Devils Fork Gallup   Rio Arriba   Type Of   Type Of   Schools   Completion   Special [X]	24N		24N	-	NOE	1	On 1		
Dakota & Davils Fork Gallup   Rio Arriba   Type Of   Scheduled   Completion   Special [X]	6W			Ð		018	100		-
Dakota & Devils Fork Gallup Rio Afriba PREOF Schooled C Completon C Afriba PRESS ABLE PRESS ABLE BBLS ON BBLS	5-26-8		5-26-89	TEST	DATE OF		rseg .	1	Pool
Scheduled     County   Rio Arriba   Scheduled     Completion   Rio Arriba   Special [X]   Scheduled     Completion     PROD. DURING TEST   GAS - OIL GAS   MCF.   CU.FT/RBI.   Min.   Stop   Start   Min.   Stop	<u> </u>	 	<u> </u>	STA	TUS	TEST-	TYPE C	J	
Devils Fork Gallup   Rio Arriba   Special x   Specia	1.250 Plate	 Plate		SIZE	CHOKE HOW	8	# 0 - 0	70+1	
County  S. Fork Gallup Rio Affiba  Completion Special X  DAILY Completion PROD DURING TEST GAS OIL ABLE WATER GRAV. OIL BBLS. Mc.F. CU.FT/BBL  Min.  30 0 0 0 0 0.069 0.069-0  Min.  30 0 45 .625.042 6.042  .62 E	420 Star 180 Stop	Start 197 Stop	482	PRESS.	ТВG.	Scheduled			
County  Rio Affiba  Special X  Special X  Special X  Special X  GAS-OIL GAS OIL GAS MIC.F. CU.FT/BBL  0 0 0.069 .069-0  45 .625.042 6.042 .62 E		,,		ABLE ALLOW-	DAILY		18 501	1	
County  Rio Affiba  Special X  Special X  Special X  Special X  GAS-OIL GAS OIL GAS MIC.F. CU.FT/BBL  0 0 0.069 .069-0  45 .625.042 6.042 .62 E	30 Min.	Min.	30	HOURS	HENST!	ς	K Gal	<u>.</u>	
Rio Afriba  Rio Afriba  Special X  D. DURING TEST GAS - OIL GRAV. OIL GAS M.C.F. CU.FT/BBL  0 0 0.069 .069-0  45 .625.042 6.042 .62 E	0		0	T	PAC	ompletion	- 1		δ
GAS - OIL GAS - OIL RATIO MC.F. CU.FT/BBL.  .069 .069-0  .62 E	45		0	OL SHAV	D. DURIN		Rio A	•	5
GAS - OIL GAS - OIL RATIO MC.F. CU.FT/BBL.  069 .069-0  6.042 6.042 .62 E	 . 62	 		88LS.	IG TEST	જ	edtar.	;	
	5,042 		.069	+	8				
FT ( )			.069-0	CU.FT/BBL	GAS - OIL				

# Instructions:

order that well can be assigned increased allowables when authorized by the Division. During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F.

Report casing pressure in lieu of tubing pressure for any well producing through casing

(See Rule 301, Rule 1116 & appropriate pool rules.)

I hereby certify that the above information is complete to the best of my knowledge and belief. true and

Signature Mi Colley

Printed name and title Roger N. McCown Operator

June 1, 1989 Date 505-568-4416 Telephone No.

nent to this work.			and Gas Co	mmissic	on for a do	own
We are apply		w Mexico Oil		mmissic	on for a do	own
We are apply		w Mexico Oil		mmissic	on for a do	own
We are apply		w Mexico Oil		mmissic	on for a do	own
We are apply		w Mexico Oil		mmissic	on for a do	own
We are apply		w Mexico Oil		mmissic	on for a do	own
nent to this work.	ing to the New	w Mexico Oil	and Gag Co	mmissic	n for a do	own.
7. DESCRIBE PROPOSED OR COM- proposed work. If well	PLETED OPERATIONS (Clearly is directionally drilled, give	state all pertinent detains aubsurface locations a	Completion or R	ecompletion R	tiple completion on eport and Log form. ing estimated date on as for all markers a	<b>.)</b> .
SHOOT OR ACIDIZE	ABANDON®		SHOOTING OR ACIDIZIN	Hole Co	ABANDONMENT	<u> </u>
TEST WATER SHUT-OFF	PULL OR ALTER CA		WATER SHUT-OFF FRACTUBE TREATMENT		REPAIRING WE	<del></del>
	Theck Appropriate Box	To Indicate Nature	•	, or Other I		
82-079086	6447	DF	at a substantia de la compansión de la comp		lio Arriba	New Mexic
990' From No. 990' From Ea	orth Line ast Line	(Show whether DF, RT, GR	i. etc.)	NE 12. c	SEN SEC	
See also space 17 below.) At surface	location clearly and in acco	rdance with any State	requirements.*	_ Da	ield and pool, or wakota and ( ec., T., E., M., OR BLE	Gallup
P.O. Box 75	ction & Operation & Counselor, Ne	ew Mexico	87018		exico Fed.	Α
OIL GAB WELL WALL WALL WALL WALL	orner Dual Comp.			8. PA	EM OR LEASE NAME	!
	for proposals to drill or to "APPLICATION FOR PERM					
	Y NOTICES AND			6. 15	82-079086	R TRIRE NAME

M & M Production & Operation, Inc. P.O. Box 75 Counselor, New Mexico 87018

DATE:

Merrion Oil & Gas Co. P.O. Box 840 Farmington, N.M. 87499

# Gentlemen:

This is to notify you that M & M Production & Operation, Inc. is applying to the New Mexico Oil and Gas Commission for a commingle permit for the Mexico Fed. A # 1 Devil Fork Gallup and Dakota location. Located in NE 1/4 -- SE 1/4 Sec. 10-24N-6W 990' from North Line, 990' from East Line.

Sincerely yours,

Roger N. McCown President, M & M Production

tdm

CC

M & M Production & Operation, Inc. P.O. Box 75 Counselor, New Mexico 87018

1500

DATE: June 1, 1989

Texaco, Inc. Box EE Cortez, Co. 81321

## Gentlemen:

This is to notify you that M & M Production & Operation, Inc. is applying to the New Mexico Oil and Gas Commission for a commingle permit for the Mexico Fed. A # 1 Devil Fork Gallup and Dakota location. Located in NE ½ -- SE ½ Sec. 10-24N-6W 990' from North Line, 990' from East Line.

Sincerely yours,

Roger McCown

President, M & M Production

tdm

CC

M & M Production & Operation, Inc. P.O. Box 75 Counselor, New Mexico 87018

DATE: June 1, 1989

R.L. Bayless P.O. Box 1541 Farmington, N.M. 87499

# Gentlemen:

This is to notify you that M & M Production & Operation, Inc. is applying to the New Mexico Oil and Gas Commission for a commingle permit for the Mexico Fed. A # 1 Devil Fork Gallup and Dakota location. Located in NE ½ -- SE ½ and Sec. 10-24N-6W 990' from North Line, 990' from East Line.

Sincerely yours.

Roger N. McCown

President, M & M Production

tdm

CC

ormerly 9-331)		MENT OF TH		OR verse side)	ictiona on	5. LEA	SE DESIGNATION	
SUND	RY NO	AU OF LAND MA	EPORTS C	N WELLS			82-07908	
(Do not use this fo	orm for propo Use "APPLIC	sais to drill or to d ATION FOR PERMI	ecpen or plug be T-" for such pro-	ack to a different repposals.)	servolr.	7 110	T AGREEMENT NA	
OIL GAS WELL WELL W	отнев ]	Dual Compl	eated We	11			M OR LEASE NA)	·
M & M Prod	luction	& Operati	on INC.				xico Fed	•
P.O. BOX	port location	nselor, Ne	W Mexico	87018 State requirements.		#1 10. F1	BLD AND POOL, O	R WILDCAT
See also space 17 below At surface  NE 4-SE 4-		10-24N-6W			·		kota and	BLE. AND
990' From 990' From	North :	Line ine					ኔ SEኒ Se	c. 10-24N-
82-079086			Show whether pr.	RT, GR, etc.)		- 1	io Arrib	a New Mexi
		ppropriate Box T	o Indicate N	ature of Notice,	•	100		
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL	TICE OF INTE	PULL OR ALTER CAS MULTIPLE COMPLETS ABANDON* CHANGE PLANE	!	(Note:	OFF  EATMENT  ACIDIZING  OWN HO  Report res	ults of mult	EFFAIRING C  ABANDONME  Mingle  iple completion  port and Log fo	ASING X
proposed work. If a	COMPLETED OF	ERATIONS (Clearly 8) ionally drilled, give	tate all pertinent subsurface locati	details, and give t	pertinent da	tes, includi	ng estimated dat	te of starting any s and zones perti-
DESCRIBE PROPOSED OR C	olying	to the New	subsurface locati	details, and give plons and measured i	pertipent da and true ve	tes, includir tical depth	ng estimated dat s for all marker	s and zones perti-
proposed work. If nent to this work.) •	olying	to the New	subsurface locati	details, and give plons and measured i	pertipent da and true ve	tes, includir tical depth	ng estimated dat s for all marker	s and zones perti-
proposed work. If nent to this work.) •	olying	to the New	subsurface locati	details, and give plons and measured i	pertipent da and true ve	tes, includir tical depth	ng estimated dat s for all marker	s and zones perti-
proposed work. If nent to this work.) •	olying	to the New	subsurface locati	details, and give plons and measured i	pertipent da and true ve	tes, includir tical depth	ng estimated dat s for all marker	s and zones perti-
proposed work. If nent to this work.) •	olying	to the New	subsurface locati	details, and give plons and measured i	pertipent da and true ve	tes, includir tical depth	ng estimated dat s for all marker	s and zones perti-
proposed work. If nent to this work.) •	olying	to the New	subsurface locati	details, and give plons and measured i	pertipent da and true ve	tes, includir tical depth	ng estimated dat s for all marker	s and zones perti-
proposed work. If nent to this work.) •	olying	to the New	subsurface locati	details, and give plons and measured i	pertipent da and true ve	tes, includir tical depth	ng estimated dat s for all marker	s and zones perti-
proposed work. If nent to this work.) •	olying	to the New	subsurface locati	details, and give plons and measured i	pertinent da and true ve	tes, includir tical depth	ng estimated dat s for all marker	s and zones perti-
DESCRIBE PROPOSED OR ( proposed work. If nent to this work.)*  We are app hole Co-Mi	olying ngle p	to the New	subsurface locati	details, and give plons and measured i	pertipent da and true ve	tes, includir tical depth	ng estimated dat s for all marker	s and zones perti-
DESCRIBE PROPOSED OR C proposed work. If nent to this work.) •	olying ngle p	to the New	subsurface locati	details, and give tons and measured in the control of the control	pertinent da and true ve	tes, including the state of the	ng estimated dais for all marker	s and zones perti-

(November 1983) (Formerly 9-331) DEPARTMENT OF TH		(Other Instructions o	n re	Expires A		
BUREAU OF LAND MA				82-07		•
SUNDRY NOTICES AND R  (Do not use this form for proposals to drill or to de  Use "APPLICATION FOR PERMIT	EPORTS ON eppen or plug back to "" for such proposa	WELLS o a different reservoir.	6. 1	F INDIAN, AL	LOTTEE OR	TRIBE NAME
1.			7. (	NIT AGREEM	BICAN TH	
WELL K WELL K OTHER Dual Comple 2. NAME OF OPERATOR	eated Well		<sub>8-1</sub>	ARM OR LEAS	E NAME	
M & M Production & Operation	on INC			exico		
3. ADDRESS OF OPERATOR	J11 1140.			FBLL NO.	i ca. r	
P.O. Box 75 Counselor, Nev 4. Location of Well (Report location clearly and in accord See also apace 17 below.) At surface	W Mexico	87018 requirements.*	i	FIELD AND P		
NE $\frac{1}{4}$ -SE $\frac{1}{4}$ - Sec. 10-24N-6W 990' From North Line		,	11.	akota	(., OR BLK. A L ARBA	IND
990' From East Line 14. FERMIT NO. 15 SLEVATIONS (S	how whether DF, RT, G	R, etc.)	$-\frac{NE}{12.}$	COUNTY OR		10-24N-6
82-079086 6447' I	OF			Rio Ar	riba N	<u> Tew Me</u> xic
16. Check Appropriate Box To	o Indicate Natur	e of Notice, Report,	or Other	Data		
NOTICE OF INTENTION TO:			THEODERE	INFORT OF:		
TEST WATER SHUT-OFF PULL OR ALTER CASI	!	WATER SHUT-OFF			RING WELL	
FRACTURE TREAT MULTIPLE COMPLETE SHOOT OR ACIDIZE ABANDON®		PRACTUBE TREATMENT SHOOTING OR ACIDIZIN	.		ING CABING	<b>'</b>
REPAIR WELL CHANGE PLANE		(Other) Down				_  <del>x</del>
(Other)		(Nors: Report   Completion or R	results of m	ultiple comp	etion on W	7ell
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clemby Staproposed work. If well is directionally drilled, give a nent to this work.) •	ate all pertinent deta subsurface locations	alls, and give pertinent and measured and true	dates, inclu vertical dep	ding estimat the for all n	ed date of parkers and	starting any zones perti-
We are applying to the New hole Co-Mingle permit.	Mexico Oi	l and Gas Co	mmissi	on for	a dov	<b>v</b> n
note co mingle permit.			:	•		
			•	• •		
	:			•		
		1 1	!			1
						•
	1					
						•
					•	
	t	•	•			
18. I bereby certify that the foregoing is true and correct SIGNED Story 7. M. Cour	TITLE Priz	idset		DATE	June	1, 1989
(This space for Federal or State office use)					*** ** ***	
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE			DATE	<b>:</b>	

	the foregoing is tr	ue and correct	TITLE JOYA	idrit		DATE June 1	1989
I hereby certify that of	the foregoing is tr	ue and correct	FITLE JUZ	idst		Tuno 1	1989
	ingle per	MIC.	· ·				
	ingle per	MIC.					
	ingle per	MIC.					
	ingle per	MIC.	•				
	ingle per	MIC.					
	ingle per	MIC.	•				
	ingle per	MIC.	·	<i>*</i>			
	ingle per	MIC.	·	<b>9</b>			
	ingie per	MIC.	·	<i>y</i> .			
11020 00 11	ingle per	MILC.	•	•			
hole Co-M	pryring co	che New	Mexico O	il and Gas	Commis	sion for a do	wn
nent to this work.)	•.				Territar	action for all markers an	d zones perti-
(Other)	Carlli Paris open	marin et della control	le all pertinent d	(Norz: Rep Completion	ort results of or Recomplet	f multiple completion on ion Report and Log form.)	
RIPOT OR ACIDIZE		ANDON®		SHOOTING OR ACH	DIZING	ABANDONMENT*	
TEST WATER SHUT-OF		LE OR ALTER CASIN	G	WATER SHUT-OFF FRACTURE TREATM	IENT	REPAIRING WELL	
1	NOTICE OF INTENTI		,	ore or recorde, her		NT REPORT OF:	
02-079000		e <del>na Branc</del> Police a la <del>Ti</del>	F Indicate Nat	ure of Notice, Rej	ort or Ot	Rio Arriba	<u>New Mexi</u>
82-079086		15 ELEVATIONS (S)		, GR. etc.)	· · · · · · · · · · · · · · · · · · ·	-	3. STATE
990' From	North Li East Lin	ine			11	SURVEY OR ARMA	1.
NE 4-SE 4	ow.,				,	Dakota and G	allup
P.O. Box	75 Couns	selor, New	Mexico	87018		#1 10. FIELD AND POOL, OR W	· · · · · · · · · · · · · · · · · · ·
M & M Pro	duction s	Operation	on INC.			Mexico Fed.	A
NAME OF OPERATOR	<del></del>			1		8. FARM OR LEASE NAME	
WELL GAS WELL	OTHER DU	ual Comple	eated Wel	_			
		***************************************			olr.	7. UNIT AGREEMENT NAME	
(Do not use this	IDRY NOTIC form for proposa Use "APPLICAT	***************************************	EPORTS OF	k to a different reserv	olr.		

pow NHOLE COMMINICANS APProx 9 6/12 per PAY oil 5700' Plunger LEZ BOTH ZONES PROJUCE APPIN BGALL WATER PET-DAY CAILUP Well OIL 46.4 Gravit PAKOTA WELL OIL 53.7 The groductan From THE Two Zones All working INNEST + BOYAITY 15 The SAME The Recovery stould Be increase The Comminging will improve
The froductor From Both Zones THERE WILL BE NO Cross Flow between THE ZONES THE TWO ZONES WILL Flow + NO PAMAGE win occur, The Fluid From BOTH ZONES Arc compaTible

Man Paralidade Day Dentlemen, 1 mould like to their well to Mayor the State Jacated in I Die 10 township 2811 Karaft Colors Der following (2) Vincerely yours. A Mex Fed A well #15 Jone 10 toursha 240.

C. altaches F. estinated Botton Mole Diesper Shutes

1) Basin Pakota - 820 post

The aurch SHIP WOFTLE TWO ZONES 15 COMMON WOLKING WIEREST, BOJAITY + overriding Royalty The press wie of The Lower Zone 13 SLIGHTLY HIGHEN M+M production + aperation inc.
P.o. Box 75 CORNSCION, MEN MEXICO 878/8 mexico Federal Al well la LOCATED IN NEW SCH SEC. 10-24 NOW BASIN DAISOTA Y THE DEVILS FOR GAVUS D ESTIMATED BOTTOM HOLD Pressure GAILUP 650 POUNUS FSTIMATED BOTTOM HOLE Pressure DAKOTA 920 pounds THE GAILUPOIL IS ABOUND 46 GRAVITA WITH LITTLE OF NO WHIEK THE PAKOTA DIL IS LIGHT AVENUES CHANGE WITH APPROXIMENTIX 3 CATIONS OF WATE PerdAY

COMMINSTURE WERE CONS GET THE Productor premitation Zenes see From The presented Profesions I GAILUP 85% DATA 15% Figured of et summer with Medically