Form approved. Form 3160-4 Budget Bureau No. 1004-0137 November 1983) SUBMIT IN DUPLICATE* UNITED STATES Expires August 31,1985 (formerly 9-330) DEPARTMENT OF THE INTERIOR structions on 5. LEASE DESIGNATION AND SERIAL NO. reverse side) BUREAU OF LAND MANAGEMENT SF 078204A 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG 1a. TYPE OF WELL: WELL WELL X 7. UNIT AGREEMENT NAME Other b. TYPE OF COMPLETION: NEW X WORK DEEP-BACK DIFF. ESVR. S. FARM OR LEASE NAME Other FC FEDERAL COM 2. NAME OF OPERATOR MESA OPERATING LIMITED PARTNERSHIP 9. WELL NO. # 10 3. ADDRESS OF OPERATOR P.O. BOX 2009, AMARILLO, TEXAS 79189 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* Basin Fruitland Coal At surface 2405' FNL/1725' FEL 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA At top prod. interval reported below Sec. 33-30N-10W Unit G Same At total depth 14. PERMIT NO. DATE ISSUED 12. COUNTY OR 13. STATE San Juan NM 17. DATE COMPL. (Ready to prod.) 15. DATE SPUDDED 16. DATE T.D. REACHED 19. ELEV. CASINGHEAD 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 9/2/90 9/4/90 9/28/90 6068' GR 20. TOTAL DEPTH, MD 4 TVD 22. IF MULTIPLE COMPL., HOW MANY 21. PLUG. BACK T.D., MD & TVD 23. INTERVALS ROTARY TOOLS CABLE TOOLS DRILLED BY 2608' MD Х 2660' MD 24. PRODUCING INTERVAL(S). OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE No Fruitland Coal 2256'-2516' 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED GR/CNL/FDC & SP/DIL/MSFL No 28 CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT PULLED $12 \ 1/4$ 8 5/8" 222 24# 150 sx Class None 5 1/2" 7/8 575 sx Class None 17# 2660**'** LINER RECORD TUBING RECORD 29 30. BIZE TOP (MD) BOTTOM (MD) SACKS CEMENTS SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 2 3/8" 2550' ΝA NA 31. PERFORATION RECORD (Interval, size and number) ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC. 2494'-2516' 4" csg gun w/19.6 gr TJP/4SPF AMOUNT AND KIND OF MATERIAL USED DEPTH INTERVAL (MD) 2494'-2516 4000 gals linear gel + 55,900 2256'-2411' 4" csg gun w/19.6 gr TJP/4 SPE gal x-link 119,900# sand 102000 gals x-link + 280,000# 2256'-2411 sand 33.* PRODUCTION WELL STATUS (Producing or DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) shut-in) SI 9/28/90 Pumping DATE OF TEST PROD'N. FOR TEST PERIOD GAS-OIL RATIO HOURS TESTED CHOKE SIZE OIL BBL. GAS-MCF. WATER-BBL. 11/2" 285 5 0 NA 10/07/90 24 OIL GRAVITY-API (CORR.) FLOW. TUBING PRESS. CASING PRESSURE CALCULATED OIL--BBI. GAS-MCF. WATER--BBL. 24-HOUR RATE

285 5 0 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) ACCEPTED FOR BECORD Vented 35. LIST OF ATTACHMENTS

Deviation Survey, C-102 36. I hereby gertify that/the foregoing

OCT 16 1990

dattached information is complete and correct as determined FARMINGTON RESOURCE AREA 10/11/90 Sr. Regulatory Analys TITLE

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

		TRUE VERT, DEPTH									-s, ·· 1	F r
GEOLOGIC MARKERS	TOP	MEAS. DEPTH VE			**************************************							
		NAME				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
d 38.								· · · · · · · · · · · · · · · · · · ·			 	· · · · · · · · · · · · · · · · · · ·
SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):	DESCRIPTION, CONTENTS, ETC.								OLL	1/990 ON. 3 OST. 3		
	воттом											
OUS ZONES: (Sh. cluding depth into	TOP	1370'	2212'	2518'								
37. SUMMARY OF POR drill-stem, tests, in recoveries):	FORMATION	Base Ojo Alamo	Top Fruitland	Top Pictured Cliffs						• \		

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240 DISTRICT II P.O. Drawer DD, Artesia, NM 88210

State of New Mexico Energy, Minerals and Natural Resources Department Form C-104 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION

	TC	TRAN	NSP	ORT OIL	٩N	D NAT	URAL GA					
Operator MESA OPERATING LIMITE	ED PARTI	NERSHI	P						Well AP		5-28145	
Address P.O. BOX 2009, AMARII	LLO, TE	XAS 79	189)								
Reason(s) for Filing (Check proper box)						Other	(Please expl	ain)				
New Well		hange in]		=								
	Oil Casinghead (Dry G Conde	ensate								
f change of operator give name	Campicas							<u> </u>			<u> </u>	
and address of previous operator												
I. DESCRIPTION OF WELL A	ND LEAS	SE .	De al 1	Name, Includin	- F-				Kind of	Lease	Le	ise No.
Lease Name FC FEDERAL COM		10		BASIN FRU			COAL			ederal or Fee		8204A
Location Unit LetterG	240	05'	Feet 1	From The no	rt	h Line	and17	25 '	Fee	t From The _	east	Line
Section 33 Township	30N		Rang	e 10W		, NN	ирм,	SAN	JUAN			County
	nonern	OFO	T A1	NID NIA TTIE) A T	GAS						
III. DESIGNATION OF TRANS Name of Authorized Transporter of Oil		or Conden		ND NATUR	Add	ress (Giw	e address to w	vhich ap	proved o	copy of this fo	rm is to be se	<u>u)</u>
NA							<u> </u>					
Name of Authorized Transporter of Casings MESA OPERATING LTD PAR	nead Gas		or D	ry Gas 🔼	Adk P	dress (Giv	e <i>address to</i> w X 2009,	<i>vhich ap</i> AMA	pproved o RTLL(copy of this fo	orm is to be sei 5-79189	u)
MESA OPERATING LID FAR If well produces oil or liquids, give location of tanks.		Sec.	Twp.	. Rgc.			y connected?		When			
If this production is commingled with that fi	rom any othe	r lease or	pool,	give commingli	ing c	rder num	ber:					
IV. COMPLETION DATA		Oil Well		Gas Well		iew Well		D	epen	Plug Back	Same Res'v	Diff Res'v
Designate Type of Completion -		<u>i</u>	i		<u> </u>		Ĺ			I	l	
Date Spudded	Date Compl	. Ready to	Prod	L 		ai Depth				P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Pro	oducing F	ormati	ion	Top	p Oil/Gas	Pay			Tubing Dep		
Perforations	<u> </u>									Depth Casir	ig Shoe	
				SING AND	CE	MENTI					OA OVO OFM	CNT
HOLE SIZE	CAS	SING & T	UBIN	G SIZE	-	-	DEPTH SE	:T			SACKS CEM	EINT
					-							
	TOD A	11011	ADI	TC	上					<u> </u>		
V. TEST DATA AND REQUES OIL WELL (Test must be after r	ST FOR A	LLOW tal volume	ABL of lo	at. ad oil and mus	t be	equal to o	r exceed top o	allowab	le for thi	s depth or be	for full 24 hou	ors.)
Date First New Oil Run To Tank	Date of Tes				Pr	oducing M	lethod (Flow,	ритр,	gas lift, a	elc.)		
Length of Test	Tubing Pre	ssure			C	sing Pres	ns -		I A	Shord \$20		
Actual Prod. During Test	Oil - Bbls.		-		w	ater - Bbl	DE	C2 6	1990	Gas- MCF		
	1						OIL (COI	V. C	IV.		
GAS WELL Actual Prod. Test - MCF/D	Length of	Test			В	bis. Conde	ensate/MMCF		. 3		Condensate	
Testing Method (pitot, back pr.)	Tubing Pro	essure (Sh	ut-in)		c	asing Pres	sure (Shut-in))		Choke Siz	e	
	<u> </u>				\dashv_{Γ}							
VI. OPERATOR CERTIFIC					╢		OIL CO	SNC	ERV	ATION	DIVISI	NC
I hereby certify that the rules and regu Division have been complied with and is true and complete to the best of my	that the info	rmation g	ervalio iven 2	bove		Do	o Annro	vod		DEC 2	6 1990	
Taval	MCH	l e					e Appro		~	۸) (d) ,	/
Signature Carolyn L. McKee, S	r. Regu	lator	y Ai	nalvst		By.					DISTRIC	T 63
Printed Name 12/20/90	(806)		Ti	tle		Titl	e				- VIOTAIC	· · · · · · · · · · · · · · · · · · ·
12/20/90 Date	(000)			one No.								

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

Submit 5 Co. :s
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION

le .		IO IRA	CNP	PORT OIL	. AN	ID NA	I UHAL G	AS					
Operator MESA OPERATING L	IMITED P						<u> </u>		API No.	5-28145			
Address			<u> </u>		30-04	J-2014J							
P.O. BOX 2009, A		TEXAS	79.	189									
eason(s) for Filing (Check proper box)	1		_	_	L	Oth	et (Please expl	lain)			<u>-</u> :		
ew Well		Change in		sporter of:									
ecompletion \Box	Oil	닏	Dry	Gas 🖳									
hange in Operator	Casinghe	ad Gas	Con	densate							`		
change of operator give name 1 address of previous operator													
DESCRIPTION OF WELL	L AND LE	ASE											
ease Name		Well No.	Pool	Name, Includi	ng Fo	rmation			of Lease		ease No.		
FC FEDERAL COM		10	<u> </u>	Basin F	rui	tland	i Coal	State,	Federal or Fe	SF 0	78204A		
ocation G	. 240	c 1		11			1 77	0.5.1		_			
Unit LetterG	::	<u> </u>	_ Feet	From TheN	ort	n Lin	e and $\frac{1}{2}$	25' F	et From The	East	Line		
Section 33 Towns	hip 30	N	Ran	ge 10W		, N	мрм,	San	Juan		County		
. DESIGNATION OF TRA	NSPORTI	ER OF O	IL A	ND NATU	RAL	GAS							
ame of Authorized Transporter of Oil NA		or Conde	nsate		Add	ress (Giv	e address to w	hich approved	copy of this	form is to be se	ent)		
ame of Authorized Transporter of Cas			or D	ry Gas X	Add	ress (Giv	e address to w	hich approved	copy of this	form is to be se	ent)		
EL PASO NATURAL GAS (x 1492,	El Paso	, Texas	79998			
well produces oil or liquids, re location of tanks.	Unit	Sec.	Twp	n. Rge.	la ga		y connected? No	When	?				
his production is commingled with the	at from any of	her lease or	nool.	give commingli	BØ OF								
. COMPLETION DATA			pool,	6	. .		···		·				
Designate Type of Completion	n - (X)	Oil Well		Gas Well X	Ne	w Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v		
te Spudded		ipl. Ready to	o Prod		Tota	X Depth	<u></u>	1	P.B.T.D.		1		
9/2/90		10/7/90		1/28/90			60'		1.5.1.5.	2608'			
evations (DF, RKB, RT, GR, etc.)	4	Producing F		ion	Тор	Oil/Gas	•		Tubing Dep				
6068 GR	Frui	tland (Coal		<u> </u>	2	256'		D 10	2550			
2256'-2411' and 2	494'-25	16 '							Depth Casi	ng Shoe			
		TUBING.	. CA	SING AND	CEN	MENTI	NG RECOR	RD	1				
HOLE SIZE	T	SING & TI					DEPTH SET			SACKS CEM	FNT		
12 1/4"	8 5/8"					222			150 sx "B"				
7 7/8"	5	5 1/2"					2660	· · · · · · · · · · · · · · · · · · ·	575 sx "B"				
	23/8						25	50					
TEST DATA AND REQUI	EST FOR	ALLOW											
LWELL (Test must be after	r recovery of I	otal volume	of lo	ad oil and must						for full 24 hou	rs.)		
ate First New Oil Run To Tank	Date of T	est			Prod	tucing M	ethod (Flow, p	ump, gas lift,	uc.)	6 a g .			
									5 V See	1131			
ength of Test	Tubing Pr	ressure			Casi	ng Press	ine Military		Choke Size	U			
							in <i>in</i>	OCT 1 5	1990 MCF				
ctual Prod. During Test	Oil - Bbis	.			Wate	er - Bbis		UUIL	1				
					L		ζ	3 100 100 8	VICE				
AS WELL)'ن	TO T	3				
ctual Prod. Test - MCF/D	Length of				Bbls	. Conder	sate/MMCF	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Condensate			
285		. 24					0		NA.	A			
sting Method (pitot, back pr.)	Tubing P	ressure (Shu	u-in)	-	Casi	ing Press	ure (Shut-in)		Choke Size				
Back Pressure	0						285		1	1 1/2"			
L OPERATOR CERTIFI	CATEO	F COM	PI J	ANCE][
I hereby certify that the rules and rep					II	(OIL COI	NSERV	ATION	DIVISIO	NC		
Division have been complied with a					Ш								
is true and complete to the best of m	y knowledge	and belief.			ll	Date	Approve	ed	10 -2	31-90			
1" 4 1	nell	•				Jaic	, , , , , b, , o , c						
I Allen A.	17Ce	<u>e</u>				D.	Origin	al Signed by	FRANK T.	CHAVE2			
Signature Carolyn L. McKee, S	r Rogg	latory	Ana	100+		By_		.					
Printed Name	r. Regu	Laculy	Tiu			_	CHE	eminana .	ng a single a residence				
10/12/90	(806)	378-10		· -		Title	©UP!	<u>ERVISOR (</u>	JISTRICT	# 1			
Date	(000)			ne No.									
				-	11	i							

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