STATE OF NEW MEXICO CERGY AND MINERALS DEPARTMENT CHITMINUTION

REGULATORY COORDINATOR.

9-16-81

OIL CONSERVATION DIVISION P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

RECEIVED

1 1								
LAND OFFICE	PENUEST EN	R ALLOWABL E	SEP 1 7 1981					
THANSPORTER OIL 1		ND						
OPERATION	AUTHORIZATION TO TRANSF	PORT OIL AND NATURAL GAS	O. C. D.					
Operation OFFICE			ARIESIA OFFICE					
MESA PETROLEUM CO.								
Address								
1000 VAUGHN BLDG./MII	DLAND, TEXAS 79701-4493							
Reason(s) for filing (Check proper box)		Other (Please explain)						
New Well	Change in Transporter of: Oil Dry Ga	. 🗖						
Recompletion	Casinghead Gas Conden	71	•					
Change in Ownership	County of the Co							
If change of ownership give name and address of previous owner								
	rass Pages Stans	- Mar Cac						
DESCRIPTION OF WELL AND I	LEASE. POOS Slope Well No. Pool Name, Including Fo	ormation Kind of Leas	Logse No.					
BEDFORD FEDERAL	2 UNDESTINATED	Canal Fadam	1 or F•• NM 20337					
Location			4					
Unit Letter A : 6	60 Feet From The NORTH Line	• and 660 Feet From	The <u>EAST</u>					
Line of Section 18 Town	mship 6 SOUTH Range 25	S EAST , NMPM, CHAVE	County					
Line of Section 10	1.3.1.p 0 300111 1.13.42 2.3	TASE TOWN, CHAYE						
DESIGNATION OF TRANSPORT	TER OF OIL AND NATURAL GA	S Address (Give address to which appro	and convert this form is to be conti-					
Name of Authorized Transporter of Cil	or Condensate X	1						
KOCH OIL COMPANY	inghead Gas or Dry Gas V	BOX 1558, BRECKENRIDGE						
Name of Authorized Transporter of Cas]						
	F COM/ATTEN: Mr. Aicklen	Is gas actually connected? Wh	en					
If well produces oil or liquids, give location of tanks.	A 18 6 25	NO Ves	10-5-81					
If this production is commingled wit	h that from any other lease or pool,	give commingling order number:						
COMPLETION DATA	Oll Well Gas Well	New Well Workover Deepen	Plug Back Same Res'v. Diff. Res'v					
Designate Type of Completio		1 1						
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
6-1-81	8-26-81	4303'	4223'					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
3994.9' GR	ABO	3714'	3616'					
Perforations			Depth Casing Shoe					
3714'3946'			4300'					
	T	CEMENTING RECORD DEPTH SET	SACKS CEMENT					
HOLE SIZE	CASING & TUBING SIZE		600/250/200/400					
17 1/2"	13 3/8	1940'	600/250/300					
7.7/0"	8 5/8	4300'	500/350					
7 7/8"	2 3/8	3616						
TEST DATA AND REQUEST FO	OR ALLOWABLE (Test must be of	ter recovery of total volume of load oil	and must be equal to or exceed top allow					
OIL WELL	ante jor this de	pth or be for full 24 hours) Producing Method (Flow, pump, gas li	ft. etc.)					
Date First New Oil Run To Tanks	Date of Test	Producting kindings (1 tool power, gar						
Length of Test	Tubing Pressure	Casing Preseure	Choke Size					
Langin of Tout								
Actual Prod. During Test	CII-Bbls.	Water-Bbis.	Gas-MCF					
Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate					
·		_	_					
359 Teating Method (pitot, back pr.)	One Hour Tubing Presswe (Shut-in)	Coming Pressure (Shut-in)	Choke Size					
Back Pressure	840	823						
CERTIFICATE OF COMPLIANC	E	OIL CONSERVAT	TION DIVISION					
		OCT 1	4 1981					
hereby certify that the rules and re	egulations of the Oil Conservation	APPROVED						
Civision have been complied with bove is true and complete to the	and that the information given	BY Way	resect					
•		DISTRICT II						
NMOCD -A (6), TLS, C	NORM DOCUMENT 1							
FILE, PARINERS, LAND	, REM, ROSWELL, K, TW, , MTS (3), EEB, LMC, CTY	This form is to be filed in	compliance with RULE 1104, vable for a newly drilled or deepans					
REVIEW (Signal	[we]	If this is a request for allow well, this form must be accompa	nied by a tabulation of the deviation					

tests taken on the well in accordance with MULE 111.

All sections of this form must be filled out completely for allow able on new and recompleted wells.

Fill out only Sections I. II. III. and VI for changes of owner well name or number, or trensporter, or other such change of conditions. Separate Forms C-104 must be filled for each pool in multiple

NEW MEXICO OIL CONSERVATION DIVISION

RECEIVED

P. O. DRAWER "DD"

OCT 1 3 1981

ARTESIA, NEW MEXICO 88210

O. C. D. ARTESIA, OFFICE

ATR	ΜΔ	TT

MOTICE	OF	CAS	CONNECTION

•							
NOTICE OF GAS CONNECTION		DATEOctober 9, 1981					
This is to notify the Oil	. Conservation	Division that connection for the					
purchase of gas from the	Mesa	Petroleum Co. 🗸					
•		Operator					
Bedford-Federal		Well #2-Unit Letter -Unknown					
Lease	<u>-</u>	Well Unit					
		Maries -					
18-6S-25E, Chaves County		-Wildeat (Abo)					
S.T.R.	-	Pool					
Transwestern	was made on	October 5, 1981					
Name of purchaser	_						
		Transwestern Pipeline Company					
		Company					
	_	Maillan H. N. Aickle					
		Representative					

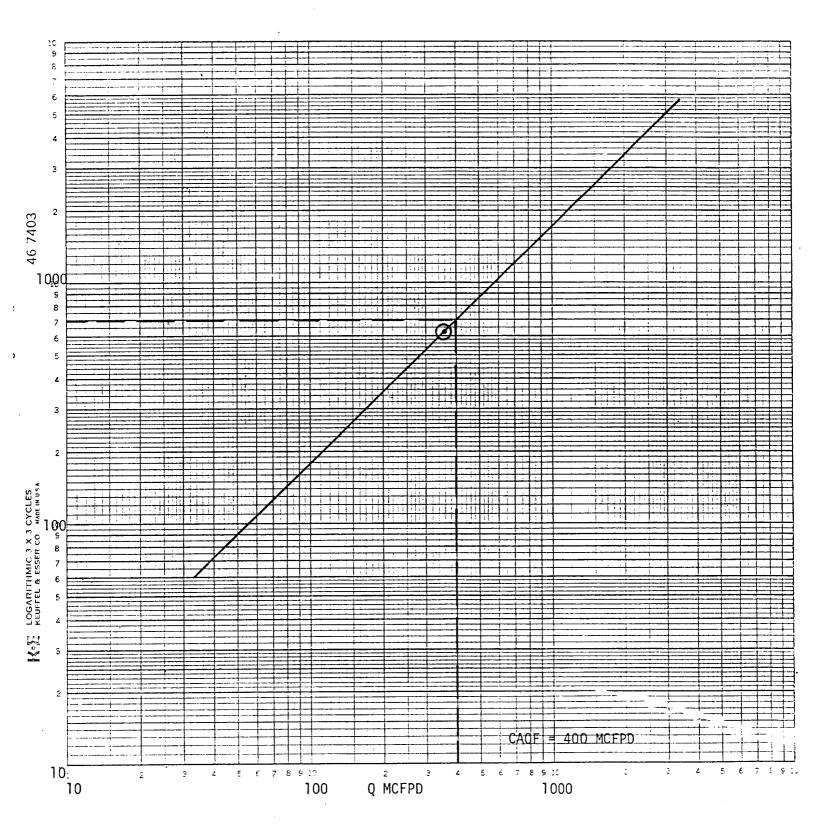
Supervisor Gas Purchase Contract Administration Title

cc: Operator

Oil Conservation Division - Santa Fe

NE 1EXICO OIL CONSERVATION COMM! N MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

		:									j 1		Des.	2.13.7	
Туре] Initial	`		٦ Ar	nnual		Spec:al		Test Date 8-26-81	1		೯ ೭೬ ನ	3 t00.	
Company Connection								SEP 9 2 1981							
Mesa Petroleum Co.					UNCONN	ECTED									
Pool				i	Formation				4	Unit At - W. Desiry					
UNDESIGNATED ABO Completion Date Total Depth Plug Back TD Elevation								Farm or Lease Name							
	26-81			4303	1		ļ	4223'		3995'			ORD FEI	DERAL	
Csọ.	Size	Wi.	C " ,d		Set		ns:				Well No.				
	1/2"	Wi.	.5#		Set	300'	Perforation	714' Te3946'				2 Ualt	Sec.	Twp. Rge.	
2	3/8"		.7#			616'	From OP	EN-ENDED	То	·		Α	18	6S 25E	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Packer Set At County															
ļ	NGLE		Bacaryo	ir Temp. *F		iean Annua	No Annual Temp. *F Baro. Press. —			NONE CHAV			ŁS	····	
1	BING		103°			60		13.2		•		NEW	MEXICO		
 	L	Н	· · · · · ·	Gq		% CO 2	% N 2	. 9: H	25	ī		Meter	Run	Tops	
	3616	3	616	.65		1	2						LL TEST		
	Prover		FL	OW DATA	7	Diff,	Temp.	TUBIN	ای	Temp.		CASING DAT		Duration	
ΝО.	Line Size	x	Size	p.s.i.g.		hw	•F	p.s.i.g.		•F	p.s.1	- 1	• F	Flow	
SI								840				323		72 HR SI	
	2" ORIF		3/4	20	- -		65	260		78	2	45		1_HR	
3.	WELL TE	SIEK			+										
4.	•														
5.					$oxed{oxed}$					<u> </u>					
<u></u>						RATEC		CALCULA	TIC		1 ,	Super			
	Coeff	cjent	-	$\sqrt{h_{\mathbf{w}}P_{\mathbf{m}}}$		Pressure	: [w Temp.		Gravity Factor	1	npress.	F	Rate of Flow	
NO.	(24 H	our)		· w m		Pm		Ft.		Fç	Fee	tor, Fpv	<u> </u>	Q, Mcfd	
1	375	5	2" 0	RIFICE W	ELL	TESTER	R .9952 .9608					359			
3.			-	<u> </u>							 				
4.			1												
5.	•														
NO.	$P_{\mathbf{r}}$	Tem	p. •R	T _f		2 1		of Liquid Hyd						Mc[/bb]. Dea.	
1.	-,		+					ty Separator G						XXXXXXX	
2.						Sp	ecific Gravi	ty Flowing Fl	u: c	x	XXXX	<u> </u>			
3.		<u> </u>						ure					.A	P.S.I.A.	
5.		 						erature							
F _C _	836	Pc 2_	699				P. 2	1	. 1	060	. Г	Pc 2	٦	1.1060	
100	₽,2		w	Pw ²	Pc2	- Pw ²	Pc ² - R	 =	• •	000	- -	F _c ² F _v	2 = -	111000	
1			258	67	6	32					_		-		
3							DE = O	Pc ²	r.	<u> 400</u>					
4								$P_c^2 - P_w^2$						-	
5			<u> </u>									 .	1		
Absolute Open Flow 400 Mold @ 15.025 Angle of Slope & 45° Slope, n 1															
Hemarks: UNABLE TO RUN FOUR FLOW RATES DUE TO LOW DELIVERY OF WELL.															
ASSUMED n = 1 AND BASED CALCULATIONS ON ONE POINT TEST.															
App	oved By C	ommissio	on;	Conduc	ed B	у:	·_·	Calculates	Εy:	UTTROSS,	B.,	Checke	ed By:		
				JAMES	CF	RAIG		E. L.	В	MITKOSS,	uK.				



ASSUMED n = 1 AND $\theta = 45^{\circ}$