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 See Instructions at Rottom of Page

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION

I		OTRA	NSP	ORT OIL	AND NA	TURAL GA				
Operator Texaco Exploration and Prod	duction !	\C						PI No. 039 05826		
Address							30 (700 00020		
	jton, New	/ Mexic	o 87	7401						
Reason(s) for Filing (Check proper box)					_	er (Please expla				
New Well		Change in	•		E	FECTIVE 6	-1-91			
Recompletion	Oil Casinghead		Dry G							
If change of operator give name	co Inc.			h Butler	Earmin	aton Now	Maxica 9	7401		
and address or previous operator			IVOI LI	Dutter	Гаппип	gton, New	MEXICO 6	1401		
II. DESCRIPTION OF WELL							Vindo	(Lease		
Lease Name		Well No. 24	ŀ	Name, Includi RO CHACR	ng Formation		State,	Federal or Fee	3666	ase No.
JICARILLA C Location		~~	OIL	NO CHACH	in (GAO)		indiai	ч	<u> </u>	
Unit LetterF	:1980		Feet F	rom The NO	RTH Lin	e and1980) Fo	et From The Wi	ST	Line
Section 27 Township	, 25	N	Range	5W	,N	МРМ,	RIO	ARRIBA	·	County
III. DESIGNATION OF TRANS	SPORTE	OF O	LAN	D NATU	RAL GAS	<u>-</u>				
Name of Authorized Transporter of Oil		or Conden		X	Address (Gi			copy of this form		1
Meridian Oil, Inc.	head Gen		Or De-	Gas X	-			gton, NM 8 copy of this form		
Name of Authorized Transporter of Casing El Paso Natural	Gas Com	pany	ог рту		ANNUESS (O)			ington, NM		-,
If well produces oil or liquids, give location of tanks.	Unit F	Sec. 27	Twp. 25N	Rge.	Is gas actual	ly connected? YES	When	-	IOWN	•
If this production is commingled with that f	rom any othe	r lease or j	pool, gi	ve commingl	ing order num	ber:				
IV. COMPLETION DATA					1	1	·			
Designate Type of Completion -		Oil Well	_i_	Gas Well	New Well	Workover	Deepen	Plug Back Sa	me Res'v	Diff Res'v
Date Spudded	Date Compl	. Ready to	Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Pro	oducing Fo	rmation	1	Top Oil/Gas	Pay		Tubing Depth		
Perforations	<u> </u>				<u>L</u>			Depth Casing S	hoe	
	·				CEMENTI	NG RECOR	D	04/	WO 0514	-1.7
HOLE SIZE	CAS	ING & TU	BING	SIZE	 	DEPTH SET		SAC	CKS CEME	ENI
										
TO THE PROPERTY OF THE PROPERT	T FOR A	L L ONL	DIE		L					
V. TEST DATA AND REQUES OIL WELL (Test must be after re	I FUK A	al valume i	SDILIC of load	, oil and must	be equal to or	r exceed top allo	wable for this	depth or be for	full 24 how	rs.)
Date First New Oil Run To Tank	Date of Test		·) ·		Froducing M	lethod (Flow, pu	mp, gas lift, e	(c.)		
									# 98 1	
Length of Test	Tubing Pres	sure			Casing Press			Choke Size		
Actual Prod. During Test	Oil - Bbls.				Water - Bbis			Gas-MCF JUN (3 1991	દીકીને
GAS WELL								an co	I D	W.
Actual Prod. Test - MCF/D	Length of T	est			libis. Conde	nsate/MMCF	,	GAVIN A CO		
Testing Method (pitot, back pr.)	Tubing Pres	aire (Shut-	in)		Casing Press	ure (Shut-ia)		Choke Size		
VI. OPERATOR CERTIFICA	ATE OF	COMP	LIAN	NCE	1	011 00:	10551	1710115		\ \ \ \ \
I hereby certify that the rules and regula	tions of the C	Dil Conser	vation			OIL CON	ISERVA	ATION DI		
Division have been complied with and the is true and complete to the best of my kind.	hat the inform	nation give		re	_			JUN ()	6 199	I
	-	. vaid.			Date	Approve			Λ	
2 m Miller	<i>)</i>				By_			المندي		<u> </u>
K. M. Miller Printed Name		Div. Ope	ers. I	Engr.	Title		SU	PERVISOR	DISTR	ICT #3
March 28, 1991		915-6			11119	·				

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.



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO SANTA FE, NEW MEXICO 87505 (505) 827-7131

ADMINISTRATIVE ORDER DHC-1120

Texaco Exploration & Production, Inc. 3300 North Butler Avenue Farmington, New Mexico 87401

Attention: Ted A. Tipton

Jicarilla 'C' Well No.24 Unit F, Section 27, Township 25 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Otero Chacra and Otero Gallup Pools

Dear Mr. Tipton:

Reference is made to your recent application for an exception to Rule 303-A of the Division Rules and Regulations to permit the subject well to commingle production from both pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303-C, and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the two zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303-C-4., total commingled oil production from the subject well shall not exceed 20 barrels per day, and total water production shall not exceed 40 barrels per day. The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Otero Chacra Pool	Oil	0 %	Gas	33 %
Otero Gallup Pool	Oil	100 %	Gas	67 %

FURTHER: The operator shall notify the Aztec District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303-C-5, the commingling authority granted by the order may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 7th day of April, 1995.

STATE OF NEW MEXICO

OIL CONSERVATION DIVISION

WILLIAM J. LEMAY

Director

SEAL

WJL/BES

cc: Oil Conservation Division - Aztec

Ernie Busch

From:

Ernie Busch David Catanach

To: Subject: Date:

TEXACO (DHC)

Tuesday, March 28, 1995 7:20AM

Priority:

High

JICARILLA C #24 F-27-25N-05W

RECOMMEND: APPROVAL



Texaco Exploration and Production Inc.

January 23, 1995

STATE OF NEW MEXICO OIL CONSERVATION DIVISION 2040 SOUTH PACHECO SANTA FE, NEW MEXICO 87505

Attention: David Catanach

DIL CON. DIV. Dist. 3

3300 N Butler Farmington NM 87401

RE: Application for exception to NMOCD Rule 303-A: Downhole Commingle

of Jicarilla C No. 24: 1980' FNL & 1980' FWL, Unit F, Sec. 27-T25N-R5W, Rio Arriba County, New Mexico

Dear Mr. Catanach:

Texaco Exploration and Production Inc. respectfully requests approval to downhole commingle the Otero Chacra Gas Pool and the Otero Gallup Oil Pool within the referenced well. The subject well was originally completed in the Otero Gallup in March of 1959. In May of 1966 the well was plugged back and recompleted in the Otero Chacra. The Gallup was producing 3 BOPD and 60-70 MCFD and had cumulative production of 23 MBO and 139 MMCF immediately prior to the plug back. The Chacra zone is currently producing 30 MCFD. We propose to drill out the CIBP set between these zones and downhole commingle the remaining production. We plan on installing a plunger lift system. Please accept the attached information in your consideration of this matter. Downhole commingling will result in economic recovery of additional reserves from two marginally productive zones that would otherwise not be recovered.

If you have any questions concerning this matter please contact Mr. Mark Reinhold at (505) 325-4397, ext 19. Your attention to this matter is greatly appreciated.

Sincerely,

Ted A. Tipton

Operating Unit Manager

100 JUC JUC

MRR/s

Attachments NMOCD-Aztec file

Application for Exception to Rule 303-Segregation of production from pools

(1) Name and address of the operator: Texaco Exploration and Production Inc.

3300 N. Butler Suite 100 Farmington, NM 87401

(2) Lease name, well number, well location, name of the pools to be commingled.

Lease Name: Jicarilla C

Well Number: 24

Well Location: 1980' FNL & 1980' FWL, Unit F, Sec. 27

T25N-R5W, NMPM

Rio Arriba County, New Mexico

Pools to Commingle: Otero Chacra and Otero Gallup

(3) A plat of the area showing the acreage dedicated to the well and the ownership of all offsetting leases.

Attached (Attachment I, II, III).

(4) A current (within 30 days) 24-hour productivity test on Division Form C-116 showing the amount of oil, gas and water produced from each zone.

Attachment IV, dated September 8, 1965 is the last C-116 filed for Jicarilla C No. 24 prior to plug back in May of 1966. Cumulative Gallup production is 23 BO and 139 MMCF (state annual reports).

(5) A production decline curve for both zones showing that for a period of at least one year a steady rate of decline has been established for each zone which will permit a reasonable allocation of the commingled production to each zone for statistical purposes. (This requirement may be dispensed with in the case of a newly completed or recently completed well which has little or no production history. However, a complete resume of the well's completion history including description of treating, testing, etc., of each zone, and a prognostication of future production from each zone shall be submitted).

Production decline curves for both zones attached (attachment V and VI).

(6) Estimated bottomhole pressure for each artificially lifted zone. A current (within 30 days) measured bottomhole pressure for each zone capable of flowing.

Chacra and Gallup shut-in pressure data obtained from offset wells during recent (September 1994) packer leakage tests:

Zone 2	Average, psig	Range, psig	# of Wells Tested
Chacra:	299	279-329	6
Gallup:	442	390-494	2

See attached Packer Leakage Tests - Attachment VII Recent bottom hole pressure data on this well is not available.

(7) A description of the fluid characteristics of each zone showing that the fluids will not be incompatible in the well-bore.

The Chacra zone produces less than 0.5 BPD with very minimal condensate.

A ported seating nipple and standing valve (ball and seat) will be installed above a production packer to prevent any buildup of Chacra fluids that might accumulate during an extended shut-in period from entering and logging off the Gallup interval (see wellbore diagram of proposed completion - attachment VIII). The Gallup zone was not producing any water prior to plug back. We also plan on installing a plunger lift system.

<u>Application for Exception to Rule 303-Segregation of productiom from pools</u> Requirements Continued.

(8) A computation showing that the value of the commingled production will not be less than the sum of the values of the individual streams.

Current Otero	Chacra Prod.	Anticipated O	tero Gallup	Production
Oil, BOPD	0	Oil, BOPD	3	
Gas, MCFD	30	Gas, MCFD	60	
Water, BWPD	0	Water, BWPI	0	

The combined production from the Chacra and Gallup zones will be approximately 90 MCFD, 3 BOPD and 0 BWPD.

(9) A formula for the allocation of production to each of the commingled zones and a description of the factors or data used in determining such formula.

Using our <u>anticipated</u> rates as shown in item #8 as an example, allocation factors will be calculated as follows:

	<u>Gas</u>	<u>Oil</u>
Chacra	30/(30+60)=33%	0/(0+3)=0%
Gallup	60/(30+60)=67%	3/(0+3)=100%

The <u>actual</u> production data obtained prior to and following the commingling process will be presented to the Aztec NMOCD District office to arrive at allocation factors for splitting the future production stream.

10) A statement that all offset operators and, in the case of a well on federal land, the United States Bureau of Land Management, have been notified in writing of the proposed commingling.

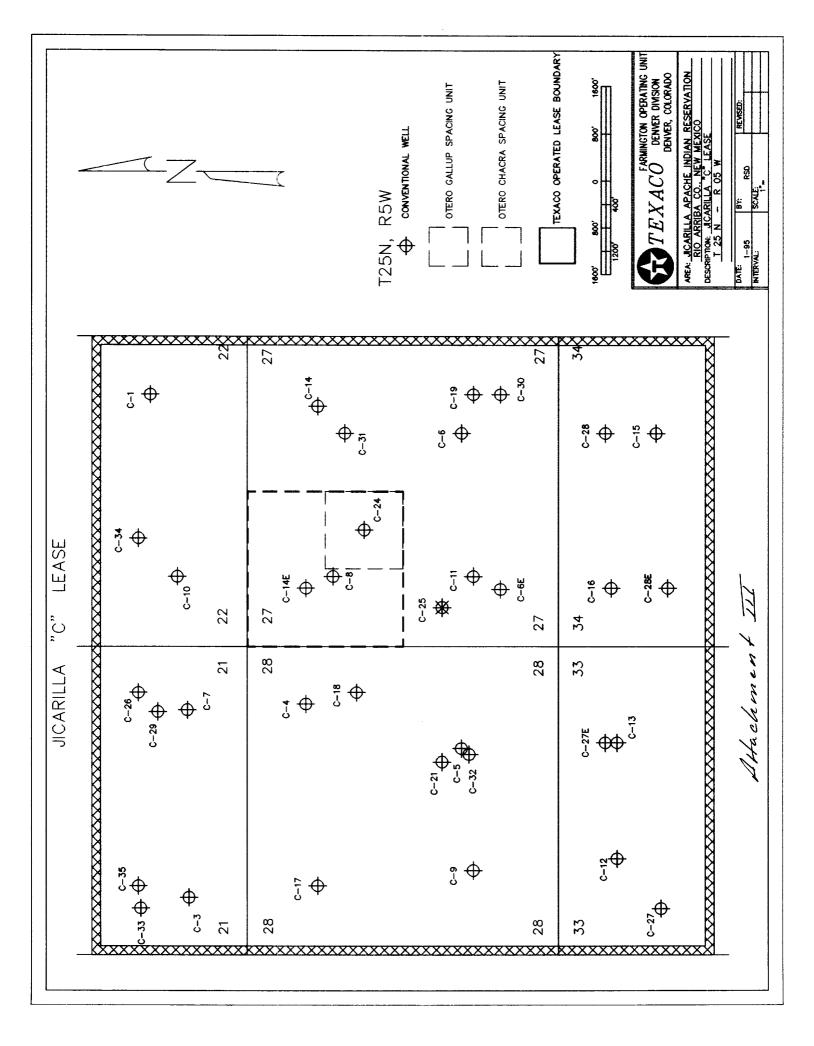
Since we operate all wells located in offset spacing units no other operators have been notified of our desire to downhole commingle. An intent sundry was filed with the Bureau of Land Management, Albuquerque District Office, Rio Puerco Resource Area.

HHachwent +

FORM C-128 Revised 5/1/57

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

			TRUCTION	IC CCS CC		THIC -0-4 -		VEDER CIAT		
		SEE INS	I KUC TION			THIS FORM OF	N IHE RE	AEK7E 7IDE		
Operator					SECT1 Lease	UN A				Well No.
	TA O	IL COMPAN	Y		Lease	JICARILL	A			C-24
Unit Letter F	Section	27	Township 25 NO		Rai	5 WEST	County	RIO ARRIE	RΔ	
Actual Footage L			25 NO.	MIN) MEDI	<u> </u>	nio muni		
1980			NORTH	line and	19	980 fee	t from the	WEST	li	ne
Ground Level Ele	v. F	roducing Fo	rmation		Pool				Dedica	ited Acteage:
		GALLI	P			OTERO				AO Acres
who has the rig another. (65- 2. If the answer t	ght to a -3-29 (to quest	rill into and e) NMSA 193 ion one is ''	to produce 5 Comp.) no,'' have t	from any poo	land to	appropriate the p	production	either for hin	nself or	uner" means the person for himself and agreement or other-
wise? YES										
3. If the answer t	o quest	ion two is	10, 11st al	i the owners	and then	₇		w:		
Owner						Land Descript	ion		. •	. = = ½
			SECTI	ON 8:	<u>-</u> .	1				
			35011	UN B				1	CERTI	FICATION
	 	80,						in SECTI	ON A a	that the information bove is true and com- of my knowledge and
		6)				<u> </u>				,
	1 1 1							Position Distri Company	let Sy	perintendent
/3	980	<u> </u>						SAGLIA Date	OIL	COMPANY
	i					i		Februs	TY 25	1959
			: 	27		<u> </u>		REF. GLO 1882	PLAT	DATED 4 NOV.
								shown on plotted fro surveys m supervision	the place om field hade by on, and or to the	hat the well location t in SECTION B was inotes of actual me or under my that the same is true thest of my knowledge
									Februard Profe	J. Leese
0 330 660 9	90 /3	20 1650 198	0 2310 26	40 2000) 150	0 1000 5	00	Certificate	e No.	1463



NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

DHackment 1V

Revised 1-1-65

erator			Pool	_												
SEELLY OIL COMPANY			· 		CTESC-	antire-				<u> </u>	County	HIC Ant. TE	H			
DEALES SIO - PARKINGTOR,	a,	HEXTCO	8				TYPE TEST	E O F r - (x)	Sch	Scheduled		Comp	Completion		Spe	Special
	WELL		LOC/	LOCATION		DATEOF		CHOKE	TBG.	DAILY	LENGTH		PROD. DURING	URING	TEST	GAS - OIL
LEASE NAME	o Z	э	s	+	œ	TEST	TATE	SIZE	PRESS.	ALLOW-	_ I	WATER BBLS.	GRAV.	OIL BBLS.	GAS M.C.F.	RATIO CU.FT./BB
TOWNING WENT TOWN TOWN TOWN TOWN TOWN TOWN TOWN TO	ななななななればなればないない	我就是我们的现在分词	はははなればなななからななないとと	的政策政策政策政策的政策政策	E E E E E E E E E E E E E E E E	1111111111111111	2. A.		おととさいはおおなにおいないという	ははるとはちゅうとこのななのをはずには	तंत्र संत्र तंत्र तं	000000000000000	444444444444444	はもはるのりのようでのはよるははは	<u> </u>	28888888888888888888888888888888888888
			-			:	- 					 				

No well will be assigned an allowable greater than the amount of oil produced on the official test.

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 ta located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15,025 pala and seemperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producting through casing.

Mail original and one copy of this report to the district office of as New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

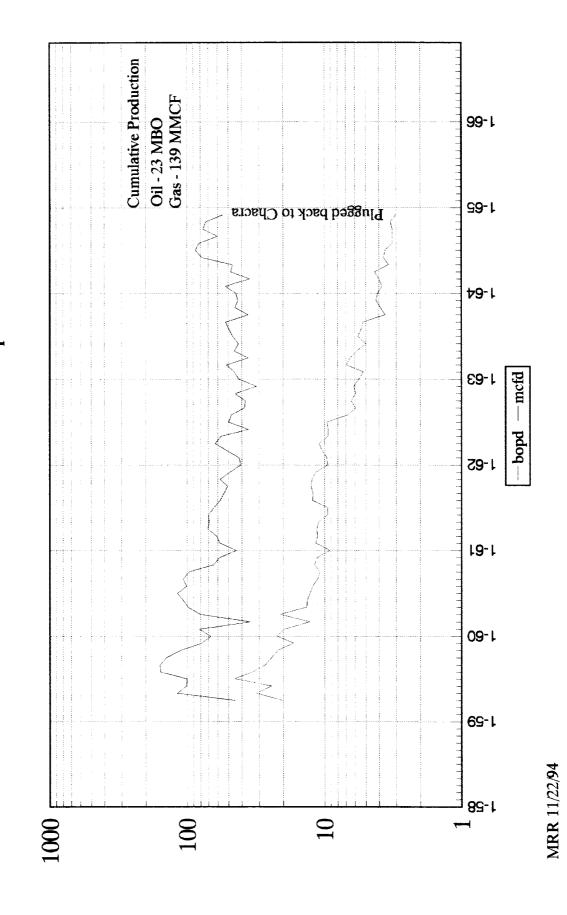
I hereby certify that the above information is true and complete to the best of my knowledge and belief.

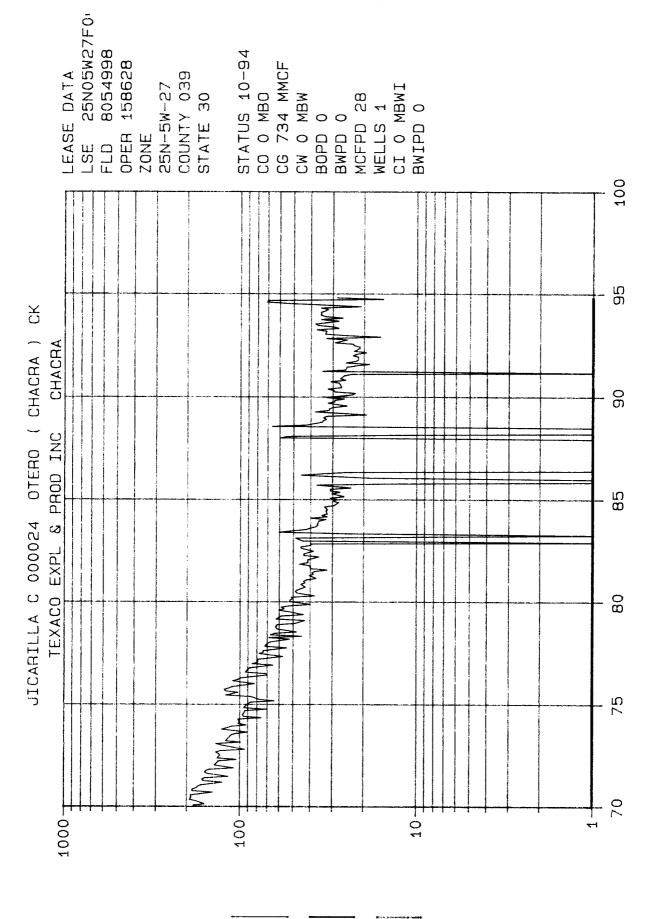
Curis. signed by Prank Semand

Sr. Preduction ingland September 8, 1965

Attachment V

Jicarilla C #24 Otero Gallup Production From NMOCD Annual Reports





WCFPD

BMPD

0408

FARS

Attachment VII.a

OperatorT	EXACO E & P I	NC.		Lease	JICARILLA C	Weii No9)
Location of Well: Un	it_K	Sec. <u>28</u> Twp.	25N	Rge.	5W	County RIO A	RRIBA
		NAME OF RESERVO	R OR POC	XL	TYPE OF PROD.		
Upp	er				(OIL OR GAS)	(Flow or Art. Lift)	(Tbg. or Csc
Compre		BLANCO PICTURED	CLIFFS SC).	GAS	SHUTIN	CSG.
Lowe Completed		OTERO CHACRA			GAS	FLOW	TBG.
		PRE-FLOW S	HUT-IN	PRESSURE DA	ATA		
Uppe		late shut-in	 -	Length of time s	hut—in	Si press. psig	Stabilized (Yes or N
Complet		ate shut-in					
Lowe Complet		ate shut—in		Length of time si	nutin	Si press. psig	Stabilized (Yes or N
			FLOW 1	TEST NO. 1			
Commencea	at (hour, date)	•		7	one producing (Up	per or Lower) LOWER	
TIME	LAPSED TIM		RESSURE		PROD. ZONE	REMA	ARKS
(hcur.date) 3-9-94	SINCE*	Upper Completion		r completion	TEMP.		
y-9-9 4	24 HRS.	0	290	1		BOTH ZONES SHO	ЛIN
9-10-94	48 HRS.	0	311	į			•
) -11-94		0	327				4
-12-94	72 HRS.	. 0	328				•
l−13- 94	96 HRS.	0	329				
) -14-94	120 HRS.	0	329				•
-15 -94	144 HRS.	o	330				•
-16-94	168 HRS.	0	330			UPPER SHUT IN: L	OWER FLOWING
-17-94	192 HRS.	0	330			UPPER SHUTIN : LO	WER FLOWING
9-16-94 3-17-94 oduction rate	168 HRS. 192 HRS. during test	0 0	330 330 Bbls. in _			UPPER SHUTIN : LO	WER FLOWIN
3as		_		u (Orifice or M <u>eter</u>			·
		MID-F	LOW SH	UT-IN PRESS	URE DATA		
Upper Completion	n	e snut—in	L	ength of time shu	t-in	Si press. psig	Stablized (Yes or No
Lower	Hour, Date	e shut-in		ength of time shu	t-in	Si press, psig	Stablized (Vee or No.

Attachment VII-6

Location of Well: Unit							No. 10	
	L N1	_Sec <u>22</u>	Twp:	25N	Age	e_JICARILLA_C 5W_	County RIO AR	RIBA
		NAME OF RESI	ERVOIR (OR POO	L	TYPE OF PROD. (OIL OR GAS)	METHOD OF PROD. (Flow or Art. Lift)	PROD. MED
Uppe Completi		BLANCO PICTL	IRED CL	IEEE CO				CSG.
Lowe				IFF3 3U.	·	GAS	SHUTIN	wd.
Completi	ion	OTERO CHACE	ZA			GAS	FLOW	TBG
		PRE-FLC	OW SHU	NI-TL	PRESSURE D)ATA		
Upper		te shut-in		· · · · · ·	Length of time s	shut—in	Si press. psig	Stantized (Yes or
Lower	r Hour. Da	te shut-in			Length of time s	shut—in	Si press. psig	Stabilized (Yes or
Completi	011				1			
			F	LOW T	EST NO. 1			
Commenced a	at (hour, date)*					Zone producing (U	per or Lowers	
TIME	LAPSED TIME			SSURE		PROD. ZONE	REMAR	RS
(hour.date) 9-9-94	SINCE*	Upper Comple 183	tion	Lower	r completion	ТЕМР.	BOTH ZONES SHU	· IN
9-10-94	48 HRS.	196						
9-11-94	40 mo.	200		288 291	<u></u>			
0_12_04	72 HRs.	203		002				•
9-12-94 9-:3- :4	96 HRS.	206		293 295	 		1	
9-14-94	120 HRS.	208		296			• • •	1
9-15-94								
J-15-94	144 HRS.	210		297				
9-16-94	168 HRS.	211		95			UPPER SHUT IN; LO	WER FLOWIN
9-17-94	192 HRS.	212		97			UPPER SHUTIN : LOV	VER FLOWING
roduction rate	during test		<u> </u>		<u>, , , , , , , , , , , , , , , , , , , </u>		<u> </u>	
Oil	BOPD based	d on	8	bls. in _	Hours_		GravGOR_	
3as		МС	CFPO: Te	sted thn	u (Orifice or Mete	er):		
	•							

Upper Completion	Hour. Date shut-in	Length of time shut—in	Si press. psig	Stabilized (Yes or No
Lower Completion	Hour, Date shut-in	Length of time shut-in	Si press. psig	Stablized (Yes or No

Attachment VII-C

OperatorT	EXACO E	& P INC	S		Lease	JICARILLA C	Weli No. <u>11</u>	
Location of Well: Un	nit_L_		Sec. <u>27</u> Twp.	25N	Rge	5W	County RIC A	RRIBA
			NAME OF RESERVOI	RORPOO	L	TYPE OF PROD.	ME:HOD OF PROD). PROD. ME (Tbg. or C
Upp Comple			BLANCO PICTURED	CLIFFS SO.		GAS	SHUTIN	CSG.
Low- Comple	1		OTERO CHACRA			GAS	FLOW	TBG.
			PRE-FLOW S	HUT-IN	PRESSURE DA	ATA		
Uppa Comple		our, Dat	e snut—in		Length of time s	hut-in	Si press. psig	Stablized (Yes
Lowe	er Ho	our, Date	snut-in		Length of time s	hut—in	Si press. psig	Stabilzed (Yes o
-				FLOW T	EST NO. 1		, <u></u>	
Commenced	at (hour,	date)*				Cone producing (Up		<u></u>
ПМЕ hour.date)	LAPSEL		PF Upper Completion	ESSURE	completion	PROD. ZONE TEMP.	LOWER	RKS
-9-94	24 H		92	265	Completion	IEMF.	BOTH ZONES SHU	TIN
-10 -94 -11-94	48 H	As.	95 100	289 291				-
-12-94	72 H	RS.	104	293				•
-13-94	96 H	1	108	295				•
-14-94 -15-94	1201		112	296			4 2 1	•
	1	1113.	114	296				
-16 -94	1681	IRS.	115	110			UPPER SHUT IN: LO	OWER FLOWN
-17 -94	1921	IRS.	116	106			UPPER SHUTIN : LO	WER FLOWING
duction rate	_							
il	BOPE) based	on				GravGOR_	
s					ı (Orifice or M <u>eter</u>			
11	18.5-				UT-IN PRESS		<u> </u>	
Upper Completio Lower	n	r. Date s			ength of time shu			Stabilized (Yes or I
Completio		.,			endar or mile 200	1111	vi hi ess. haly	DESIDED

Attachment VII-d

Operator T	EXACO.	E&PIN	3			Lease	JICARILLA C	Weil No	13
Location of Well: Un	nit <u>B</u>		_Sec3	<u>3</u> Twp.	25N	Rge	5W	County RIO A	RRIBA
			NAME OF RE	SERVOI	OR PO	XL .	TYPE OF PROD.	ME:HOD OF PROD	D. PROD. MED. (Tbg. or Cs
Upp			51 44455 515						
Comple			BLANCO PIC	TURED (CLIFFS SC	DUTH	GAS	FLOW	CSG.
Comple	- 1		OTERO CH	IARCA			GAS	FLOW	TBG.
			PRE-F	Low s	HUT-IN	PRESSURE D	ATA		
Upp. Comple		lour, Dat	e shut-in			Length of time s	hut-in	Si press. psig	Stabilized (Yes or
Lowe	er i	lour, Dai	ə shut-:n			Length of time s	hut-in	Si press, psig	Stabilized (Yes or
					FLOW 1	TEST NO. 1	· · · · · · · · · · · · · · · · · · ·	<u> </u>	
Commencea	at (hou	r. date) *					Zone producing (Up		
TIME	LAPSE	D ПМЕ		pe	RESSURE		PROD. ZONE	LOWER	ARKS
(hour.date)		ICE*	Upper Comp			er completion	TEMP.	HEND	TINO
) -9-94	24	HAS.	154		84			BOTH ZONES SHO	N: TI
10-94	48	HRS.	157	•	170				
9-11-94	1		160		226				
									•
)-12-94 -13-94		HRS.	163 169		240 253				
									•
-14-94	120	HRS.	170		267				
)—15— 94	144	HRS.	171		279				•
-16- 94	168	HRS.	172		32			UPPER SHUT IN; L	OWER FLOWING
-17-94	192	HRS.	172		37			UPPER SHUTIN : LC	WER FLOWING
	<u>:</u>								
oduction rate	during t	est							
Oil	BOF	D based	i on		Bbls. in _	Hours		GravGOF	l
as				MCFPD;	Tested th	ru (Orifice or Mete	r):		
		•		MID-F	LOW SH	IUT-IN PRESS	SURE DATA		
Upper		ur. Date	snut-in			Length of time sh		Si press. psig	Stablized (Yes or N
Completic Lower Completic	Но	ur. Date :	snut-in			Length of time sh	ut—in	Si press. psig	Stablized (Yes or N

AHackment VII-e

Operator TE	EXACO E & P IN	C	- -	Lease	JICARILLA C	Well No	14E	
Location of Well: Uni	t D	Sec. <u>27</u> Twp	25N		5W	County_RIO	ARRIBA	
		NAME OF RESERVO	IR OR POC		TYPE OF PROD. (OIL OR GAS)	METHOD OF PRO	D.I PROD. MES (Tbg. or C	
Uppe	4							
Complet		OTERO GALLUP			OIL	FLOW	TRG	
Complet		BASIN DAKOTA			GAS	FLOW	TBG.	
		PRE-FLOW S	SHUT-IN	PRESSURE D	ATA			
Uppe		te shut-in		Length of time s	hut-in	Si press. psig	Stablized (Yes c	
.owe	Hour. Da	te shut—in		Length of time s	hut-in	Si press. psig	Stablized (Yes or	
			FLOW T	EST NO. 1				
	at (hour, date)*				Zone producing (Up	per or Lower)		
ПМс	LAPSED TIME		RESSURE		PROD. ZONE		ARKS	
(hour.date) 9-9-94	SINCE*	Upper Completion 389	Lowe 322	rcompletion	ТЕМР.	BOTH ZONES SH	Jīlijā	
)—:0 <u>—</u> 94	'48 HR\$.	420					•	
)-11- 94	72 HRS.	437	328					
) - 12- 94	96 HRS.	457	335					
-13-94	120 HR\$	479	336				•	
-14-94	144 HRS.	487	30			UPPER SHUT IN: L	OWER FLOWIN	
-15-94	168 HRS.	494	32			UPPER SHUTIN : LOWER FLOWING		
oduction rate	during test				<u> </u>			
	•	d on	Bbls. in	Hours	C	Brav. GOF	ì	
				u (Orifice or Mete				
				UT-IN PRESS				
Upper	Hour, Date			ength of time shi		Si press. psig	Stabilized (Yes or h	
Completion				ength of time shu		Si press. psig	Stablized (Yes or h	

OperatorT	EXACO E & P IN	IC.		Lease	JICARILLA C	Weil No. <u>15</u>		
Location of Well: Un	nit <u>g</u>	_Sec34_ Tw	p. <u>25N</u>	Rge	5W	County_RIOA	RRIBA	
		NAME OF RESERVO	DIR OR POC	X.	TYPE OF PROD. (OIL OR GAS)	METHOD OF PROD (Flow or Art. Lift)	D. PROD. MED (Tbg. or Ca	
Upp			 		(OIL ON GAO)			
Comple		BLANCO PICTURED	CLIFFS SC	DUTH	GAS	FLOW	CSG.	
Low Comple		OTERO CHARCA			GAS	FLOW	TBG.	
		PRE-FLOW	SHUT-IN	PRESSURE DA	ATA			
Upp Comple		ite shut-in		Length of time s	ength of time shut—in Si press. psig Stab			
Lowe	er Hour, Da	te shut-in		Length of time s	hut-in	Si press. psig	Stabilized (Yes or	
			FLOW 1	EST NO. 1			•	
Commenced	at (hour, date)*	·		7	one producing (Up	Upper or Loweri LOWER		
TIME	LAPSED TIME		PRESSURE		PROD. ZONE	REMA	VRKS	
(hour.date) 9-9-94	SINCE*	Upper Completion 85	277	r completion	ТЕМР.	BOTH ZONES SHU	17.30	
			1					
9-10-94 9-11-94	48 HRS.	89	279			• •	*	
9-12-94	72 HRS.	95 98	280			• • •	•	
9-13-94	96 HRS.	105	282					
9-14 -94	120 HRS.	107	283			' ' '	*	
9-15-94	144 HRS.	109	284				•	
)-16-94	168 HRS.	111	46			UPPER SHUT IN; LOWER FLOW		
)-17-9 4	192 HRS.	112	42		-	UPPER SHUTIN : LO	WER FLOWING	
oduction rate	-			4-		_		
Oil	BOPD base	d on	_ 8bls. in _	Hours		GravGOR	<u> </u>	
las		MCFP[); Tested thi	ru (Orifice or M <u>ete</u>	7):			
		MID-	FLOW SH	IUT-IN PRESS	URE DATA			
Upper Completic	оп			Length of time shut—in			Stablized (Yes or N	
				Length of time shu	ıt—in	Si press. psig	Stablized (Yes or N	

Upper

Completion

Completion

Lower

Hour, Date shut-in

Hour, Date shut-in

Stablized (Yes or No

Stablized (Yes or No

Si press. psig

Si press, psig

Attachment VII-q

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

perator <u>TE</u>	EXACOE&PI	NC.			Leas	e JICARILLA C	No. <u>17</u>		
Location of Well: Unit_dSec28_Twp					Rge.	5W	County RIO ARRIEA		
		NAME OF RE	SERVOIR	ORPO	X	TYPE OF PROD.	METHOD OF PROD. (Flow or Art. Lift)	PROD. MED	
Uppe Complet	tion	BLANCO PICT	TURED C	LIFFS SC	DUTH	GAS	FLOW	CSG.	
Lowe Complet		OTERO CH	ARCA			GAS	FLOW	TBG.	
		PRE-FL	.OW SI	HUT-IN	PRESSURE (DATA			
Upper Hour. Date shut-in					Length of time		Si press. psig	Stablized (Yes o	
Lowe Complet	–	ate shut—in			Length of time	shut—in	Si press. psig	Stablized (Yes or	
				FLOW	TEST NO. 1				
Commencea	at (hour, date)					Zone producing (Upper or Lower) LOWER			
TIME (hour.date)	LAPSED TIM		PR letion	ESSURE	er completion	PROD. ZONE TEMP.	REMARKS		
-9-94	24 HRS.	135		294			BOTH ZONES SHU	TIN	
10-94	48 HRS.	137	i	299					
-11-94		137		304				•	
-12-94	72 HRS.	.38		306					
-13-94	96 H 1 3.	138		307				•	
-14-94	120 HRS.	139		308					
-15- 94	144 HRS.	139		309				•	
-16- 94	168 HRS.	140		114			UPPER SHUT IN: LO	WER FLOWIN	
-17-94	192 HRS.	140		112			UPPER SHUTIN : LO	WER FLOWING	
oduction rate	•						_		
Oil	BOPD bas	OPD based on Bbls. in _					GravGOR_		
			10500		<i>(</i> 0 : 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	er):			

Length of time shut-in

Length of time shut-in

Attachment VII-h

		_			1	JICARILLA C	Well No. <i>2</i> 7E		
peratorTE	XACO E & P IN	<u>G</u>			Lease	GCARILLA C			
Location of Well: Unit	:8	_Sec <u>33</u>	Twp	25N	Rge	5W	County RIO AR	RIBA	
		NAME OF RESE	AVOIR	OR POOL	-	TYPE OF PROD. (OIL OR GAS)	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIL (Tbg. or Csg	
Uppe	1	OTERO GALLUF	,			GAS	FLOW	твс.	
Lowe Complet		BASIN DAKOTA				GAS	FLOW	TBG.	
		PRE-FLO	W SH	IUT-IN	PRESSURE D	ATA			
Uppe		ate shut-in			Length of time s	hut-in	Si press. psig	Stabilized (Yes or N	
Complet Lowe Complet	r Hour, Da	ate shut-:n		****	Length of time s	huc—in	Si press. psig	Stabilized (Yes or N	
Complete			<u> </u>	FLOW T	EST NO. 1				
Commenced	at (hour, date)*		_			Zone producing (U	oper or Lower)		
ПМЕ	LAPSED TIME	=1	28	ESSURE		PROD. ZONE	REMA	REMARKS	
(hour.date)	SINCE*	Upper Comple		Lowe	r completion	TEMP.	BOTH ZONES SHU	IT .; s	
9-94	24 HFIS.	FRS. 279 702							
9-10-94	48 HRS.	320		718				•	
9-11-94		327 725				a a 2	•		
9-12-94	72 HRS.	346		739 745					
3-13-94	96 HAS.	359		/43			• • •	•	
9-14-94	120 HRS.	367		748					
9-15-94	144 HRS.	375		750				•	
9-16-94	168 HRS.	385		360			UPPER SHUT IN: LOWER FLOWI		
9-17-94	192 HRS.	390 369					UPPER SHUTIN : LOWER FLOWING		
Production rat	e during test								
	-	sed on		Bbls. in	Hours		GravGOI	٩	
					ru (Orifice or Me				
			MID-F	LOW S	HUT-IN PRES	SSURE DATA			
oppos in a second					Length of time s	shut-in	Si press. psig	Stablized (Yes or I	
Completion Lower Hour, Date shut—in					Length of time s	shut—in	Si press. psig	Stabilized (Yes or	