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District I	
1625 N. French Drive, Hobbs, NM	88240

State of New Mexico Energy, Minerals and Natural Resources Department

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Revised May	15,	2000

811 South First Stre	et, Artesia, NM 8	8210	
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District III	r mai		- 000

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, New Mexico 87505

MO,	APPLICATION TYPE
3 gr	Single Well
/ _	Establish Pre-Approved Pools
	EXISTING WELLBORE

District IV

2040 South Pacheco, Santa Fe, NM 87505 FVATION OIV APPLICATION FOR DOWNHOLE COMMINGLING

	S	ingle Well
 _Establish Pr	e-Appro	ved Pools
EXIST	ING WE	ELLBORE
X	Yes	No

CONOCO P.O. BOX 2197 HOUSTON, TX 77252 Operator Address											
Operator	Add	uress									
STATE COM	47 L	2 27N 8W	SAN JUAN								
Lease	Well No. Unit Letter-	Section-Township-Range	County								
OGRID No. 005073 Propert	ty Code <u>003253</u> API No. <u>3004522</u>	96100 Lease Type:Federal	X_StateFee								
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE								
Pool Name	PICTURED CLIFFS South Blanco	Hero - CHACRA	MESAVERDE								
Pool Code	72439	82329	72319								
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2252'-2296'	3222'-3232'	3944'-4765'								
Method of Production (Flowing or Artificial Lift)	FLOWING	EXPECTED TO FLOW	FLOWING								
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	INITIAL 1000PSI CURRENT 100-200PSI FRAC PRESSURE**	INITIAL 1160 PSI	INITIAL 1300 PSI CURRENT 200-300 PSI								
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1256		1256								
Producing, Shut-In or New Zone	PRODUCING	CURRENTLY SHUT -IN, ISOLATED BY PACKERS, WILL BE TRIMINGLED WITH PC AND MV	PRODUCING								
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: JUNE 2000 Rates: 29 MCFD	Date: Rates:	Date: JUNE 2000 Rates: 105 MCFD								
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas % % *SEE ATTACHED ALLOCATION SHEDULE	Oil Gas % % ALLOCATE BY SUBTRACTION METHOD	Oil Gas % % *SEE ATTACHED ALLOCATION SCHEDULE								
Are all working, royalty and overrid If not, have all working, royalty and Are all produced fluids from all com	an 28-7 #155 was .57 psi/ft(1737 psi are ing royalty interests identical in all converriding royalty interest owners beamingled zones compatible with each	en notified by certified mail?	es from State Com 47. Yes Nox Yes xNo								
Will commingling decrease the valu	e of production?		Yes No_x								
If this well is on, or communitized wor the United States Bureau of Land	vith, state or federal lands, has either t Management been notified in writing	he Commissioner of Public Lands of this application?	Yes Nox								
NMOCD Reference Case No. applic	eable to this well: R-10476-B										
Attachments: C-102 for each zone to be commingled showing its spacing unit and acreage dedication. Production curve for each zone for at least one year. (If not available, attach explanation.) For zones with no production history, estimated production rates and supporting data. Data to support allocation method or formula. Notification list of working, royalty and overriding royalty interests for uncommon interest cases. Any additional statements, data or documents required to support commingling.											
	PRE-APPRO	OVED POOLS									

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools List of all operators within the proposed Pre-Approved Pools

Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.

Bottomhole pressure data.

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

SIGNATURE TITLE Regulatory Analyst DATE 11/03/2000

TYPE OR PRINT NAME Nigel Ramberansingh TELEPHONE NO. (281)293-3270

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised October 18, 1994 Instruction on back Submit to Appropriate District Office State Lease - 4 Copies

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Fee Lease - 3 Copies

___ AMENDED REPORT

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District I PO Box 1980, Hobbs, NM 88241-1980 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410

2040 South Pacheco, Santa Fe, NM 87505

District IV

State of New Mexico Energy, Minerals & Natural Resources Department

Revised October 18, 1994 Instruction on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Form C-102

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1	¹ API Number ² Pool Code ³ Pool Name										
30-045-22961 72319 MESAVERDE											
⁴ Property	Code				5 Prop	erty Nar	ne				Well Number
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⁷ OGRID	No.				8 Oper	rator Nai	me				⁹ Elevation
005073		CONOCO								5951	GR
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12 Dedicated Acı	res 13 Joint	or Infill 14 Co	nsolidati	on Code 15 Or	der No.						
	1										

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A

NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION ¹⁷ OPERATOR CERTIFICATION 16 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Printed Name NIGEL RAMBERANSINGH Title REGULATORY ANALYST Date 10/20/2000 ¹⁸SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plot was plotted from field notes of actual surveys made by me or under 035 Date of Survey Signature and Seal of Professional Surveyer Certificate Number

District I PO Box 1980, Hobbs, NM 88241-1980 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410

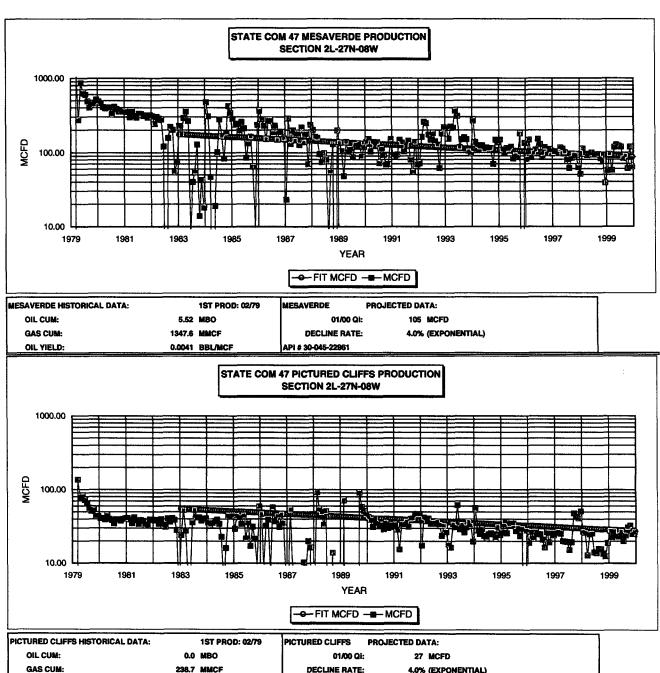
State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised October 18, 1994 Instruction on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

Certificate Number

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

District IV	,, .				Sama	ге, 1	NIVI 0/3U3			r	ee Lease - 5 Copi
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PICTURED CLIFFS HISTORIC	AL DATA:	1ST PROD: 02/79	PICTURED CLIFFS	PROJECTED DATA:	
OIL CUM:	0.0	MBO	01/00 Qi:	27 MCFD	
GAS CUM:	238.7	MMCF	DECLINE RATE:	4.0% (EXPONENTIAL)	
OIL YIELD:	0.0000	BBL/MCF	API # 30-045-22961		

	Mesaverde Allocation		Pictured Cliffs Allocation			
	MID-YEAR	MID-YEAR		(Carlana, 2004) - 1 - 2		MID-YEAR
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State Com #47 Trimingle Production PC, Chacra, & MV Triple Completion September 8, 2000

AFE#

API #300452296100 Location: Sec 2, T-27N, R-8W, 1760' FSL, 835' FWL

Objective

Optimize production by downhole trimingling Pictured Cliffs, Chacra, and Mesa Verde production.

WELL DATA

PBTD @ 4808', TD @ 4830', Completion 3/21/78

Surface Casing: 8.625", 20#, 5 jts.set @ 218', cement circ.

Production Casing: 5.5", 14#, K-55, 116 joints set @ 4817', (yield 4270 psi) TOC @ 650' by CBL.

Tubing – Long String: 2.063", 3.25#, landed @ 4583', w/Pkrs. –5.5" Baker 45 B Model J Snap set @ 2368', & 5.5" Baker Lok-set w/on/off tool @ 3270', SN 1 jt. from bottom @ 4552'.

Tubing - Short String: 1.66", 2.4#, landed @ 2372', 1.09" ID SN 6' from bottom.

Perforations: Pictured Cliffs: 2252' – 2296'.

Chacra: 3222' - 3232',

Mesaverde: (Cliff House) 3944' – 3960',

(Menefee) 4266' – 4288', (Point Lookout) 4486' – 4765'

Wellview Schematic attached.

PROCEDURE

- 1) Move in workover rig, hold safety meeting, note prevailing wind direction at location, designate muster point, review procedure, identify potential hazards, isolate lines and facilities, blow down lines, lock out tag out, spot equipment, rig up, WORK SAFELY!
- 2) Kill tubing with minimum amount of 1% KCl, POOH 1.66" OD short string laying down.
- 3) Kill tubing with minimum amount of 1% KCl, pull up to release Baker Snap set packer at 2368', pull up some more and rotate to right to release Baker Lok-set packer at 3270', POOH 2-1/16" Long String.
- 4) If fill prevents pulling both packers at same time free point and cut wash over to packer and release and pull. NOTE: Do not cut tubing below bottom Lok-Set packer unless absolutely sure pipe is stuck and packer has movement. Call Houston Engineering first.

State Com #47 Trimingle Production PC, Chacra, & MV Triple Completion September 8, 2000

API #300452296100 Location: Sec 2, T-27N, R-8W, 1760' FSL, 835' FWL

PROCEDURE (Continued)

- 5) RU wireline and set RBP below Chacra @ 3300', POOH wireline and RD. RIH with tubing and test packer, set packer below PC perfs @ 2350' with tail pipe down to 3232', swab in and test.

 Note: It is reported to make water only but we feel it only died due to completion configuration.
- 6) If test shows commercial gas, POOH, Pull RBP and trimingle production, if Chacra produces only water, squeeze with cement, pull RBP and commingle PC and MV production.
- 7) RIH with mule shoe and SN on bottom of 2.375" production tubing and tag for fill, clean out to PBTD @ 4808' if necessary. Land tubing at 4,598'
- 8) RIH gauge ring on sand line and tag seating nipple, trip plunger, POOH. RDMO
- 9) Swab well in if necessary. Notify operator to re-install plunger equipment and put back on production.

San Juan East Team - Prepared by Dennis Wilson

Cc: Central Records, and 3 Copies to Farmington Project Leads.

CONOCO INC. P.O. BOX 2197 DU 3082 HOUSTON, TX 77252

FACSIMILE TRANSMITTAL SHEET								
TOP	name di mata di Salanda di Saland	FROM	THE PERSON NAMED AND PARTY OF THE PERSON OF					
David Catanach		Debbie Marbenry						
СОМРАКУ:		DATE						
NMOCI		01/25/01						
FAX NUMBER:		TOTAL NO. OF PAGES INCLUDING COVER-						
505 476 3471		2						
PHONE NUMBER:		SENDER'S REFERENCE NUMBER:						
		281 293-1005						
RE:								
2								
☐ URGENT	☐ FOR REVIEW	D PLEASE COMMENT	□ PLEASE REPLY	☐ PLEASE RECYCLE				
MOTES/COMME	V18:							
David:								
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Thanks for you	ur time.							
Debble								

[CLICE HERE AND TYPE RETURN ADDRESS]

