Office District I 1625 N. French Dr., Hobbs, NM 88240		New Mexic			Form C	
1695 M. Franch Dr. Hobbs NM 99240	Energy, Minerals	and Natural	Resources		_March 4,	2004
				WELL API NO.	0.45 22771	
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERV	ATION D	IVISION	5. Indicate Type	0-045-23771	
District III	1220 South	St. Franci	s Dr.	STATE	FEE	
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe	e, NM 8750)5	6. State Oil & G		
1220 S. St. Francis Dr., Santa Fe, NM						
87505	EG AND DEDODES OF	NIWELLO	427 6 TV C 175555	7 1 N	I I:4 A NI	
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DIFFERENT RESERVOIR. USE "APPLICA"					Lease SF – 077123)	-
PROPOSALS.)		100	MAY 2004	8. Well Number		
1. Type of Well: Oil Well ☐ Gas Well X O	*h.a		2004		3A	
	uier		Const.	TOW OCENIE N	•	
2. Name of Operator		A. C.	DAGE	OGRID Num		
BP America Production Company 3. Address of Operator	· , - · · · · · · · · · · · · · · · · ·			/10. Pool name o	000778	
P O Box 3092 Houston, TX 77253	Attn: Mary Corley	Rm 19 191/	7/2 - 1092	.l	verde & Otero Chac	ra
4. Well Location	Attin. Mary Correy	17.17	(6.0.L)	Dianeo Mesa	verde de Otero Chae	
4. Wen Location						
Unit Letter C:	1070 feet from the	North	line and	1850 feet fr	rom the West li	ne
Section 13	Township 28		ge 09W	NMPM San	Juan County	~ // 100/ 107/ 107/ 107/
	11. Elevation (Show wh					
Pit or Below-grade Tank Application (For p	4 balan anala Asala alam	6852' G				
Pit Location: UL_C_Sect_13_Twp_28N_R	tng_ <u>09W_</u> Pit type <u>_Worl</u>	kover_Depth	to Groundwater_ <u>></u>	100 Distance from ne	earest fresh water well <u>>1</u>	000
Distance from nearest surface water_> <u>100</u>	00' Below-grade Tank Lo	ocation UL	Sect Tw	pRng	;	1
				·	- ′	
+/- 1070 feet from the North line and	<u>+/-1850</u> feet from the	<u>west</u> line				<u> </u>
12. Check Ar	propriate Box to In	dicate Nati	re of Notice.	Report or Other	r Data	
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NOTICE OF INT						
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The Blanco Mesaverde (72319) & Otero Chacra (82329) Pools are Pre-Approved Pools for Downhole Commingling per NMOCD order R-11363. The working and overriding royalty interest owners in the proposed commingled pools are not identical, and therefore will be notified by copy of this application via certified mail return receipt requested.

Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Mesaverde. That production shall serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Chacra. Attached is the future production decline estimates for the Mesaverde.

Commingling Production Downhole in the subject well from the proposed Pools with not reduce the value of the total remaining production.

Construct a workover pit per BP America – San Juan Basin Drilling/Workover Pit Construction Plan issued date of 04/15/2004. Pit will be closed according to closure plan on file.

District I

1625 N. French Dr., Hobbs, NM 88240

Disasta II

District II

811 South First, Artesia, NM 88210

<u>District III</u>

1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 2040 South Pacheco, Santa Fe, NM 87505 State of New Mexico Energy, Minerals & Natural Resources Department

Submit to Ammonaista District Office

OIL CONSERVATION DIVISION

2040 South Pacheco Santa Fe, NM 87505 Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

Revised August 15, 2000

Form C-102

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-23771	² Pool Code 82329	³ Pool Name Otero Chacra		
⁴ Property Code 001212	•	⁵ Property Name Warren LS	⁶ Well Number 3 A	
⁷ OGRID No. 000778	BP Ameri	⁸ Operator Name ca Production Company	⁹ Elevation 5852' GL	

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet from	East/West	County
Unit G	13	28N	09W		1070'	North	1850'	West	San Juan
11 Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet	East/West	County
12 Dedicate	d Acres	¹³ Joint o	r Infill	14 Consolidation Code		15 Order No.			
160)								

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

NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION					
				¹⁷ OPERATOR CERTIFICATION	
	1070			I hereby certify that the information contained	
				herein is true and complete to the best of my	
[1850']	→ ○	MAY	2000	knowledge and belief. Mary Corley Mary Corley	
		100		Signafure Mary Corley	
			* 3	Printed Name Sr. Regulatory Analyst Title	
		*44.6 <u>.8</u>	192	05/19/2004 Date	
				¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat	
				was plotted from field notes of actual surveys made by	
				me or under my supervision, and that the same is true	
				and correct to the best of my belief.	
				8/13/1979	
				Date of Survey	
				Signature and Seal of Professional Surveyor:	
	,				
				Fred B Kerr 3950	
				Certificate Number	

Warren LS # 3A Recompletion into the Chacra & Downhole Commingle Production

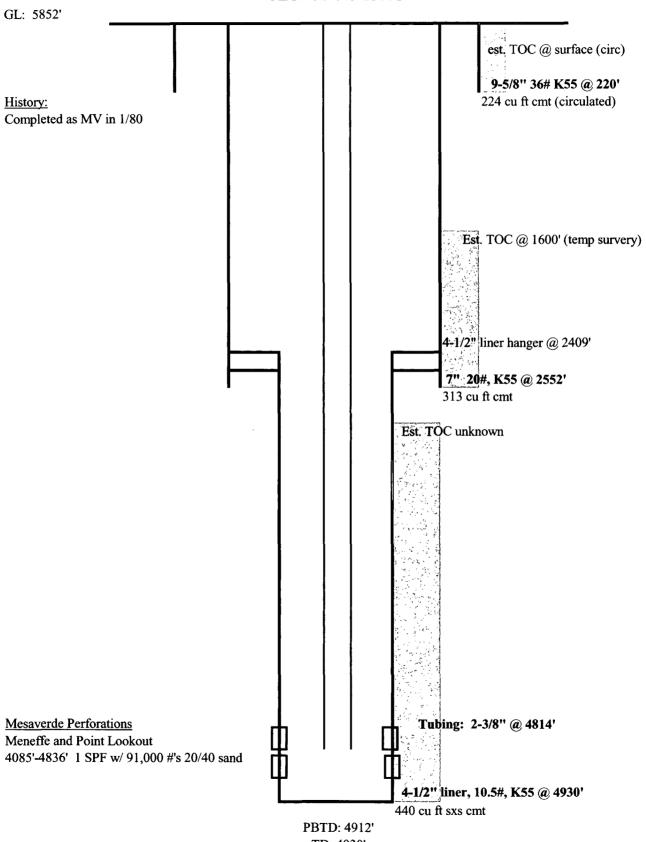
Procedure:

- 1. Check anchors. MIRU workover rig.
- 2. Check and record tubing, casing, and bradenhead pressures.
- 3. Blow down well. Kill with 2% KCL water ONLY if necessary.
- 4. Nipple down WH. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 500 psi. Monitor flowing casing pressure with gauge (with casing flowing to blow tank) throughout workover.
- 5. RU slickline unit or wireline unit. RIH and set plug (CIBP, tbg collar stop, or plug set in nipple) for isolation.
- 6. RIH and tag fill, Tally OH with tubing string. Visually inspect tbg while POOH.
- 7. <u>Contingency:</u> If the 2-3/8" tubing is in poor condition, replace entire tubing string.
- 8. RIH w/ bit and scraper for 4-1/2" casing to PBTD at 4912'. Work casing scrapper across old interval, interval for CIBP, and new Chacra interval.
- 9. Set CIBP at +/- 150' below bottom Chacra perforation.
- 10. Load well with 2% KCl. Pressure test casing to 2800 psi with rig pumps. 80% burst is 2992 psi for 7", 20 ppf, K-55 casing.
- 11. RU W/L unit. RIH w/CBL and log from 4000' to top of the liner at 2409'. Confirm that top of cement is not deeper than 2683'. Contact engineer if top of cement is below 2683' to discuss block squeeze.
- 12. RIH with 3-1/8" casing guns. Perforate Chacra formation (correlate to GR log from CBL on step 11).
- 13. Chacra Perforations to be determine later.
- 14. RU tree saver and frac equipment.
- 15. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule. Maintain surface pressures ≤ 2800 psi during frac job. Flush frac with foam. Fill out GWSI scorecard.
- 16. Flowback frac immediately.

- 17. TIH with tubing and bit. Cleanout fill and drill bridge plug previously set. C/O to PBTD at 4912'. Blow well dry at PBTD.
- 18. Rabbit tubing and RIH with 2-3/8" production tubing (muleshoe sub, F-nipple, 4 ft pup, X-nipple with plug in place). Fill tubing with water while RIH and test to 500 psi or test with air unit to 500 psi if on location.
- 19. Land 2-3/8" production tubing at +/-4814'. ND BOP and NU WH. During master valve placement ensure the top of hanger has spacer nipple in place to bottom of bonnet flange so plunger equipment will not hang up through tree.
- 20. Swab down tubing or blow dry with air foam unit.
- 21. RU slickline unit. Run gauge ring for 2-3/8" tubing. Pull plug. Flow well up tubing long enough to verify it will not log off. Set tubing stop for plunger. Communicate plunger equipment status to IC room personnel.
- 22. Test well for air.
- 23. Return well to production.

Warren LS 3A

Sec 13, T28N, R9W API # 30-045-23771



TD: 4930'

Formation Tops:

Chacra 3183 Meseverde 3797 Point Lookout 4477

updated: 5/11/04 GKC