1201 W. Gror	ch Dr., Hob	bs, NM 882	RECE	IVEG	rgy Minera	als and	w Mexico Natural Reso	urces		Form C- June 16, 2	
1201 W. Grand Avenue Artegia NM 99210				N			Submit to approp	o appropriate District Of			
1000 Rio Brazos Road, Aztec, NM 87410 LOBESOCO 1220 S									IENDED REPO		
APPLIC	CATION	FOR P	PERMIT TO A ZONE	<b>) DRIL</b>	L, RE-EN	TER,	DEEPEN,			$\bigcirc$	
12000	icit, o		<sup>1</sup> Operator Name		5				<sup>2</sup> OGRID Number	r \	
CHEVRON U S A. INC 15 SMITH ROAD						4323 <sup>3</sup> API Number					
30			MIDLAND, TEXAS 79705					30 – 025-03076			
<sup>3</sup> Property Code			<sup>5</sup> Property Name CENTRAL VACUUM U				NIT	<sup>°</sup> Well No 97			
	<u> </u>		Proposed Pool 1 GRAYBURG SAN					<sup>10</sup> Prop	osed Pool 2		
<sup>7</sup> Surface	Locatio		JKA I BURU SAN	ANDRES							
UL or lot no C	Section 6	Township 18-S	Range 35-E	Lot Idr		rom the 60	North/South line NORTH	Feet from the 1810	East/West line WEST	County LEA	
<sup>8</sup> Proposed UL or lot no	Bottom H	Hole Locat	tion If Differen Range	t From Su		rom the	North/South line	Feet from the	East/West line	County	
				i	-						
Additiona		Informat									
	Type Code DEEPER		<sup>12</sup> Well Type Code O			le/Rotary <sup>14</sup> L		Lease Type Code S	, <sup>15</sup> Grou	<sup>15</sup> Ground Level Elevation 3978' GL	
	Aultiple		<sup>17</sup> Proposed Depth			Formation		19 Contractor		<sup>20</sup> Spud Date	
	NO		4800'		SAN A	ANDRES					
<sup>21</sup> Propos	ed Casi	ng and C	<sup>1</sup> ement Prog	ram					1		
<sup>21</sup> Proposed Casing and C Hole Size			Ising Size Casing weight/foot		Setting Depth		Sacks of Ce	ement	Estimated TOC		
NO CHA	ANGE										
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	blowout pre	evention pro	ogram, if any Use	e additional (	ale a star of manage		p.			ien produente za	
	biowout pi			• uuunonui ·	sneets 11 neces:	sary	P			ion productive 2.	
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Describe the	USA INC	ied, the i	INTENDED PROG	he subjec cedure, w <b>From Aj</b>	t well to 4 Vellbore di <b>pproval</b>	800' ANI	D ACIDIZE TO IN		CTIQN		
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District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

# State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number			1	<sup>2</sup> Pool Code		<sup>3</sup> Pool Name							
3			62180	VAC	VACUUM GRAYBURG SAN ANDRES								
<sup>4</sup> Property Code		<sup>5</sup> Property Name								<sup>6</sup> Well Number			
29923					CENTRAL VAC	97							
<sup>7</sup> OGRID	<sup>7</sup> OGRID No.		<sup>8</sup> Operator Name								<sup>9</sup> Elevation		
4323	4323			CHEVRON U.S.A. INC.						3978' GL			
L					<sup>10</sup> Surface	Location							
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	t line		County		
С	6	18-S	35-E		660	NORTH	1810	WEST		LEA			
L	A.,	L4	<sup>11</sup> Bo	ottom Ho	le Location I	f Different From	n Surface						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/	West line		County		
<sup>12</sup> Dedicated Acre 40	s <sup>13</sup> Joint of	r Infill <sup>14</sup> Co	onsolidation	Code <sup>15</sup> Or	rder No.	I							

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.

<u> </u>			
16			<sup>17</sup> OPERATOR CERTIFICATION
a a a a a a a a a a a a a a a a a a a			I hereby certify that the information contained herein is true and complete
+ 1510'	ויג		to the best of my knowledge and belief, and that this organization either
			owns a working interest or unleased mineral interest in the land including
			the proposed bottom hole location or has a right to drill this well at this
	1		location pursuant to a contract with an owner of such a mineral or working
			interest, or to a voluntary pooling agreement or a compulsory pooling
		· · · · · · · · · · · · · · · · · · ·	order heretofore entered by the division
		đ	Signature Date 02-23-2010
M	, Mr.	Į.	DENISE PINKERTON REGULATORY SPECIALIST Printed Name
57	l ven		
			<sup>18</sup> 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.
			same is the and correct to the best of my being.
			Date of Survey
			Signature and Seal of Professional Surveyor:
			Signature and bear of Protosional bia rejot.
			Certificate Number
	1		

CVU #97 Job: Deepening API No. 30-025-03076 Vacuum Grayburg San Andres Unit Field Lea County, NM

# Workover Procedure:

- 1. One day prior to RU: Pump 55 bbl 10# BW down tbg. SI until PU arrives. Calc. KWM.
- 2. MIRU PU.
- 3. Kill well as necessary.
- 4. ND wellhead. NU BOP.
- 5. RU WL. Set plug in profile nipple. Release from On/Off tool. Circulate w/ KW fluid.
- 6. POOH w/ prod tbg. GIH w/ On/Off tool, perf sub on 2-7/8" workstring.
- 7. Pull profile plug. Release packer and POOH.
- 8. RIH w/ 6-1/8" MT bit and drill collars on 2-7/8" 6.5# EUE L-80 workstring.
- 9. Drill to 4,800'. Use 9.2 to 9.4#/gal cut BW w/ EZ mud sweeps. Note: In March 2009, TD was tagged at 4691'.
- 10. Circulate hole clean.
- 11. Analyze scale samples and check for asphaltene deposits. Give samples to Petroplex Rep and Baker Petrolite.
- 12. Spot 250 gallons of 15% HCl.
- 13. TOH.
- 14. TIH w/ 7" treating pkr on 2-7/8" workstring.
- 15. Set pkr @ 4,050'.
- 16. Acidize open hole with 10,000 gallons Petrol 20 (80% Acid /20% Xylene) in four equal stages using rock salt for diversion. Rate: 5-6 BPM and Max Pressure: 4500 psi
- 17. Shut-in overnight.
- 18. Flow back load
- 19. Pump 330 gallons of SCW358 (scale inhibitor) mixed with 120 bbls of fresh water followed by 200 bbls of fresh water.
- 20. Release packer and TOH.
- 21. TIH w/ notched collar on workstring and clean out to 4800'. POOH.
- 22. RIH w/ test ESP on 2-7/8" J55 tbg per ALCR. Set pump @ 4700'.
- 23. ND BOP. NU wellhead.
- 24. RDMO PU.
- 25. RTP.
- 26. Report production tests.

## Contacts:

Larry Birkelbach – Completion Engineer (432-687-7106 / Cell. 432-208-4772) Carlos Valenzuela – ALCR (Cell: 575-390-9615)

#### CURRENT WELLBORE DIAGRAM

