CHEVRON U S A II 15 SMITH ROAD MIDLAND, TEXAS	-6161 Fax (57 urtesia, NM 882 -1283 Fax (57: Road, Aztec, N -6178 Fax (50: Is Dr., Santa Fe -3460 Fax (50: PLICA	(5) 393-0720 (210 (5) 848-9720 (M 87410 (5) 334-6170 (5) 334-6170 (5) 476-3462 (TION FC	State of New Mexico Energy Minerals and Natural Resources HOBBS OCD Oil Conservation Division AUG 0 5 2011 1220 South St. Francis Dr. Santa Fe, NM 87505 RECEIVED R PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OI Operator Name and Address <sup>2</sup> OGRID Nu <sup>4323</sup> <sup>3</sup> API Num 30-02,5-3 <sup>9</sup> Property Name <sup>3</sup> OP Nume <sup>3</sup>						lumber		
UL - Lot 1	Section 7	Township 18-S	Range 35-E	Lot Idn	Feet f 1950		N/S Line SOUTH	Feet From 450	E/W Lui E/	e County AST LEA	
					8 Pool I	nform	ation				
	/				1 101 1		ativii				
VACUUM BL	INEBRY 6	1850		Addi	tional V	Vell In	formation				
° Wor PLUG BA	k Type		<sup>10</sup> Well Type OIL		<sup>11</sup> Cable/F				<sup>3</sup> Ground Level Elevation 3926 <sup>°</sup>		
<sup>14</sup> M	ultiple 10		<sup>15</sup> Proposed Depth 11,600'		<sup>16</sup> Forma BLINE		<sup>17</sup> Contractor			<sup>18</sup> Spud Date	
Depth to Grou	nd water		Distar	nce from neares	t fresh water	r well		Dista	ance to nearest sur	rface water	
			19	Proposed	Casing	and (	Cement Pr	ogram		•	
Туре	Hol	e Sıze	Casing Size	Casing W	/eıght/ft	_	Setting Depth	Sacks	s of Cement	Estimated TOC	
				NO CH	ANGE	Repuil Expires			ess <b>Printing</b>	2 Years From Approval s Brilling Underway Plus Dack	
			Casin	g/Cement	t Progra	am: A	dditional C	Comments	<u> </u>		
				<b>-</b>		t Prev	ention Pro	gram			
Туре				Vorking Pressu	ting Pressure		Test Pressure			Manufacturer	
I hereby certify that the information given above is true and complete to the best of my knowledge and belief I further certify that the drilling pit will be constructed according to NMOCD guidelines Br-a general permit , or an (attached) alternative OCD approved plan .						Approv		CONSERV		VISION	
Printed name. DENISE PINKERTON Title: REGULATORY SPECIALIST						Title.	PETRON ed Date AUG	0 9 2011	Expiration Da	te	
		@chevron.co							1		
Date:08-04-2			Phone 432-68	37-7375		Conditions of Approval Attached					

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District I 1625 N French Dr, Hobbs, NM 88240 Phone (575) 393-6161 Fax (575) 393-0720

District II									
811	S	First	St,	Artesia,	NM	88210			

Phone (575) 748-1283 Fax (575) 848-9720 District III

1000 Ri	o Bra	zos Road,	Azte	c, NM	<b>A 874</b> 10
Phone (	(505)	334-6178	Fax	(505)	334-6170

District IV 1220 S St Francis Dr , Santa Fe, NM 87505

Phone (505) 476-3460 Fax (505) 476-3462

# State of New Mexico HOBBS OCD OIL CONSERVATION DIVISION AUG 0 5 2011 1220 South St. Francis Dr.

Form C-102 Revised August 1, 2011 Submit one copy to appropriate **District Office** 

AMENDED REPORT

### RECEIVED

## WELL LOCATION AND ACREAGE DEDICATION PLAT

Santa Fe, NM 87505

<sup>1</sup> API Number				<sup>2</sup> Pool Code		<sup>3</sup> Pool Name					
3			61850		VACUUM; BLINEBRY						
<sup>4</sup> Property Code					6 1	<sup>6</sup> Well Number					
300			MEW MEXICO STATE "AN"					12			
<sup>7</sup> OGRID No.						<sup>9</sup> Elevation					
4323			<sup>8</sup> Operator Name CHEVRON U.S.A. INC.								
L	<b>k</b>					Location		<b>.</b>			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
I	7	18-S	35-E		1950	SOUTH 450		EAST	LEA		
	•		" Bo	ttom Hole	Location If	Different Fron	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	s <sup>13</sup> Joint o	r Infill <sup>14</sup> C	onsolidation (	Code 15 Orde	er No.						
40											

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.

16					<sup>17</sup> OPERATOR CERTIFICATION
					I hereby certify that the information contained herem is true and complete
					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
					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 heretofor <del>e enter</del> ed by the division
				0	Center the Kerton 08-04-2011
				•	Signature Date
					DENISE PINKERTON REGULATORY SPECIALIST Printed Name
					Timed Name
					leakejd@chevron.com
					E-mail Address
			<u>ا</u>	1	
				`.	<b>*SURVEYOR CERTIFICATION</b>
			ł	150	I hereby certify that the well location shown on this
			1	900	hat was plotted from field notes of actual surveys
			12	Ţ	made by me or under my supervision, and that the
				7	same is true and correct to the best of my belief.
				1 12	Date of Survey
					Signature and Seal of Professional Surveyor
					_
	ì		K I		E.
			6		• جو
				1	
					Certificate Number
				L	
	<u> </u>	•	7	/	

New Mexico State "AN" No. 12

API No. 30-025-34098

#### Well History:

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Well was TA'd on 1/25/2011 w/ a CIBP set @ 9198' & capped with 35' cement. Current wellbore diagrams show that no tubing is in the hole.

#### Workover Procedure

- 1. MIRU Pulling unit.
- 2. Check casing for pressure. Well *should* be dead as there is a CIBP above top perfs. Flow well down or kill well if necessary.
- 3. ND WH.
- 4. NU 3000 psi manual BOP w/ 2-7/8" pipe rams over blind rams. PU 5-1/2" 17# packer w/ bull plug & on/off tool & TIH. Set packer @ 30'. Test pipe rams to 250/500 psi for 5 minutes. Release on/off tool & LD test joint. Test blind rams to 250/500 psi. TIH & retrieve test packer.
- 5. Rig up wire line truck & lubricator. Get on depth with Schlumberger's GR-CNL-LDT log dated 12/14/97. Pull GR-CET-CCL log from PBTD to 5900'. Pull log at 0 psi and with 1000 psi on the casing.
- 6. Perforate the 5-1/2" casing w/ 1 JSPF, 60 degree phasing, & .42" entry hole diameter as follows: 6232'-36', 6248'-52', 6308'-12', 6350'-54' (16 holes). Rig down wire line truck.
- 7. T1H with 5-1/2" treating packer on 2-7/8" 6.5# L-80 8RD EUE workstring hydro-testing to 6000 psi below the slips and set packer at 6150'. Load and test back side to 500 psi.
- MIRU Acidizing equipment. Acidize Blinebry perfs w/ 2,500 gallons 15% NEFE HCl. Pump acid at 8-10 BPM, or as well pressure dictates. Max treating pressure = 5800 psi. Drop 50% excess 1.18 S.G. 7/8" bio-ball sealers for diversion.
- 9. Shut-in for 2 hours and allow acid to spend & allow time for bio-ball breakdown and settling.
- 10. Open well & attempt to surge in order to knock balls off perfs.
- 11. Flow / swab back load plus 150 bbls. Note swab operation in great detail in WellView as the swab details will dictate whether or not a frac is done on this well.

- 12. Release 5-1/2" 17# treating packer & TOH. LD WS & Packer.
- 13. PU two 5-1/2" RBP. Set 1<sup>st</sup> RBP 100' above top perf. Set 2<sup>nd</sup> RBP 500' from surface. Dump 20' of sand on both RBP's
- 14. ND BOP
- 15. NU WH
- 16. RDMO pulling unit.

\*\*\* NOTE TO PRODUCTION ENGINEER: Plan is to rig down & work on other wells after pulling the acidizing packer & go work on other wells. We need to look into getting a frac date for the well before we put it back on the queue to run a workstring and frac packer. Otherwise we will end up paying a lot of workstring rental for the frac. Will require a C/O run on next RU prior to running a frac packer.

NCB 6/22/2011

Workover Contacts:

Remedial Engineer – Nate Brummert 713-409-6170 Production Engineer – Paul Brown 432-687-7351 / 432-238-8755 ALCR – Carlos Valenzuela 575-390-9615 Petroplex Acidizing – Steve Pendleton 432-563-1299 / 432-556-4211 Peak Packers – Sam Prieto 575-631-7704 Schlumberger – Jacinto Delgado –



## State 'AN' #12 Recompletion Recommendation Sect: 7-T18S-R35E 30-025-34098

The State 'AN' #12 was drilled in 1997 to the Devonian and was TA'd in 2001, renewed in 2006 and Chevron was recently granted a one year extension to that TA permit which now expires on 1/13/2012. I recommend we test the Blinebry section before plug and abandonment.

We have recently successfully recompleted three wells on the State 'AN' lease to the Blinebry pool, the AN #1, 3 and 11. As a result of these successes, a review of additional recompletion opportunities has surfaced several more opportunities including the AN #12. The AN #12 is located considerably down dip to any Blinebry producer and, therefore, holds higher risk of being wet in the Blinebry section. However, it's thorough and modern OH log suite shows very good porosity through the Blinebry section, 6230-6500', with calculate Sw's of <40% from 6230' to 6360'. This Blinebry section also has a very low count GR throughout which is a key to pay quality interval, therefore a Spectral GR is not necessary.

Therefore, I recommend we go forward and reenter the AN #12, tie into Schlumberger's GR-CNL-LDT log dated 12/4/97, run a GR-CET-CCL from PBTD to 5900, and perforate 6232-36,6248-52', 6308-12', and 6350-54', then breakdown with acid and swab test. If acceptable oil saturations are present then we can evaluate for further stimulation. If possible, capture a water sample before acid stimulation. From log analysis and offsets the pay lithology is dolomite.

The AN #4 also has Blinebry recompletion potential and lies 200' structurally updip to the #12 and from a water risk standpoint would be more attractive; however, it is P&A'd and will require 5 cement plugs to be drilled out just to get back down to the Blinebry to test it. A Blinebry recommendation is forthcoming on it but, due to the cost exposure, I recommend we proceed with the #12 workover first.

Scott Ingram X7212 2/15/2011

