District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

[1] Operator Name and Address	[2] OGRID Number 241333
CHEVRON MIDCONTINENT, L.P. 15 SMITH ROAD, MIDLAND, TEXAS 79705	[3] API Number 30 – 025-28818

[3] Property Code	[5] Property Name	[6] Well No.
302758	GENERAL G STATE	2

[9] Proposed Pool 1	[10] Proposed Pool 2
EUNICE MONUMENT GRAYBURG SAN ANDRES	

[7] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	20-S	37-E		330	NORTH	450	WEST	LEA

[8] Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
P	OIL		STATE	3527' GL
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
NO	5805'	GRAYBURG		

Depth to Groundwater	Distance from nearest fresh water well	Distance from nearest surface water

Pit: Liner: Synthetic ☐ _____mils thick Clay ☐ Pit Volume:_____bbls

Drilling Method:

Closed-Loop System ☐ *****

Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
NO CHANGE					

[22] Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

CHEVRON MIDCONTINENT, L.P. INTENDS TO RECOMPLETE THE SUBJECT WELL FROM THE EUMONT YATES 7 RIVERS QUEEN TO THE EUNICE MONUMENT GRAYBURG FIELD AND POOL.

***** A PIT WILL NOT BE USED FOR THIS PLUGBACK. A STEEL FRAC TANK WILL BE UTILIZED.

THE INTENDED PROCEDURE, CURRENT AND PROPOSED WELLBORE DIAGRAMS, AND TUBING LANING DETAILS ARE ATTACHED FOR YOUR APPROVAL.

Permit Expires 1 Year From Approval Date Unless ~~Drilling~~ Underway Plugback

[23] 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 ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.**

Printed name: DENISE PINKERTON Denise Pinkerton

Title: REGULATORY SPECIALIST

E-mail Address: leakejd@chevron.com

Date: 9-19-2006 Phone: 432-687-7375

OIL CONSERVATION DIVISION

Approved by: Gary W. Wink

Title: OC FIELD REPRESENTATIVE II/STAFF MANAGER

Approval Date: SEP 26 2006 Expiration Date:

Conditions of Approval Attached ☐

General G State #2 9/18/2006
API #30-025-28818
330' FNL & 450' FWL
S16, T20S, R37E, Unit D
Eunice Monument GRB/SA
Lea County, New Mexico

PROCEDURE

Use 8.6 ppg brine water.

1. ***This procedure is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland well files and computer databases as of 9/8/2006. Verify what is in the hole with the wellfile in the Eunice NM office. Discuss w/ WEO Engineer, Workover Rep, OS, ALS, and pumper prior to RU regarding any unknown issues pertaining to this well.***

2. Displace flowline w/ fresh water. Have Field Specialist close valve at header. Pressure test line according to type. All polypipe (SDR7 and SDR11) will be tested to 100 psi. All steel lines will be tested to 500 psi. If a leak is found, contact Donnie Ives for repair/replacement. If tests good, bleed off pressure and open valve at header. Document this process in the morning report.

3. MIRU Key PU & RU. LD rods & pump (see Tbg Detail). NDWH. Install BOP's & EPA equipment. Test BOP when possible. Release TAC and POOH w/ 2-3/8" tbg. LD and send in rods and tbg for inspection.

4. RIH w/ 4-3/4" bit on 2-7/8" WS to 5000'. POOH.

5. RIH w/ 5-1/2" pkr w/ bypass on 2-7/8" WS to 3250'. Set pkr and test casing to 500 psi. Release pkr and PU to +/- 3000'. Set pkr and load and test BS to 500 psi. Establish injection rate into Eumont perfs. Spot 75 sxs of class C cement (or SLB recommendation) below pkr. Open bypass and reverse circulate clean. Close bypass. Squeeze Eumont perfs to 2000 psi.

6. Release Pkr and POOH. RIH w/ 4-3/4" bit on WS to TOC. Drill out cement to 3600'. Test squeeze to 500 psi. POOH w/ bit.

7. MIRU WL. Run GR/CBL/CCL log from 5000' to 100' above cement top tied back to Schlumberger Compensated Neutron Gamma Ray Log dated 10/18/1984. Check cement bond quality across completion interval. If cement bond does not look adequate, discuss squeezing options with engineer.

8. Perforate the following intervals with 3-1/8" slick guns loaded w/ 4 JSPF, 120 degree phasing and 23 gram charges tied back to Schlumberger Compensated Neutron Gamma Ray Log dated 10/18/1984 using GR to get on depth. RD Baker Atlas WL.

Top Perf	Bottom Perf	Net Feet	Total Holes
3904	3914	10	40
3859	3867	8	32
3841	3848	7	28
3830	3835	5	20
3821	3825	4	16
3796	3804	8	32
3758	3761	3	12
3742	3750	8	32
3718	3728	10	40
3702	3710	8	32
3684	3694	10	40
3674	3680	6	24
3663	3670	7	28
3648	3654	6	24
3633	3643	10	40
3602	3612	10	40
3586	3594	8	32
3576	3580	4	16
3571	3575	4	16
3560	3568	8	32
3549	3557	8	32
3539	3544	5	20
3528	3532	4	16
3509	3513	4	16

9. RIH w/ 5-1/2" PPI packer w/ SCV and 12' element spacing. Test 2-7/8" WS to 5000 psi while RIH. Test PPI packer in blank pipe. Mark settings.

10. MIRU DS. Acidize perfs w/ 4,800 gals 15% NEFE HCl acid at a max rate of ½ BPM & 4000 psi surface pressure as follows:

Perfs	Acid Volume	Max Rate	PPI Setting
3904-3914	200 gals	1/2 bpm	3903-3915
3859-3867	200 gals	1/2 bpm	3857-3869
3841-3848	200 gals	1/2 bpm	3839-3851
3830-3835	200 gals	1/2 bpm	3827-3839
3821-3825	200 gals	1/2 bpm	3816-3828
3796-3804	200 gals	1/2 bpm	3794-3806
3758-3761	200 gals	1/2 bpm	3754-3766
3742-3750	200 gals	1/2 bpm	3740-3752
3718-3728	200 gals	1/2 bpm	3717-3729
3702-3710	200 gals	1/2 bpm	3700-3712
3684-3694	200 gals	1/2 bpm	3683-3695
3674-3680	200 gals	1/2 bpm	3671-3683
3663-3670	200 gals	1/2 bpm	3660-3672
3648-3654	200 gals	1/2 bpm	3645-3657
3633-3643	200 gals	1/2 bpm	3632-3644
3602-3612	200 gals	1/2 bpm	3601-3613
3586-3594	200 gals	1/2 bpm	3584-3596

3576-3580	200 gals	1/2 bpm	3572-3584
3571-3575	200 gals	1/2 bpm	3570-3582
3560-3568	200 gals	1/2 bpm	3558-3570
3549-3557	200 gals	1/2 bpm	3547-3559
3539-3544	200 gals	1/2 bpm	3536-3548
3528-3532	200 gals	1/2 bpm	3524-3536
3509-3513	200 gals	1/2 bpm	3505-3517

Displace acid w/ 8.6# brine to 3509'. Record ISIP, 5, and 10 SIP. RD DS. **If communication occurs during treatment, move to next stage and combine stage volumes.**

11. SI well for 2 hrs for acid to spend. Release PPI & PU above top perf. RU swab and swab back load before SION if possible. Record volumes, pressures, & fluid levels. Discuss results with Engineering. If excessive water is produced, selectively swab perf intervals as discussed w/ engineer.

12. POOH w/ PPI and LD. RIH w/ 5-1/2" frac pkr, on/off tool and profile, 8 jnts of 3-1/2" frac string, and second 5-1/2" pkr on 3-1/2" frac string testing to 8,500 psi (straddle over Eumont squeeze perfs). Set bottom Pkr @ 3475'. Install frac head. Pressure test BS to 500 psi. Hold 500 psi on BS during frac job and observe for communication.

13. MI & RU DS Services. Frac well down 3 ½" frac string at **40 BPM** with 88,000 gals of YF125ST, 176,000 lbs. 16/30 mesh Jordan Sand, and 30,000 lbs **resin-coated** 16/30 mesh CR1630 proppant. Tag frac using two isotopes (1st in main sand stages, and 2nd in resin coat stage). Observe a maximum surface treating pressure of **8500 psi**. Pump job as follows:

Pump 2,000 gals 2% KCL water containing 55 gals Baker RE 4777-SCW Scale Inhibitor
Pump 1,000 gals 2% KCL water spacer at **20 BPM**
Pump 14,000 gals YF125ST pad containing 5 GPT J451 Fluid Loss Additive at **40 BPM**
Pump 14,000 gals YF125ST containing 0.5 PPG 16/30 mesh Jordan Sand & 5 GPT J451 FL Additive
Pump 12,000 gals YF125ST containing 1.5 PPG 16/30 mesh Jordan Sand
Pump 12,000 gals YF125ST containing 2.5 PPG 16/30 mesh Jordan Sand
Pump 14,000 gals YF125ST containing 3.5 PPG 16/30 mesh Jordan Sand
Pump 16,000 gals YF125ST containing 4.5 PPG 16/30 mesh Jordan Sand
Pump 6,000 gals YF125ST containing 5 PPG **resin-coated** 16/30 mesh CR1630 proppant.

Flush to 3509' with WF125. **Do not overflush.** Shut well in. Record ISIP, 5, 10, and 15 minute SI tbg pressures. SWI. RD & Release DS Services. **Leave well SI overnight for resin to heal.**

14. Open well and bleed off any pressure. Release packers and POOH. RIH w/ 4-3/4" bit to 4000'. POOH & LD bit. RIH w/ 5-1/2" pkr w/ on/off tool and profile. Set pkr @ +/- 3480'. RU swab and swab well checking for sand inflow. Discuss results w/ engineer. RD swab.

15. MIRU Logging Truck and conduct after Frac Log across completion interval. RD Logging truck.

16. MIRU pump truck. Pump down tbg w/ 50 bbls 8.6 PPG cut brine water containing 110 gals Baker RE-4777 Scale Inhibitor followed by 200 bbls 8.6 PPG cut brine water @ 5 BPM & 2500 psi max pressure. RD pump truck. POOH & LD WS & PPI pkr.

17. RIH w/ 2-7/8" production tbg & hang off as per ALS recommendation. NDBOP NUWH. RIH w/ rods and pump as per ALS.

18. RD Key PU & RU. Turn well over to production. Contact Lease Operator and inform them that the well is ready for operation.

Engineer - Keith Lopez
432-687-7120 Office
432-631-3281 Cell
432-661-6156 Home

Well: **General G State #2**

Field: Yate 7 Rivers Queen **Reservoir: Eumont**

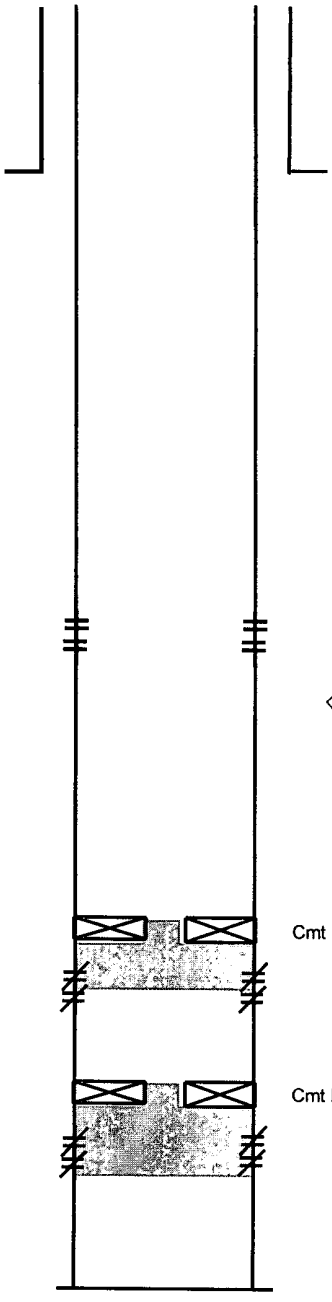
Location: 330'FNL 450'FWL

Unit:	D
Section:	16
Township:	20S
Range:	37E
County:	LEA, NM.

Elevations:

GL:	3527'
DF:	
KB:	

Current
Wellbore Diagram



Well ID Info:

Refno:	**FW4044**
API No:	3002528818
L5/L6:	
Spud Date:	
ComplDate:	

Surf. Csg:

Size	5-5/8"
Weight	24#
Set: @	360'
With:	300sx
Hole Size:	
Circ:	Yes
TOC @	Surface

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland well files and computer databases as of the update date below. Verify what is in the hole with the wellfile in the Eunice NM office. Discuss w/WEO Engineer, WO Rep, OS, ALS, and FS prior to RU regarding any unknown issues pertaining to this well.

Eumont Perfs

Perfs:	**Status**
3297-3446	Open

Paddock Perfs

Perfs:	**Status**
5078-5227	cmt squeezed

Blinebry Perfs

Perfs:	**Status**
5732-5761	cmt squeezed

Cmt Retainer @ 5000'

Cmt Retainer @5700'

Prod. Csg:

Size	5-1/2"
Weight	14#
Set @	5805'
With:	2500sx
Hole Size:	
Circ:	Yes
TOC @	Surface

PBTD: 5,800 '
TD: 5,805 '

Updated: 7-Sep-06
By: LOPK

23000

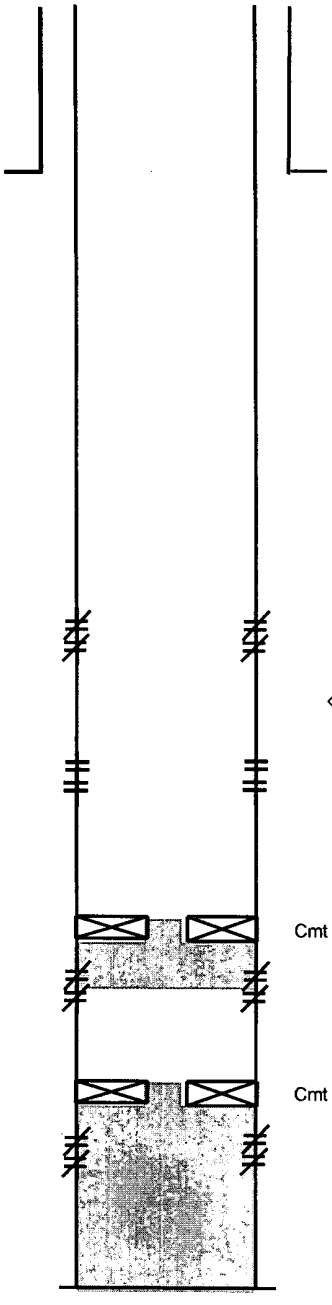
Well: **General G State #2**

Field: Eunice Monument GB/ **Reservoir:** **Grayburg**

Location: 330'FNL 450'FWL
Unit: D
Section: 16
Township: 20S
Range: 37E
County: LEA, NM.

Elevations:
GL: 3527'
DF:
KB:

Proposed
Wellbore Diagram



Well ID Info:
Refno: **FW4044**
API No: 3002528818
L5/L6:
Spud Date:
ComplDate:

Surf. Csg:
Size 5-5/8"
Weight 24#
Set: @ 360'
With: 300sx
Hole Size:
Circ: Yes
TOC @ Surface

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland well files and computer databases as of the update date below. Verify what is in the hole with the wellfile in the Eunice NM office. Discuss w/ WEO Engineer, WO Rep, OS, ALS, and FS prior to RU regarding any unknown issues pertaining to this well.

Eumont Perfs
Perfs: **Status**
3297-3446 cmt squeezed

Grayburg Perfs
Perfs: **Status**
3509-3848 Open

Paddock Perfs
Perfs: **Status**
5078-5227 cmt squeezed

Blinebry Perfs
Perfs: **Status**
5732-5761 cmt squeezed

PBTD: 5,800 '
TD: 5,805 '

Prod. Csg:
Size 5-1/2"
Weight 14#
Set @ 5805'
With: 2500sx
Hole Size:
Circ: Yes
TOC @ Surface

Updated: 7-Sep-06
By: LOPK

Tubing Landing Details

Tubing Detail							Physical Inventory								
Jts.	Description	Ref. #	O.D.	I.D.	Length	Depth	Ref. #	To Location	Cond.	Rec. Doc.	Installed in Well	Cond.	Balance	Cond.	ELP - 400
	Original KB to Tubing Head Flange				11.00	0.00									
10	2 3/8 4.70 J-55 8rd. NEW				312.96	11.00									
96	2 3/8 4.70 J-55 8rd. NEW				2911.65	323.96									
1	Tac 2 3/8 x 5.5				2.75	3235.61									
9	2 3/8 4.70 J-55 8rd.				269.80	3238.36									
1	SS BLAST JT				30.00	3508.16									
1	2 3/8 SN				1.10	3538.16									
						3539.26									
	CSG 5.5"														
	Rod Detail						CASING/LINER CEMENT DETAILS:								
1	1 1/4 PR w/ 1 1/2 Liner X 12'				22.00	22.00		CEMENT CO.:			CMT PMP RATES:		EST. TOC:		
1	3/4"x 2'				2.00	24.00		RETURNS ON JOB?			HOLE SIZE:		CSG RECIPROCATED:		
140	3/4" Grade KD rods				3500.00	3524.00		SPACER TYPE & VOL.			PLUG BUMPED?				
1	3/4"x 4'				4.00	3528.00		CASING SET @ TVD:			SPACER TYPE & VOL:				
1	20-125-RHBC-16-4 PRU-44 11/22/02				16.00	3544.00		CEMENT	SACKS	TYPE	ADDITIVES	YIELD	PMP TIME	COMP STR @12	WL	WT PPG
								LEAD:								
								TAIL:								
								REMARKS:								

Details:	String: SINGLE	WBS:		Page:	1 OF 1
Rep: Felix Trevino	Field: EUMONT YATES 7 RVRS QUEEN	Lease: General G State	Well #: 02	Date:	11/9/2001

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1625 N. French Dr., Hobbs, NM 88240
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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

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-28818	23000	EUNICE MONUMENT GRAYBURG

[4] Property Code	[5] Property Name	[6] Well Number
302758	GENERAL G STATE	2

[7] OGRID No.	[8] Operator Name	[9] Elevation
241333	CHEVRON MIDCONTINENT, L.P.	3527' GL

[10] Surface Location

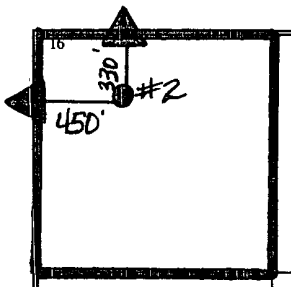
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	20-S	37-E		330	NORTH	450	WEST	LEA

[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order 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.



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein 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 heretofore entered by the division.

Denise Pinkerton 9-19-2006
Signature Date

DENISE PINKERTON REGULATORY SPECIALIST
Printed Name

[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.

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number