

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., 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 and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.  
30-039-27742

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
E-29028

7. Lease Name or Unit Agreement Name  
RINCON UNIT

8. Well Number #407

9. OGRID Number  
189071

10. Pool name or Wildcat  
BASIN DAKOTA/BLANCO MESAVERDE

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator  
Chevron MidContinent, L.P.

3. Address of Operator  
P.O. Box 36366, Houston, TX 77236

4. Well Location

Unit Letter A : 850' feet from the NORTH line and 845' feet from the EAST line  
Section 16 Township T27N Range R6W NMPM RIO ARRIBA County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
6647'

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: \_\_\_\_\_ ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: \_\_\_\_\_ ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Chevron MidContinent, L.P. reports that we have changed our drilling program for the above mentioned location. Please see the attached drilling program for your use and review. Should you have any questions or require any additional information, please feel free to contact us at anytime.

RCVD JUL 26 '07

OIL CONS. DIV.  
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Jennifer Hudgens TITLE REGULATORY TECHICIAN DATE 7-25-2007  
Type or print name Jennifer Hudgens E-mail address: jho@chevron.com Telephone No: 281-561-3599

For State Use Only

Deputy Oil & Gas Inspector,  
District #3

APPROVED BY: H. Villanueva  
Conditions of Approval (if any):

TITLE \_\_\_\_\_ DATE JUL 26 2007

Rincon Unit #407 MV/DK  
850 FNL 845 FEL,  
Sec 16, T27N R6W  
Rio Arriba County, NM

## **EIGHT POINT DRILLING PLAN**

### **1. ESTIMATED FORMATION TOPS (KB):**

Formation	Depth (ft)
Ojo Alamo	2411
Kirtland	2813
Fruitland Coal	3095
Picture Cliffs	3323
Lewis	3403
Mesa Verde (Cliff House)	4979
Mesa Verde (Menefee)	5119
Mesa Verde (Point Lookout)	5513
Mancos	5962
Gallup	6692
Greenhorn	7446
Graneros	7533
Dakota	7651
Burro Canyon	7794
TD (4 ½")	7750

### **2. NOTABLE ZONES AND PLAN FOR PROTECTION:**

Gas or Oil Zones	Water Zones	Coal Zones
Fruitland		Fruitland Coal
Pictured Cliffs	Ojo Alamo	
	Kirtland	
Cliffhouse		
Menefee		
Point Lookout		
Dakota		

**Water zones will be protected with casing, cement, and weighted mud. Fresh water found while drilling will be recorded. Oil or gas shows will be tested for commercial potential based on the engineer's recommendations.**

### **3. PRESSURE CONTROL EQUIPMENT:**

Maximum anticipated pressure is ~ 2700 psi.

Pressure control equipment shall be in accordance with BLM minimum standards.

One 11" 3M double ram preventer and one 11" 3M annular preventer will be used. The double ram preventer will be equipped with pipe rams on bottom and

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blind rams on top. All BOPs meet API 16D. One Shaffer 7 station accumulator, API 16E. One 3" 5M choke manifold. The choke and kill lines will be connected to outlets below the bottom rams, utilizing either the ram body outlet or a drilling spool with side outlets. Tests will be recorded on IADC log. Please refer to attached schematic. Test procedure and frequency shall be in accordance with BLM minimum standards for 3000 psi equipment, per BLM Oil & Gas Order #2.

**4. SUPPLEMENTAL DRILLING EQUIPMENT AND CASING INFORMATION:**

**Casing Information:** All casing will be new pipe and tested to 1500 psi.

Hole Size	O.D.	Weight (lb/ft)	Grade	Age	Connection	GL Setting Depth
12-1/4"	9-5/8"	36#	J-55	New	LTC	400' ✓
8-3/4"	7"	20#	J-55	New	LTC	2900' ✓
6-1/4"	4-1/2"	11.6#	N-80	New	LTC	7750'

\*Centralizers will be placed on the bottom three joints and every fourth joint thereafter.

**Surface casing** will be cemented to the surface with ~258 cu. ft. (~215 sx) Premium cmt (1.2 ft<sup>3</sup>/sx yield, 15.6 ppg, & 5.2 gps) with 2% CaCl<sub>2</sub> and 1/4#/sx Poly-E-Flake. Volume based on 100% excess. We plan to run a minimum of at least 3 centralizers. A wiper plug will be displaced to within 20' of the shoe. WOC = 8 hours minimum. Surface casing will be tested to 500 psi for 15 minutes.

**Intermediate casing** will be cemented to surface with a single stage. Total cement = 745 cu. ft.. Volumes are calculated at 75% excess. If cement does not circulate to surface, then a temperature survey will be run to determine the actual cement top as needed. WOC = 8 hours minimum. Test to 1000 psi for 15 minutes.

Lead cement will be ~619cu. ft. (~328 sx) Premium Light w/ 5#/sx gilsonite, 12.4 ppg for a yield of 1.89 cu. ft. per sx.

Tail cement will be ~126 cu. ft. (~95 sx) 50/50 Poz Premium w/ 5#/sx gilsonite & 1/4#/sx Poly-E-Flake, 13.5 ppg for a yield of 1.32 Cu. ft. per sx.

Cementing equipment will include a guide shoe, and float collar will be run 20' off bottom. We plan on running at least 10 centralizers.

**Production casing** will be cemented up to 500' inside the intermediate casing with a single stage. Total cement = 1916 cu. ft.. Volumes are calculated at

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75% excess. If necessary, a CBL will be run during completion operations to insure cement coverage inside the 7" intermediate casing. Casing will be pressure tested to 6000 psi during completion operations.

Cement will be ~954 cu. ft. (~729 sx) 50/50 Poz Premium w/ 1/4#/sx Poly-E-Flake, 0.4% Halad ®-9, 0.1% HR-5, 13.5 ppg for a yield of 1.32 Cu. ft. per sx.

Cementing equipment will include a guide shoe, and float collar will be run 20' off bottom with a centralized shoe joint and next five joints. Centralizers will be run across the producing zones.

**5. CIRCULATING MEDIUM AND MUD TYPE:**

Depth	Type	Wt./ppg	Viscosity	Fluid Loss	pH
Spud – 400'	WBM	8.4 – 8.8	32 – 38	NC	9-9.5
400' – 2900'	WBM	8.4 – 9.0	28 – 42	10-12	9-10
2900' – TD	Air &/or Air/mist	n/a	n/a	n/a	n/a

Lost circulation and absorption material will be on location.

**6. ANTICIPATED TYPE AND AMOUNT OF LOGGING, CORING, AND TESTING:**

Open hole logs are planned. No cores or drill stem tests are planned.

**7. EXPECTED BOTTOM HOLE PRESSURE AND ANY ANTICIPATED ABNORMAL PRESSURE, TEMPERATURES, OR OTHER HAZARDS (H<sub>2</sub>S, STEAM, ETC.) AND ASSOCIATED CONTINGENCY PLANS:**

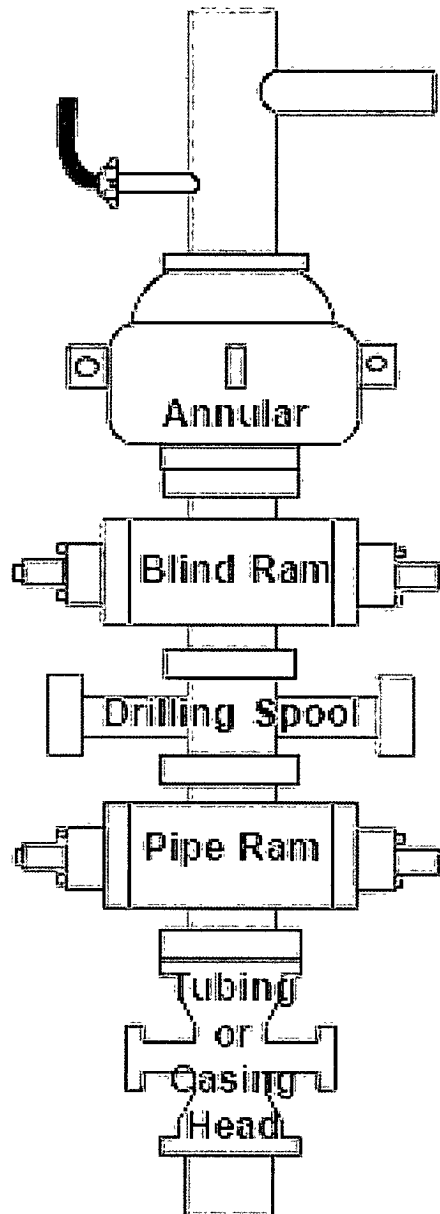
No abnormal pressures, temperatures, nor hydrogen sulfide are expected. Maximum pressure will be less than ~2700 psi.

**8. OTHER:**

It is expected it will take approximately ten (10) days to drill and ten (10) days to complete the well. Completion will start approximately one month after the spud and will include hydraulic fracturing.

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**CLASS III BOP SCHEMATIC**



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**CLASS III CHOKE SCHEMATIC**

