

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) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico
Energy, Minerals and Natural
Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505**

Form C-101
Revised July 18, 2013

Permit 189384

OIL CONS. DIV DIST. 3

JUL 18 2014

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

| | | |
|---|--|-------------------------------|
| 1. Operator Name and Address CONOCOPHILLIPS COMPANY 3401 E. 30th Street Farmington, NM 87402 | | 2. OGRID Number 217817 |
| 4. Property Code 31638 | | 3. API Number 30-045-35580 |
| 5. Property Name State Com M | | 6. Well No. 009C |

7. Surface Location

| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|----------|
| J | 36 | 32N | 11W | | 2507 | S | 1773 | E | SAN JUAN |

8. Proposed Bottom Hole Location

| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| | 0 | | | | 0 | N | 0 | E | |

9. Pool Information

| | |
|---------------------------------|-------|
| BLANCO-MESAVERDE (PRORATED GAS) | 72319 |
| BASIN DAKOTA (PRORATED GAS) | 71599 |

Additional Well Information

| | | | | |
|---------------------------|----------------------------|--|-------------------------|------------------------------------|
| 11. Work Type New Well | 12. Well Type GAS | 13. Cable/Rotary | 14. Lease Type State | 15. Ground Level Elevation 6218 |
| 16. Multiple Y | 17. Proposed Depth 7585 | 18. Formation Dakota Formation | 19. Contractor | 20. Spud Date |
| Depth to Ground water | | Distance from nearest fresh water well | | Distance to nearest surface water |

We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

| Type | Hole Size | Casing Size | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 12.25 | 9.625 | 32.3 | 200 | 112 | 0 |
| Int1 | 8.75 | 7 | 23 | 3332 | 751 | 0 |
| Prod | 6.25 | 4.5 | 11.6 | 7585 | 557 | 3232 |

Casing/Cement Program: Additional Comments

This is a Type #3 as indicated in the BR/COPC Master Drilling Plan. Cement volumes are indicated in cubic feet instead of sacks of cement. The C-144 and DHC (if applicable) will be submitted after the APD is approved. A copy of the Project Proposal and the C-102 plat will be sent today.

22. Proposed Blowout Prevention Program

| Type | Working Pressure | Test Pressure | Manufacturer |
|------------|------------------|---------------|--------------|
| Double Ram | 2000 | 2000 | SCHAFER |

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify I have complied with 19.15.14.9 (A) NMAC and/or 19.15.44.9 (B) NMAC , if applicable.

Signature: *Dollie L. Busse*
Printed Name: Dollie L. Busse
Title: Staff Regulatory Technician
Email Address: dollie.l.busse@cop.com
Date: 7-15-2014

OIL CONSERVATION DIVISION

Chal Herrin 7-28-2014
Approved By:
Title:
Approved Date:
Expiration Date:
Conditions of Approval Attached

RV

4 aw

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DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---|--|--|
| ¹ API Number 30-045- 35580 | ² Pool Code 72319 / 71599 | ³ Pool Name BLANCO MESA VERDE / BASIN DAKOTA |
| ⁴ Property Code 31638 | ⁵ Property Name STATE COM M | |
| ⁷ GRID No. 217817 | ⁶ Operator Name CONOCOPHILLIPS COMPANY | ⁸ Well Number 9C ⁹ Elevation 6218 |

¹⁰ Surface Location

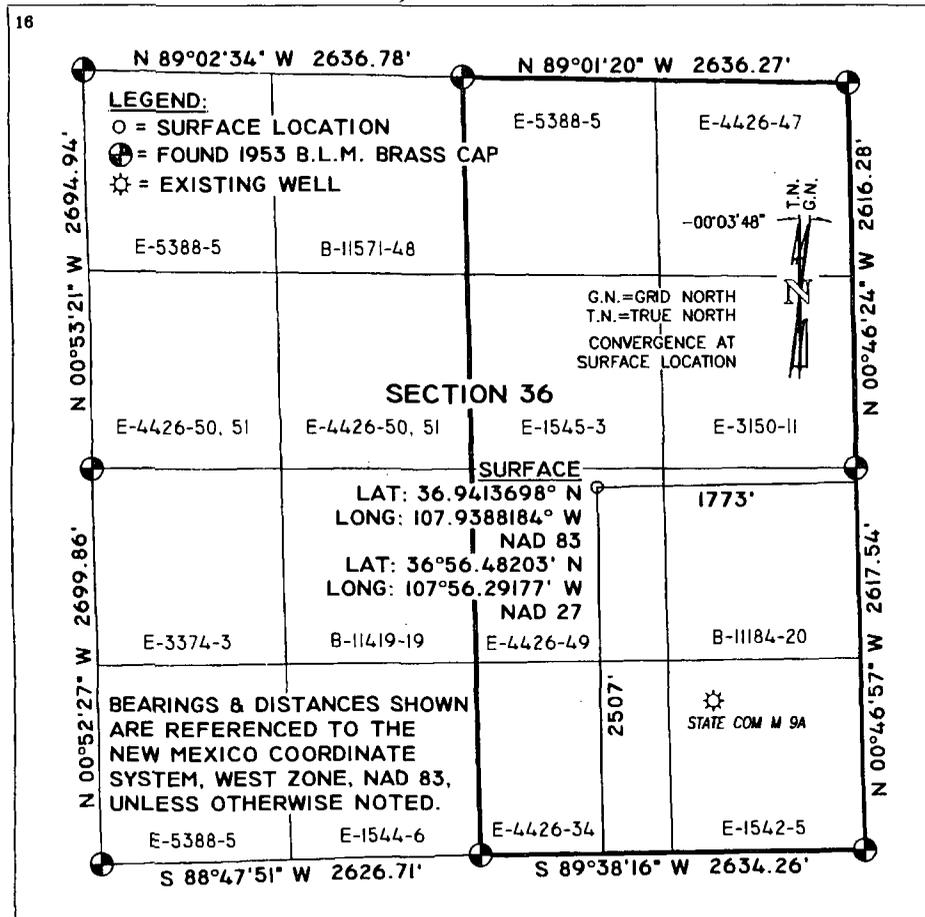
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| J | 36 | 32 N | 11 W | | 2507 | SOUTH | 1773 | EAST | SAN JUAN |

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 320 (SEC. 36) E/2 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. |
|--|-------------------------------|----------------------------------|-------------------------|

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.

Dollie L. Busse 7-18-14
Signature Date
Dollie L. Busse
Printed Name
dollie.l.busse@cop.com
E-mail Address

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.

05/02/2014
Date of Survey
Signature and Seal of Professional Surveyor
Marshall W. Linden
MARSHALL W. LINDEN
NEW MEXICO
17078
6-2-14
PROFESSIONAL SURVEYOR
17078
Certificate Number

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

STATE COM M 9C

DEVELOPMENT

| | | | | | | | |
|--|---------------------------------|-----------------------------|----------------|--------------------------|------------------|--------------------|---|
| Lease: | | AFE #: WAN.CDR.4006 | | | AFE \$: | | |
| Field Name: SAN JUAN | | Rig: 2014-2015 Rig Program | | State: NM | County: SAN JUAN | API #: | |
| Geologist: | | Phone: | | Geophysicist: | | Phone: | |
| Geoscientist: | | Phone: | | Prod. Engineer: | | Phone: | |
| Res. Engineer: | | Phone: | | Proj. Field Lead: | | Phone: | |
| Primary Objective (Zones): | | | | | | | |
| Zone | Zone Name | | | | | | |
| RON | BLANCO MESAVERDE (PRORATED GAS) | | | | | | |
| FRR | BASIN DAKOTA (PRORATED GAS) | | | | | | |
| Location: Surface Datum Code: NAD 27 Straight Hole | | | | | | | |
| Latitude: 36.941367 | Longitude: -107.938196 | X: | Y: | Section: 36 | Range: 011W | | |
| Footage X: 1773 FEL | Footage Y: 2507 FSL | Elevation: 6218 (FT) | Township: 032N | | | | |
| Tolerance: | | | | | | | |
| Location Type: Year Round | | Start Date (Est.): 1/1/2015 | | Completion Date: | | Date In Operation: | |
| Formation Data: Assume KB = 6233 Units = FT | | | | | | | |
| Formation Call & Casing Points | Depth (TVD in Ft) | SS (Ft) | MD (Ft) | Depletion (Yes/No) | BHP (PSIG) | BHT | Remarks |
| NACIMIENTO | 0 | 6233 | | <input type="checkbox"/> | | | Surface geology |
| Surface Casing | 200 | 6033 | | <input type="checkbox"/> | | | 12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 112 cuft. Circulate cement to surface. |
| OJO ALAMO | 1206 | 5027 | | <input type="checkbox"/> | | | |
| KIRTLAND | 1302 | 4931 | | <input type="checkbox"/> | | | |
| FRUITLAND | 2375 | 3858 | | <input type="checkbox"/> | | | Possible Gas |
| PICTURED CLIFFS | 3010 | 3223 | | <input type="checkbox"/> | | 118 | |
| LEWIS | 3182 | 3051 | | <input type="checkbox"/> | | | |
| Intermediate Casing | 3332 | 2901 | | <input type="checkbox"/> | | | 8 3/4" Hole. 7", 23/20 ppf, J-55, LTC/STC Casing. Cement with 751 cuft. Circulate cement to surface. |
| HUERFANITO BENTONITE | 3678 | 2555 | | <input type="checkbox"/> | | | |
| CHACRA | 4098 | 2135 | | <input type="checkbox"/> | | | |
| UPPER CLIFF HOUSE | 4559 | 1674 | | <input type="checkbox"/> | | | Gas |
| MASSIVE CLIFF HOUSE | 4779 | 1454 | | <input type="checkbox"/> | 216 | | Gas |
| MENEFEE | 4881 | 1352 | | <input type="checkbox"/> | | | |
| POINT LOOKOUT | 5251 | 982 | | <input type="checkbox"/> | | | |
| MANCOS | 5590 | 643 | | <input type="checkbox"/> | | | |
| UPPER GALLUP | 6586 | -353 | | <input type="checkbox"/> | | | |
| GREENHORN | 7317 | -1084 | | <input type="checkbox"/> | | | |
| GRANEROS | 7350 | -1117 | | <input type="checkbox"/> | | | |
| TWO WELLS | 7405 | -1172 | | <input type="checkbox"/> | 2887 | | Gas |
| PAGUATE | 7474 | -1241 | | <input type="checkbox"/> | | | |
| CUBERO | 7493 | -1260 | | <input type="checkbox"/> | | | |
| ENCINAL | 7555 | -1322 | | <input type="checkbox"/> | | | TD ~30' below the top of Encinal. Est bottom perf 15' from TD. |
| Total Depth | 7585 | -1352 | | <input type="checkbox"/> | 218 | | 6-1/4" hole, 4-1/2" 11.6 ppf, N/L-80, LTC/BTC casing. Cement w/ 557 cuft. Circulate cement a minimum of 100' inside the previous casing string. |

PROJECT PROPOSAL - New Drill / Sidetrack

STATE COM M 9C

DEVELOPMENT

| Reference Wells: | | |
|------------------|-----------|----------|
| Reference Type | Well Name | Comments |
| | | |

Logging Program:

Intermediate Logs: Log only if show GR/ILD Triple Combo

TD Logs: Triple Combo Dipmeter RFT Sonic VSP TDT Other

Mud log from ~100' above the Upper Gallup to TD. Mud loggers will call final TD.

Additional Information:

| Log Type | Stage | From (Ft) | To (Ft) | Tool Type/Name | Remarks |
|----------|-------|-----------|---------|----------------|---------|
| | | | | | |