

RCVD APR 11 '08

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OIL CONS. DIV.

DIST. 3

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1a. Type of Work<br>DRILL                                                                                                                                                                                                                                   | 5. Lease Number<br>SF-079380                                                                                                                                                       |
| 1b. Type of Well<br>GAS                                                                                                                                                                                                                                     | Unit Reporting Number                                                                                                                                                              |
| 2. Operator<br>ConocoPhillips                                                                                                                                                                                                                               | 6. If Indian, All. or Tribe                                                                                                                                                        |
| 3. Address & Phone No. of Operator<br>PO Box 4289, Farmington, NM 87499<br>(505) 326-9700                                                                                                                                                                   | 7. Unit Agreement Name<br>San Juan 32-8 Unit                                                                                                                                       |
| 4. Location of Well<br>Surface: Unit F (SENW), 1834' FNL & 1593' FWL<br>Bottomhole: Unit G (SWNE), 1600' FNL & 1955' FEL<br>Surface: Latitude 36.971352778° N<br>Longitude 107.648338889° W<br>Bottomhole: Latitude 36.971858° N<br>Longitude 107.642786° W | 8. Farm or Lease Name<br>9. Well Number<br>#41A<br>10. Field, Pool, Wildcat<br>Basin DK/Blanco MV<br>11. Sec., Twn, Rge, Mer. (NMPM)<br>F Sec. 23, T32N, R8W<br>API # 30-045-34645 |
| 14. Distance in Miles from Nearest Town<br>41 miles/Bloomfield                                                                                                                                                                                              | 12. County<br>San Juan                                                                                                                                                             |
| 15. Distance from Proposed Location to Nearest Property or Lease Line<br>1593'                                                                                                                                                                              | 13. State<br>NM                                                                                                                                                                    |
| 16. Acres in Lease<br>1,760.00                                                                                                                                                                                                                              | 17. Acres Assigned to Well<br>320.00 (E/2)                                                                                                                                         |
| 18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease                                                                                                                                                              |                                                                                                                                                                                    |
| 19. Proposed Depth<br>8551'                                                                                                                                                                                                                                 | 20. Rotary or Cable Tools<br>Rotary                                                                                                                                                |
| 21. Elevations (DF, FT, GR, Etc.)<br>6961' GR                                                                                                                                                                                                               | 22. Approx. Date Work will Start                                                                                                                                                   |
| 23. Proposed Casing and Cementing Program<br>See Operations Plan attached                                                                                                                                                                                   | BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS    |
| 24. Authorized by: <u>Crystal Walker</u><br>Crystal Walker (Regulatory Technician)                                                                                                                                                                          |                                                                                                                                                                                    |

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

Archaeological Report attached

Threatened and Endangered Species Report attached

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

Example Master Plan Type 3

Bond Numbers ES-0048 and ES-0085

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS".

APR 14 2008

NMOCB

for Directional Survey  
and "As Drilled" plat

NOTIFY AZTEC OCD 24 HRS.  
PRIOR TO CASING & CEMENT

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3  
Hold City and appeal pursuant to 43 CFR 3165.4

## 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<br>30-045- <b>34645</b> | <sup>2</sup> Pool Code<br>72319/71599                | <sup>3</sup> Pool Name<br>BLANCO MESAVERDE / DAKOTA |
| <sup>4</sup> Property Code<br>31330             | <sup>5</sup> Property Name<br>SAN JUAN 32-8 UNIT     | <sup>6</sup> Well Number<br>41A                     |
| <sup>7</sup> OGRID No.<br>217817                | <sup>8</sup> Operator Name<br>CONOCOPHILLIPS COMPANY | <sup>9</sup> Elevation<br>6961                      |

<sup>10</sup> SURFACE LOCATION

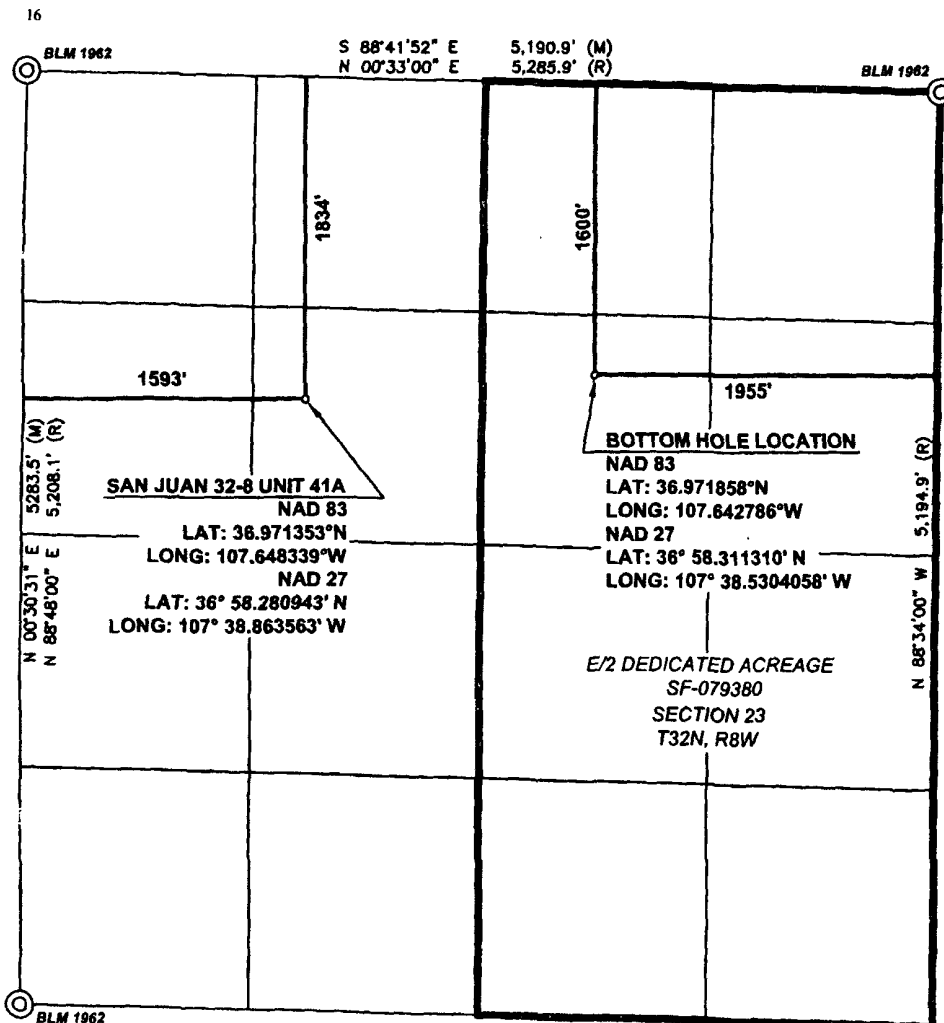
|                    |               |                 |              |         |                       |                           |                       |                        |                    |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|--------------------|
| UL or lot no.<br>F | Section<br>23 | Township<br>32N | Range<br>08W | Lot Idn | Feet from the<br>1834 | North/South line<br>NORTH | Feet from the<br>1593 | East/West line<br>WEST | County<br>SAN JUAN |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|--------------------|

<sup>11</sup> Bottom Hole Location If Different From Surface

|                    |               |                 |              |         |                       |                           |                       |                        |                    |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|--------------------|
| UL or lot no.<br>G | Section<br>23 | Township<br>32N | Range<br>08W | Lot Idn | Feet from the<br>1600 | North/South line<br>NORTH | Feet from the<br>1955 | East/West line<br>EAST | County<br>SAN JUAN |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|--------------------|

|                                              |                               |                                  |                         |
|----------------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>320.0 (E/2) | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> 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

<sup>17</sup> 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.

*Crystal Walker* 4/4/08  
Signature

Crystal Walker

Printed Name

Regulatory Technician

Title and E-mail Address

April 4th, 2008

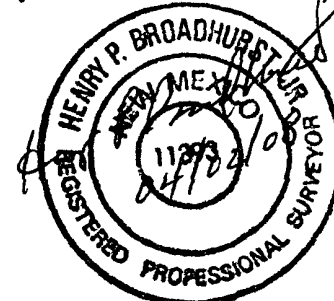
Date

<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

Date of Survey: 3/20/08

Signature and Seal of Professional Surveyor



Certificate Number: NM 11393

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

**OIL CONSERVATION DIVISION**

1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.

30-045 - 341645

5. Indicate Type of Lease

STATE ☒

FEE ☐

6 State Oil & Gas Lease No.

USA SF-079380

7. Lease Name or Unit Agreement Name

San Juan 32-8 Unit

8. Well Number

#41A

9 OGRID Number

217817

10. Pool name or Wildcat

Blanco Mesaverde/Basin Dakota/Albino Pictured Cliffs

**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

ConocoPhillips Company

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter F

:

1834'

feet from the

North

line and

1593'

feet from the

West

line

Section 23

:

Township

32N

Rng

8W

NMPM

County

San Juan

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

6961' GR

Pit or Below-grade Tank Application

☐ or Closure

Pit type New Drill

Depth to Groundwater

>100'

Distance from nearest fresh water well

>1000'

Distance from nearest surface water

<1000'

Pit Liner Thickness:

12

mil

Below-Grade Tank:

Volume 4400

bbls;

Construction Material

Synthetic

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

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐

CHANGE PLANS ☐

MULTIPLE COMPL ☐

OTHER:

New Drill

☒

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐

COMMENCE DRILLING OPNS ☐

CASING/CEMENT JOB ☐

ALTERING CASING ☐

P AND A ☐

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

New Drill, Lined:

ConocoPhillips proposes to construct a new drilling pit and an associated vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit will be a lined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCD office. A portion of the vent/flare pit will be designed to manage fluids and that portion will be lined as per the risk ranking criteria. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCD office.

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

Crystal Walker

TITLE

Regulatory Technician

DATE

4/4/2008

Type or print name

Crystal Walker

E-mail address:

crystal.walker@conocophillips.com

Telephone No.

505-326-9837

For State Use Only

APPROVED BY

[Signature]

TITLE

Deputy Oil & Gas Inspector,  
District #3

DATE

APR 14 2008

Conditions of Approval (if any):

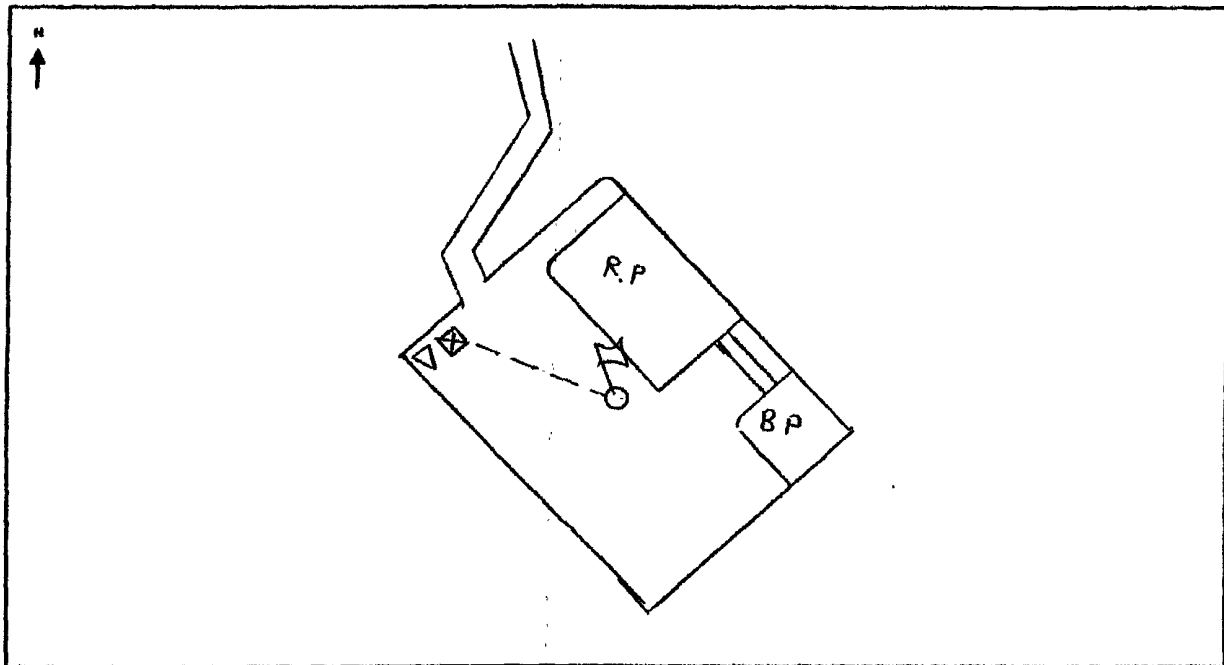


TECHNICAL SERVICES  
A CORROSION COMPANY

### CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME S.J. 32-8 # 41A LEGALS L-23-32-8 COUNTY San Juan

PURPOSED C.P. SYSYTEM: Drill G.B. and set solar at northwest corner of location. Trench  
approx 200' of #8 neg. cable from solar to wellhead.



| EXISTING WELLHEAD | METER HOUSE | G.B. | POWER SOURCE | CABLE | NEW WELL | OVERHEAD A.C. |
|-------------------|-------------|------|--------------|-------|----------|---------------|
|                   |             |      |              |       |          |               |

COMMENTS: \_\_\_\_\_

NEAREST POWER SOURCE N/A DISTANCE: \_\_\_\_\_

PIPELINES IN AREA: NA

TECHNICIAN: Michael Hargrave DATE: 8/31/06

8 CR 5412 BLOOMFIELD, N.M. 87413  
OFFICE: 505-634-0271 CELL: 505-793-6963

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 32-8 UNIT 41A

DEVELOPMENT

|                                             |                   |                             |                          |                                    |                  |                                                                                                         |             |
|---------------------------------------------|-------------------|-----------------------------|--------------------------|------------------------------------|------------------|---------------------------------------------------------------------------------------------------------|-------------|
| Lease:                                      |                   | AFE #: WAN.CNV.7128         |                          |                                    |                  | AFE \$:                                                                                                 |             |
| Field Name: 32-8                            |                   | Rig: Aztec Rig 673          |                          | State: NM                          | County: SAN JUAN |                                                                                                         | API #:      |
| Geologist:                                  |                   | Phone:                      |                          | Geophysicist:                      |                  | Phone:                                                                                                  |             |
| Geoscientist: Koerschner, Bill              |                   | Phone: +1 505-326-9770      |                          | Prod. Engineer:                    |                  | Phone:                                                                                                  |             |
| Res. Engineer: McKee, Corv J                |                   | Phone: 505-326-9826         |                          | Proj. Field Lead: Fransen, Eric E. |                  | Phone:                                                                                                  |             |
| <b>Primary Objective (Zones):</b>           |                   |                             |                          |                                    |                  |                                                                                                         |             |
| <b>Zone</b>                                 | <b>Zone Name</b>  |                             |                          |                                    |                  |                                                                                                         |             |
| R20002                                      | MESAVERDE(R20002) |                             |                          |                                    |                  |                                                                                                         |             |
| R20076                                      | DAKOTA(R20076)    |                             |                          |                                    |                  |                                                                                                         |             |
| <b>Location:</b>                            |                   |                             |                          |                                    |                  |                                                                                                         |             |
| Latitude: 36.971349                         |                   | Longitude: -107.647726      |                          | X:                                 | Y:               | Section: 23                                                                                             | Range: 008W |
| Footage X: 1593 FWL                         |                   | Footage Y: 1834 FNL         |                          | Elevation: 6961 (FT)               | Township: 032N   |                                                                                                         |             |
| Tolerance:                                  |                   |                             |                          |                                    |                  |                                                                                                         |             |
| <b>Location:</b>                            |                   |                             |                          |                                    |                  |                                                                                                         |             |
| Latitude: 36.971855                         |                   | Longitude: -107.641451      |                          | X:                                 | Y:               | Section: 23                                                                                             | Range: 008W |
| Footage X: 1955 FEL                         |                   | Footage Y: 1600 FNL         |                          | Elevation: 6890 (FT)               | Township: 032N   |                                                                                                         |             |
| Tolerance:                                  |                   |                             |                          |                                    |                  |                                                                                                         |             |
| Location Type: Restricted                   |                   | Start Date (Est.): 1/1/2009 |                          | Completion Date:                   |                  | Date In Operation:                                                                                      |             |
| Formation Data: Assume KB = 6976 Units = FT |                   |                             |                          |                                    |                  |                                                                                                         |             |
| Formation Call & Casing Points              | Depth (TVD in Ft) | SS (Ft)                     | Depletion (Yes/No)       | BHP (PSIG)                         | BHT              | Remarks                                                                                                 |             |
| Surface Casing                              | 320               | 6656                        | <input type="checkbox"/> |                                    |                  | 12-1/4 hole. 9-5/8", 32.3 ppf, H-40, STC casing. Cement with 244 cubic ft. Circulate cement to surface. |             |
| OJO ALAMO                                   | 2486              | 4490                        | <input type="checkbox"/> |                                    |                  |                                                                                                         |             |
| KIRTLAND                                    | 2636              | 4340                        | <input type="checkbox"/> |                                    |                  |                                                                                                         |             |
| FRUITLAND                                   | 3466              | 3510                        | <input type="checkbox"/> |                                    |                  | Possible Gas                                                                                            |             |
| PICTURED CLIFFS                             | 3854              | 3122                        | <input type="checkbox"/> |                                    |                  |                                                                                                         |             |
| LEWIS                                       | 4046              | 2930                        | <input type="checkbox"/> |                                    |                  |                                                                                                         |             |
| HUERFANITO BENTONITE                        | 4661              | 2315                        | <input type="checkbox"/> |                                    |                  |                                                                                                         |             |
| Intermediate Casing                         | 5000              | 1976                        | <input type="checkbox"/> |                                    |                  | 8-3/4" hole. 7", 23 ppf, L-80, LTC casing. Cement with 1195 cubic ft. Circulate cement to surface.      |             |
| CHACRA                                      | 5101              | 1875                        | <input type="checkbox"/> |                                    |                  |                                                                                                         |             |
| UPPER CLIFF HOUSE                           | 5885              | 1091                        | <input type="checkbox"/> |                                    |                  | Gas                                                                                                     |             |
| MASSIVE CLIFF HOUSE                         | 5901              | 1075                        | <input type="checkbox"/> | 1200                               |                  | Gas                                                                                                     |             |
| MENEFEE                                     | 5936              | 1040                        | <input type="checkbox"/> |                                    |                  |                                                                                                         |             |
| POINT LOOKOUT                               | 6176              | 800                         | <input type="checkbox"/> |                                    |                  |                                                                                                         |             |
| MANCOS                                      | 6613              | 363                         | <input type="checkbox"/> |                                    |                  |                                                                                                         |             |
| GALLUP                                      | 7510              | -534                        | <input type="checkbox"/> |                                    |                  |                                                                                                         |             |
| GREENHORN                                   | 8243              | -1267                       | <input type="checkbox"/> |                                    |                  |                                                                                                         |             |
| GRANEROS                                    | 8281              | -1305                       | <input type="checkbox"/> |                                    |                  |                                                                                                         |             |
| PAGUATE                                     | 8399              | -1423                       | <input type="checkbox"/> | 1250                               |                  |                                                                                                         |             |
| CUBERO                                      | 8406              | -1430                       | <input type="checkbox"/> |                                    |                  |                                                                                                         |             |
| LOWER CUBERO                                | 8442              | -1466                       | <input type="checkbox"/> |                                    |                  |                                                                                                         |             |
| ENCINAL                                     | 8512              | -1536                       | <input type="checkbox"/> |                                    |                  | TD T/ENCN + 40'                                                                                         |             |

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 32-8 UNIT 41A

DEVELOPMENT

|             |      |       |                          |                                                                                                                                                  |
|-------------|------|-------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Total Depth | 8552 | -1576 | <input type="checkbox"/> | 6-1/4" hole. 4-1/2", 11.6 ppf, L-80, LTC casing. Cement with 486 cubic ft. Circulate cement a minimum of 100' inside the previous casing string. |
|-------------|------|-------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|

| Reference Wells: |                         |                   |
|------------------|-------------------------|-------------------|
| Reference Type   | Well Name               | Comments          |
| Production       | SAN JUAN 32-8 UNIT 254A | 32N-8W23 NW SE NW |
| Production       | WILMER CANYON 1         | 32N-8W24 NE SW SW |
| Production       | SAN JUAN 32-8 UNIT 41   | 32N-8W23 NW SE NW |
| Production       | SAN JUAN 32-8 UNIT 37   | 32N-8W23 SW NE SE |

| Logging Program:                                                                                          |                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Intermediate Logs:                                                                                        | <input type="checkbox"/> Log only if show <input checked="" type="checkbox"/> GR/ILD <input checked="" type="checkbox"/> Triple Combo <input checked="" type="checkbox"/> Other                                                                    |
| Open hole logs required at intermediate TD - Platform Express at min. footage w/ GR/Induction to surface. |                                                                                                                                                                                                                                                    |
| TD Logs:                                                                                                  | <input type="checkbox"/> Triple Combo <input type="checkbox"/> Dipmeter <input type="checkbox"/> RFT <input type="checkbox"/> Sonic <input type="checkbox"/> VSP <input checked="" type="checkbox"/> TDT <input checked="" type="checkbox"/> Other |
| Cased Hole GR / CBL                                                                                       |                                                                                                                                                                                                                                                    |
| Mudlog from 100' above Greenhorn to TD - mudlogger will call TD                                           |                                                                                                                                                                                                                                                    |

| Additional Information: |       |           |         |                |                                                                                                           |
|-------------------------|-------|-----------|---------|----------------|-----------------------------------------------------------------------------------------------------------|
| Log Type                | Stage | From (Ft) | To (Ft) | Tool Type/Name | Remarks                                                                                                   |
|                         |       |           |         |                | Open hole logs required at intermediate TD - Platform Express at min. footage w/ GR/Induction to surface. |

Comments:

# ConocoPhillips or its affiliates

## Planning Report

|                         |                                   |                                     |                                      |
|-------------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b>        | EDM Central Planning              | <b>Local Co-ordinate Reference:</b> | Well SJ 32-8 #41A                    |
| <b>Company:</b>         | ConocoPhillips SJB                | <b>TVD Reference:</b>               | WELL @ 6976 0ft (Original Well Elev) |
| <b>Project:</b>         | San Juan Basin - New Mexico Wells | <b>MD Reference:</b>                | WELL @ 6976 0ft (Original Well Elev) |
| <b>Site:</b>            | Directional Wells                 | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>            | SJ 32-8 #41A                      | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore Design:</b> | Planned                           |                                     |                                      |

### Formations

| Measured Depth<br>(ft) | Vertical Depth<br>(ft) | Name               | Lithology | Dip<br>(°) | Dip Direction<br>(°) |
|------------------------|------------------------|--------------------|-----------|------------|----------------------|
| 2,613 8                | 2,486 0                | Ojo                |           | 0 00       |                      |
| 2,779 3                | 2,636 0                | Kirtland           |           | 0 00       |                      |
| 3,695 2                | 3,466 0                | Fruitland          |           | 0 00       |                      |
| 4,123 4                | 3,854 0                | Pictured Cliffs    |           | 0 00       |                      |
| 4,335 3                | 4,046 0                | Lewis              |           | 0 00       |                      |
| 4,989 8                | 4,661 0                | Huerfano Bentonite |           | 0 00       |                      |
| 5,431 6                | 5,101 0                | Chacra             |           | 0 00       |                      |
| 6,215 6                | 5,885 0                | Upper Cliff House  |           | 0 00       |                      |
| 6,231 6                | 5,901 0                | Mass Cliffhouse    |           | 0 00       |                      |
| 6,266 6                | 5,936 0                | Menefee            |           | 0 00       |                      |
| 6,506 6                | 6,176 0                | Point Lookout      |           | 0 00       |                      |
| 6,943 6                | 6,613 0                | Mancos             |           | 0 00       |                      |
| 7,840 6                | 7,510 0                | Upper Gallup       |           | 0 00       |                      |
| 8,573 6                | 8,243 0                | Greenhorn          |           | 0 00       |                      |
| 8,611 6                | 8,281 0                | Graneros           |           | 0 00       |                      |
| 8,729 6                | 8,399 0                | Paguate            |           | 0 00       |                      |
| 8,736 6                | 8,406 0                | Cubero             |           | 0 00       |                      |
| 8,842 6                | 8,512 0                | Encinal            |           | 0 00       |                      |



# CONOCOPHILLIPS COMPANY

SAN JUAN 32-8 UNIT #41A

1834 FNL, 1593 FWL

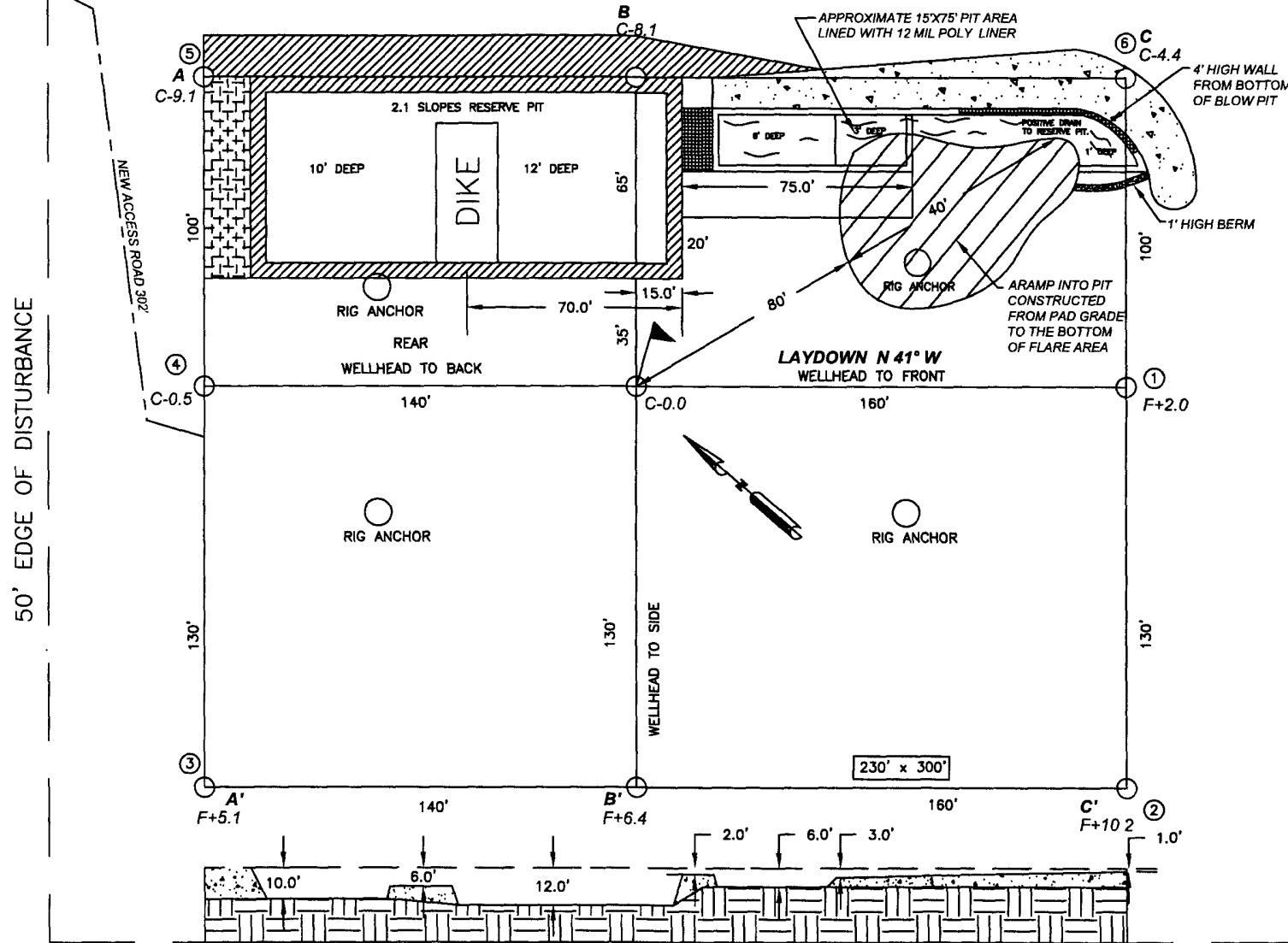
SECTION 23, T-32-N, R-8-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

GROUND ELEV.: 6961 NAVD88

DATE: MARCH 20, 2008

NEW ACCESS ROAD 302'



## PIT CROSS SECTION

NAD 83 LAT.: 36.971353° N / LONG.: 107.648339° W

NOTES:

1. RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW-3' WIDE AND 1' ABOVE SHALLOW SIDE).
2. C.C.I. SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

CCI

CHENAULT CONSULTING INC.

PO BOX 328  
BLOOMFIELD, NM, 87413  
PHONE (505) 325-7707

# CONOCOPHILLIPS COMPANY

SAN JUAN 32-8 UNIT #41A

1834' FNL, 1593' FWL

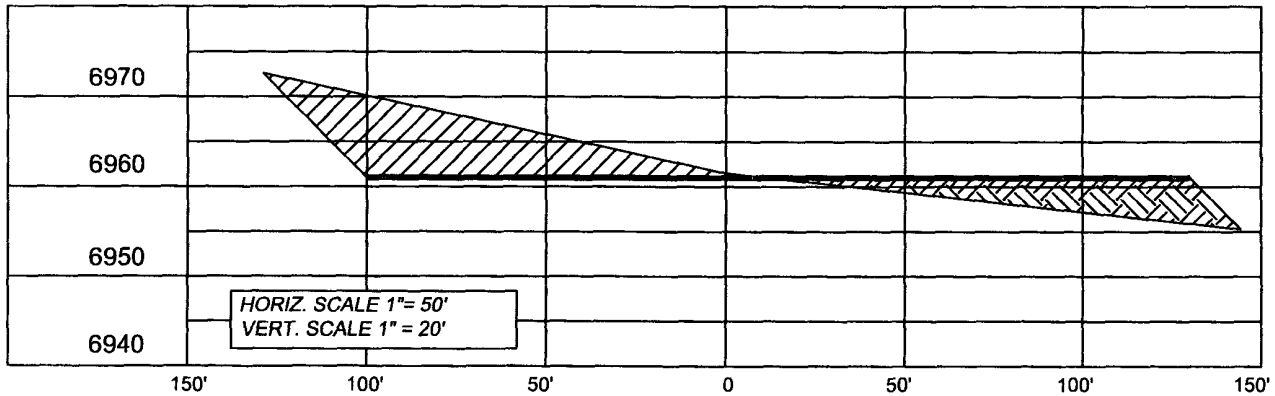
SECTION 23, T-32-N, R-8-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

ELEV.: 6961 NAVD88

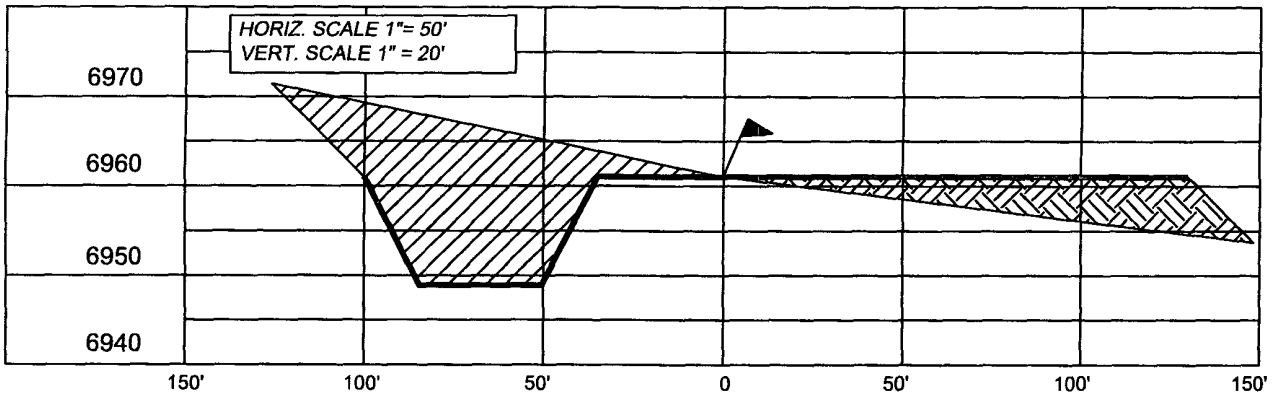
A - A'

C/L



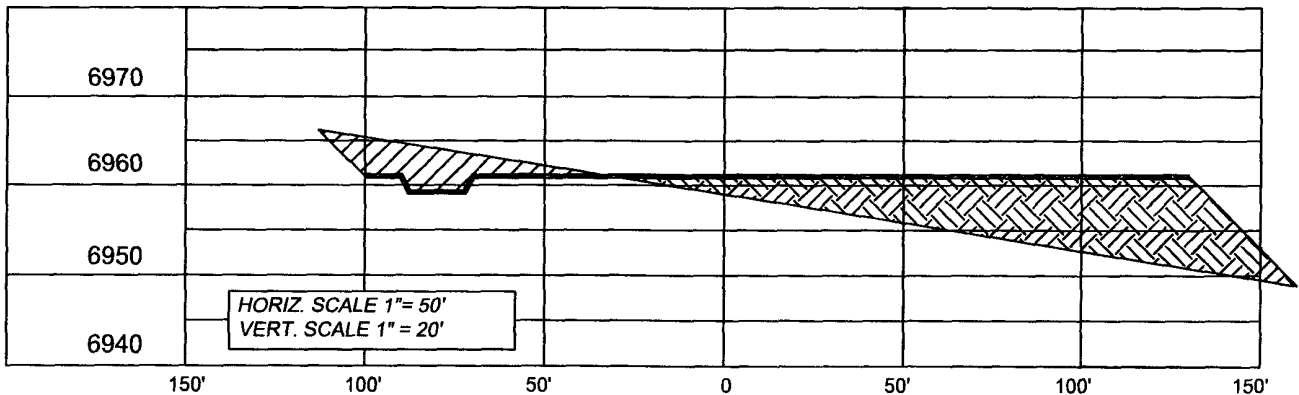
B - B'

C/L



C - C'

C/L



NOTE: CCI IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES

CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD PRIOR TO CONSTRUCTION

## REVISIONS

| NO. | DESCRIPTION       | REVISED BY | DATE    |
|-----|-------------------|------------|---------|
| 1   | ISSUED FOR REVIEW | TJR        | 6/28/06 |
| 2   | BOTTOM HOLE       | TJR        | 3/20/08 |

**CCI**

**CHENAULT CONSULTING INC.**

PO BOX 328  
BLOOMFIELD, NM, 87413  
PHONE: (505) 325-7707