

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | |
|---|--|--|
| 1a. Type of Work DRILL | RECEIVED OCT 15 2007 Bureau of Land Management Farmington Field Office | 5. Lease Number NMSF-078461 Unit Reporting Number |
| 1b. Type of Well GAS | | 6. If Indian, All. or Tribe |
| 2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP | | 7. Unit Agreement Name RCVD OCT 22 '07 OIL CONS. DIV. DIST. 3 |
| 3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700 | | 8. Farm or Lease Name 9. Well Number Filan #6N |
| 4. Location of Well Unit O (SWSE), 1113' FSL & 1950' FEL Lat-36.599575'N; Long-107.701960'W | | 10. Field, Pool, Wildcat Basin DK / Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) 0 Sec. 5, T27N, R08W API # 30-045- 34465 |
| 14. Distance in Miles from Nearest Town 15.8 miles from Blanco, NM | 12. County San Juan | 13. State NM |
| 15. Distance from Proposed Location to Nearest Property or Lease Line 1113' | | |
| 16. Acres in Lease 642.720 Acres | 17. Acres Assigned to Well DK/MV - 321.48 acres E/2 | |
| 18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 116' Filan #7 | | |
| 19. Proposed Depth 6813' | 20. Rotary or Cable Tools Rotary | |
| 21. Elevations (DF, FT, GR, Etc.) 6081' GR | 22. Approx. Date Work will Start | |
| 23. Proposed Casing and Cementing Program See Operations Plan attached | | |
| 24. Authorized by: <u>Patsy Clugston</u> Patsy Clugston, Regulatory Specialist | <u>10/15/07</u> Date | |

PERMIT NO.

APPROVAL DATE

APPROVED BY [Signature]

TITLE

AFM

DATE

10/22/07

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 # - NMB-000015; and NMB-000089

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

NMOCD
OCT 30 2007
RV

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

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

OCT 15 2007

Bureau of Land Management
Farmington Field Office

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | |
|---|--|---------------------------------------|---|
| ¹ API Number 30-045-34465 | | ² Pool Code 72319/71599 | ³ Pool Name Blanco Mesaverde/Basin Dakota |
| ⁴ Property Code 7018 | ⁵ Property Name FILAN | | ⁶ Well Number 6N |
| ⁷ OGRID No. 14538 | ⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY | | ⁹ Elevation 6081 |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| O | 5 | 27-N | 8-W | | 1113 | SOUTH | 1950 | EAST | SAN JUAN |

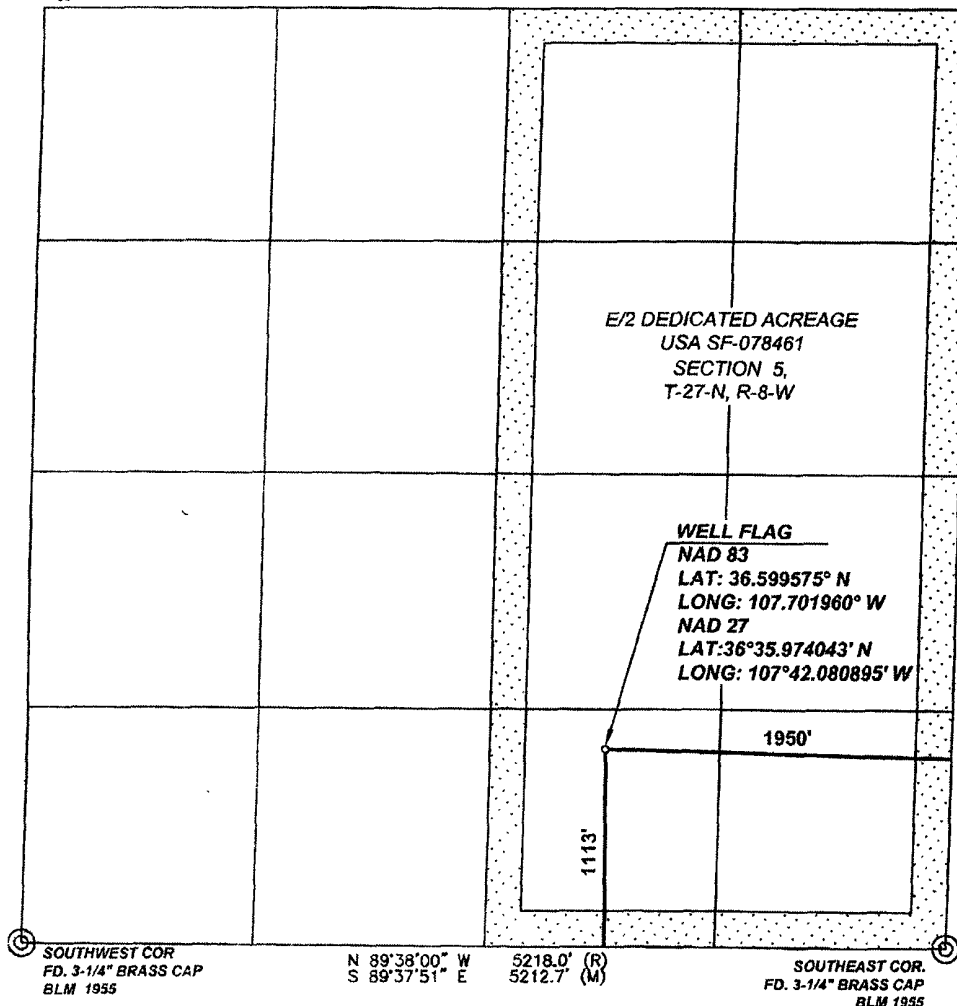
¹¹ Bottom Hole Location If Different From Surface

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

| | | | |
|---|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 321.48 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

16

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.

Kandis Roland
Signature

Kandis Roland
Printed Name

Regulatory Technician
Title and E-mail Address

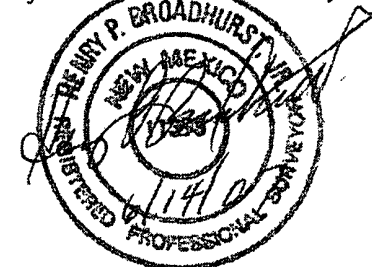
6/21/07
Date

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: 5/22/07

Signature and Seal of Professional Surveyor:



Certificate Number: NM 11393

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District IV

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

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION1220 South St. Francis Dr.
Santa Fe, NM 87505

May 27, 2004

WELL API NO. -

30-045-34405

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

Fed Lease - SF-078461

7. Lease Name or Unit Agreement Name

Filan

8. Well Number

#6N

9. OGRID Number

14538

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

BURLINGTON RESOURCES OIL & GAS COMPANY LP

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter O : 1113' feet from the South line and 1950' feet from the East lineSection 5 Township 27N Rng 8W NMPM County San Juan

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

6081' GL

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

<200'

Pit Liner Thickness:

12

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:

New Drill ☒**SUBSEQUENT REPORT OF:**REMEDIAL WORK ☐ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐P AND A ☐CASING/CEMENT JOB ☐OTHER: ☐

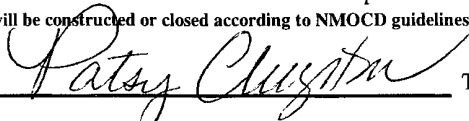
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

New Drill, Lined:

Burlington Resources proposes to construct a new drilling pit, an associated vent/flare pit and a pre-set mud pit (if required). Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and pre-set mud pit will be lined pits 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



TITLE

Regulatory Specialist

DATE 10/15/2007

Type or print name

Patsy Clugton

E-mail address:

clugspl@conocophillips.

Telephone No.

505-326-9518

For State Use Only

APPROVED BY



TITLE

Deputy Oil & Gas Inspector,
District #3

DATE

OCT 30 2007

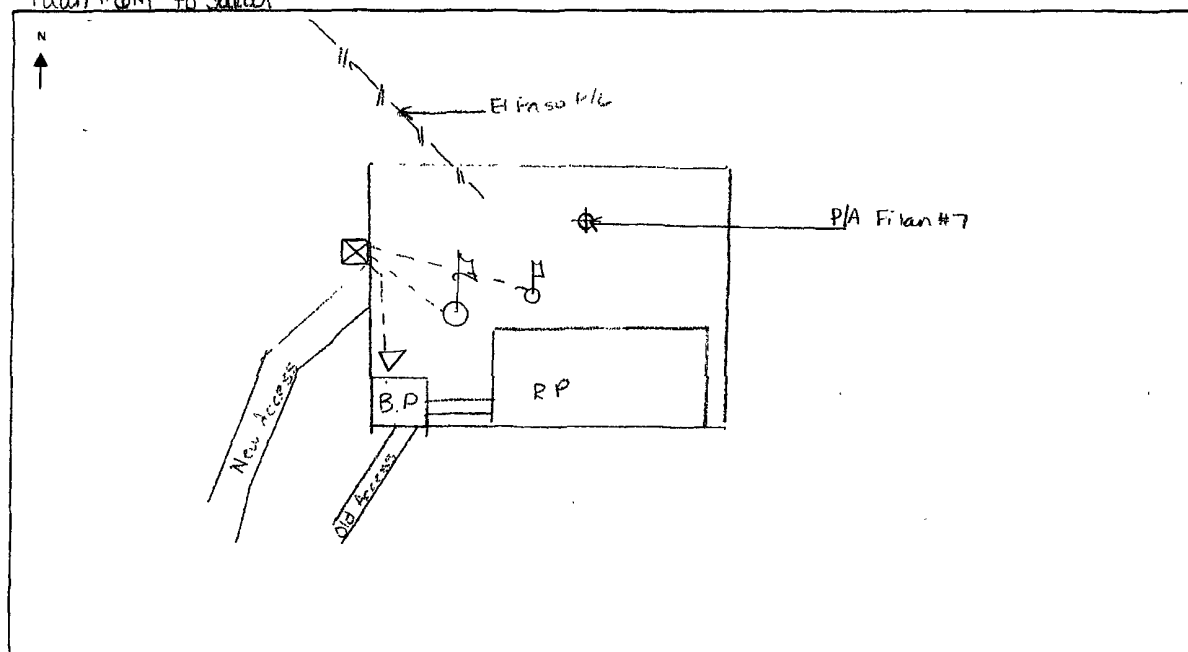
Conditions of Approval (if any):



CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME Filan # 6N LEGALS 0-5-27-8 COUNTY San Juan

PURPOSED C.P. SYSTEEM: Drill GB on SW corner of location. Set two well solas (with battery) on NW edge of location (N side of access). Trench aprox 100' of positive from GB to solar. Trench aprox 150' of #8 neg from proposed well to solar. Trench aprox 225' of #8 neg cable from proposed Filan #6M to solar.



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

COMMENTS: _____

NEAREST POWER SOURCE Filan #2 DISTANCE: over 1/2 mile

PIPELINES IN AREA: El Paso P/L

TECHNICIAN: Michael H. Hargrave DATE: 6/27/77

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

FILAN 6N

DEVELOPMENT

| | | | | | | | |
|---|---------------------------------|-----------------------------|--------------------------|----------------------|------------------|---|-------------|
| Lease: | | AFE #: WAN.CDR.7170 | | | | AFE \$: | |
| Field Name: hBR_SAN JUAN | | Rig: H&P Rig 283 | | State: NM | County: SAN JUAN | | API #: |
| Geologist: | | Phone: | Geophysicist: | | Phone: | | |
| Geoscientist: Riley, Brook | | Phone: +1 505-324-6108 | Prod. Engineer: | | Phone: | | |
| Res. Engineer: McKee, Cory J | | Phone: 505-326-9826 | Proj. Field Lead: | | Phone: | | |
| Primary Objective (Zones): | | | | | | | |
| Zone | Zone Name | | | | | | |
| FRR | BASIN DAKOTA (PRORATED GAS) | | | | | | |
| RON | BLANCO MESAVERDE (PRORATED GAS) | | | | | | |
| Location: Surface Datum Code: NAD 27 Straight Hole | | | | | | | |
| Latitude: 36.599567 | | Longitude: -107.701348 | | X: | Y: | Section: 05 | Range: 008W |
| Footage X: 1950 FEL | | Footage Y: 1113 FSL | | Elevation: 6081 (FT) | Township: 027N | | |
| Tolerance: | | | | | | | |
| Location Type: Year Round | | Start Date (Est.): 1/1/2008 | | Completion Date: | | Date In Operation: | |
| Formation Data: Assume KB = 6093 Units = FT | | | | | | | |
| Formation Call & Casing Points | Depth (TVD in Ft) | SS (Ft) | Depletion (Yes/No) | BHP (PSIG) | BHT | Remarks | |
| Surface Casing | 200 | 5893 | <input type="checkbox"/> | | | 12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 171 cu. ft. Circulate cement to surface. | |
| OJO ALAMO | 1333 | 4760 | <input type="checkbox"/> | | | | |
| KIRTLAND | 1455 | 4638 | <input type="checkbox"/> | | | | |
| FRUITLAND | 2005 | 4088 | <input type="checkbox"/> | | | Possible Gas | |
| PICTURED CLIFFS | 2233 | 3860 | <input type="checkbox"/> | | | | |
| LEWIS | 2385 | 3708 | <input type="checkbox"/> | | | | |
| HUERFANITO BENTONITE | 2773 | 3320 | <input type="checkbox"/> | | | | |
| CHACRA | 3193 | 2900 | <input type="checkbox"/> | | | | |
| MASSIVE CLIFF HOUSE | 3910 | 2183 | <input type="checkbox"/> | 575 | | Gas | |
| MENEFEE | 3948 | 2145 | <input type="checkbox"/> | | | | |
| Intermediate Casing | 4098 | 1995 | <input type="checkbox"/> | | | 8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 923 cu. ft. Circulate cement to surface. | |
| MASSIVE POINT LOOKOUT | 4573 | 1520 | <input type="checkbox"/> | | | | |
| MANCOS | 4883 | 1210 | <input type="checkbox"/> | | | | |
| UPPER GALLUP | 5641 | 452 | <input type="checkbox"/> | | | | |
| GREENHORN | 6458 | -365 | <input type="checkbox"/> | | | | |
| GRANEROS | 6518 | -425 | <input type="checkbox"/> | | | | |
| TWO WELLS | 6585 | -492 | <input type="checkbox"/> | 1600 | | Gas | |
| PAGUATE | 6639 | -546 | <input type="checkbox"/> | | | | |
| CUBERO | 6693 | -600 | <input type="checkbox"/> | | | | |
| ENCINAL | 6752 | -659 | <input type="checkbox"/> | | | | |
| TOTAL DEPTH DK | 6813 | -720 | <input type="checkbox"/> | | | 6-1/4" Hole. 4-1/2", 10.6 ppf, J-55 STC casing. Cement with 374 cu. ft. Circulate cement a minimum of 100' inside the previous casing string. | |
| Reference Wells: | | | | | | | |
| Reference Type | Well Name | | Comments | | | | |

10.5 lbF/ft

PROJECT PROPOSAL - New Drill / Sidetrack

FILAN 6N

DEVELOPMENT

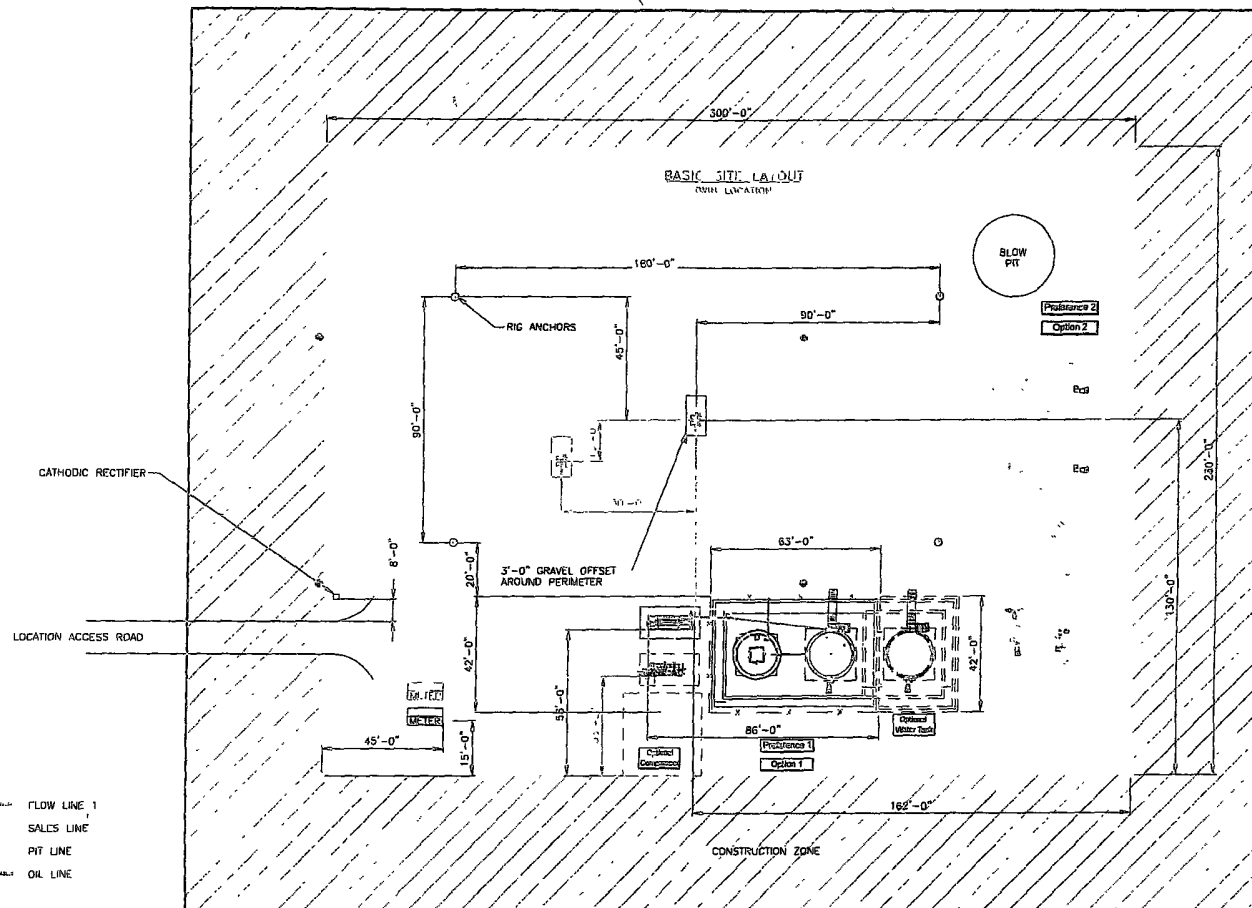
| | |
|-------------------------|---|
| Logging Program: | |
| Intermediate Logs: | <input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo |

| | |
|--|---|
| TD Logs: | <input type="checkbox"/> Triple Combo <input type="checkbox"/> Dipmeter <input type="checkbox"/> RFT <input type="checkbox"/> Sonic <input type="checkbox"/> VSP <input type="checkbox"/> TDT <input checked="" type="checkbox"/> Other |
| GR/CBL. Est. bottom perf: ~20' above TD. | |

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

Comments: Location/Tops/Logging - MVNM027N008W05SE2 DK 27N08W05SE2 Coordinate with the 6M, topo will be an issue, twin Filan 7 (PC), else prefer O,J, topo will be an issue,

Zones - MVNM027N008W05SE2 DK 27N08W05SE2



SEE SHEET 3 OF 5 FOR PIPING DETAILS
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

| ENGINEERING REVIEW | | | | | | | | | | REFERENCE DRAWINGS | | CONOCO PHILLIPS | | | |
|--------------------|-------|----|------|-----|-----|-----|--|--|--|--------------------|--|--------------------------------|-------------------|--|----------------------------|
| PROCESS | | | | | | | | | | NO. | | HIGH PRESSURE 3 PHASE | | | |
| MECHANICAL | | | | | | | | | | DESCRIPTION | | FACILITY DIAGRAM - SITE LAYOUT | | | |
| Piping | | | | | | | | | | | | | | | |
| ELECTRICAL | | | | | | | | | | | | | | | |
| I & C | | | | | | | | | | | | | | | |
| CIVIL/STRUCTURAL | | | | | | | | | | | | | | | |
| PROJECT | | | | | | | | | | | | | | | |
| DESCRIPTION | BASIC | BY | CH'D | ENG | ISC | PRJ | | | | | | | CLIENT APPR. | | APPR. DATE |
| | | | | | | | | | | | | | SCALE: 1/8"=1'-0" | | CONSTRUCTION DATE: 6/20/07 |
| | | | | | | | | | | | | | SHEET NO. | | 1 OF 5 |
| | | | | | | | | | | | | | HP3PHASE-REV1 | | |

CONOCO PHILLIPS

SAN JUAN BUSINESS UNIT

Path: C:\Program Files\ConocoPhillips\Regulatory\Twin Location Site Layout.dwg, 6/20/2007 - 02:39pm

BURLINGTON RESOURCES OIL AND GAS COMPANY LP

FILAN 6N

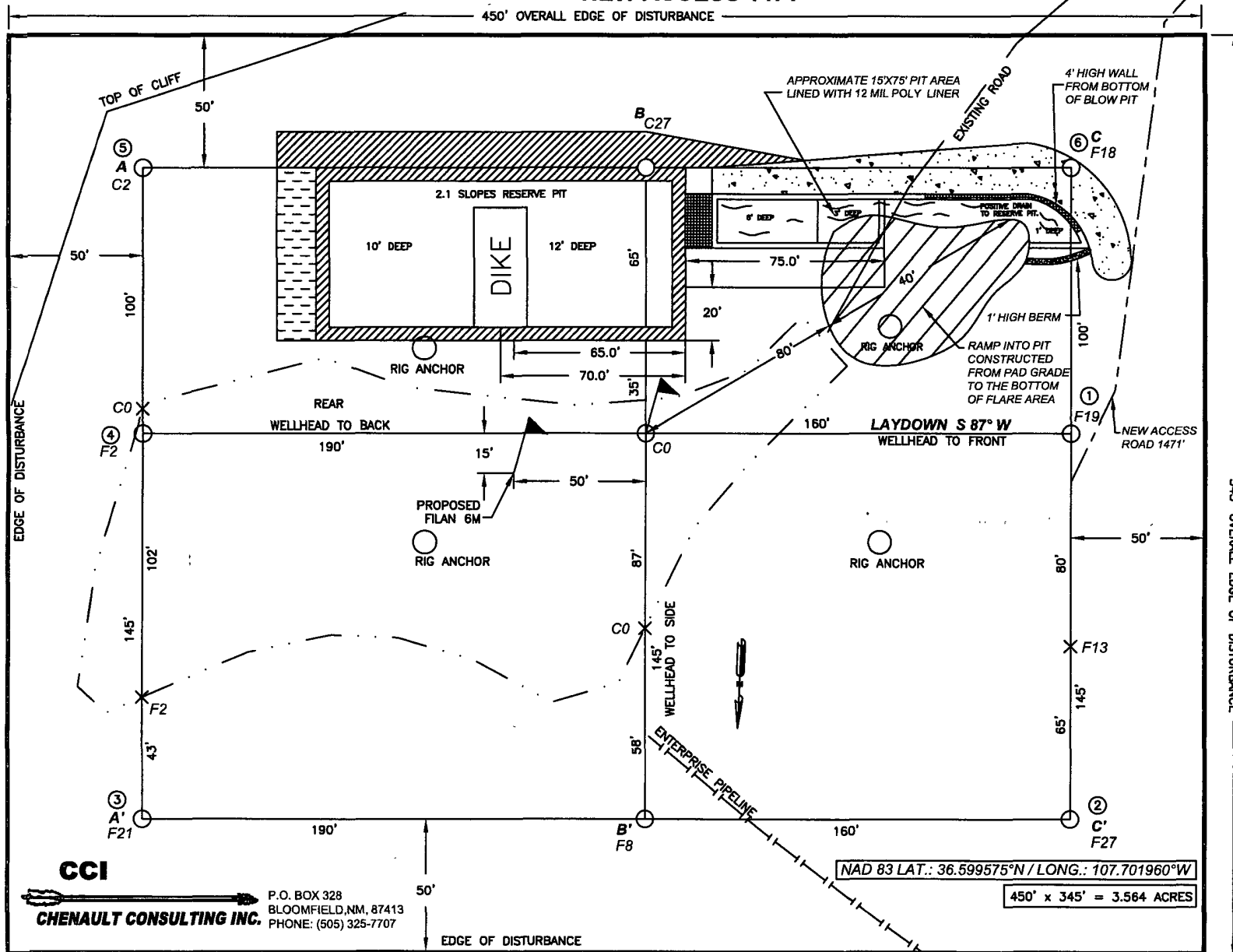
1113' FSL, 1950' FEL

SECTION 5, T-27-N, R-8-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

GROUND ELEV.:6081 NAVD88 DATE: MAY 22, 2007

NEW ACCESS 1471'



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.

BURLINGTON RESOURCES OIL AND GAS COMPANY LP

FILAN 6N

1113' FSL, 1950' FEL

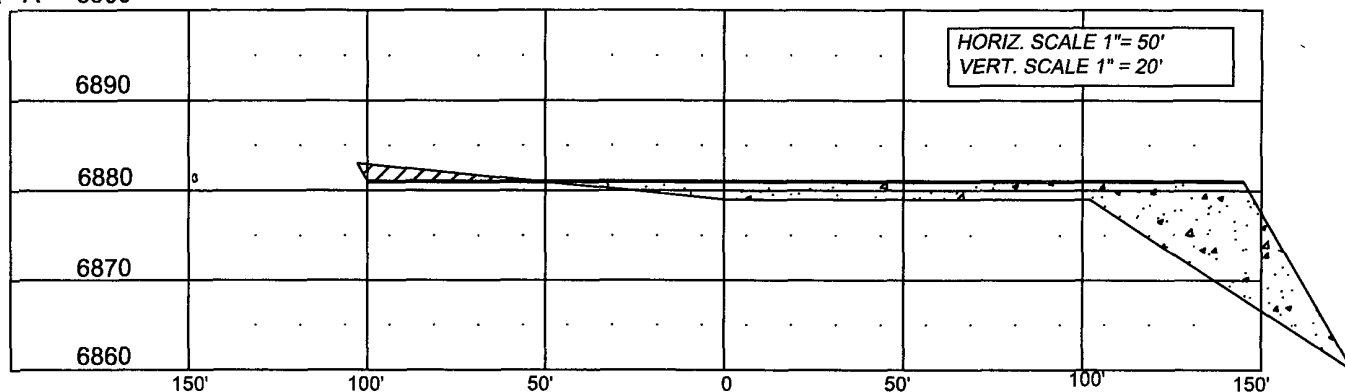
SECTION 5, T-27-N, R-8-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

ELEV.: 6081 NAVD88

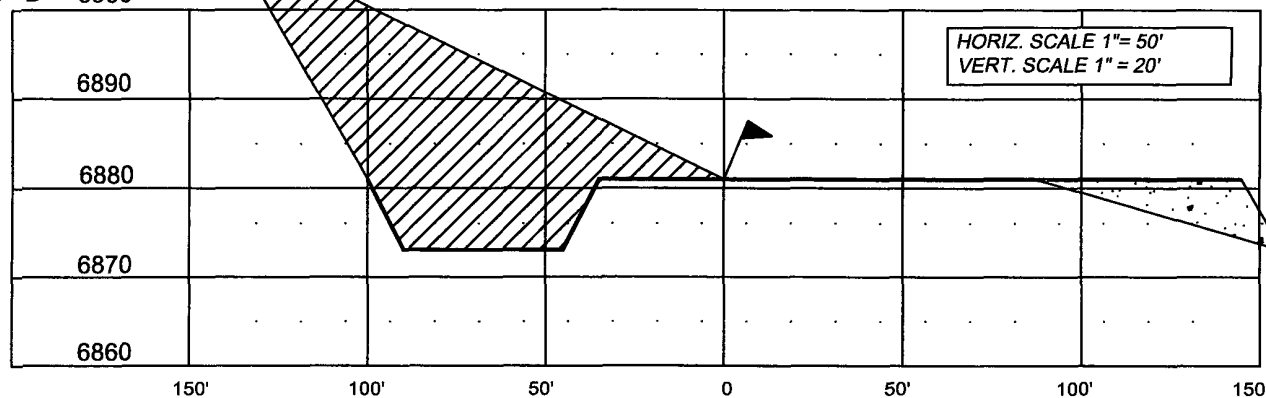
A - A' 6900

C/L



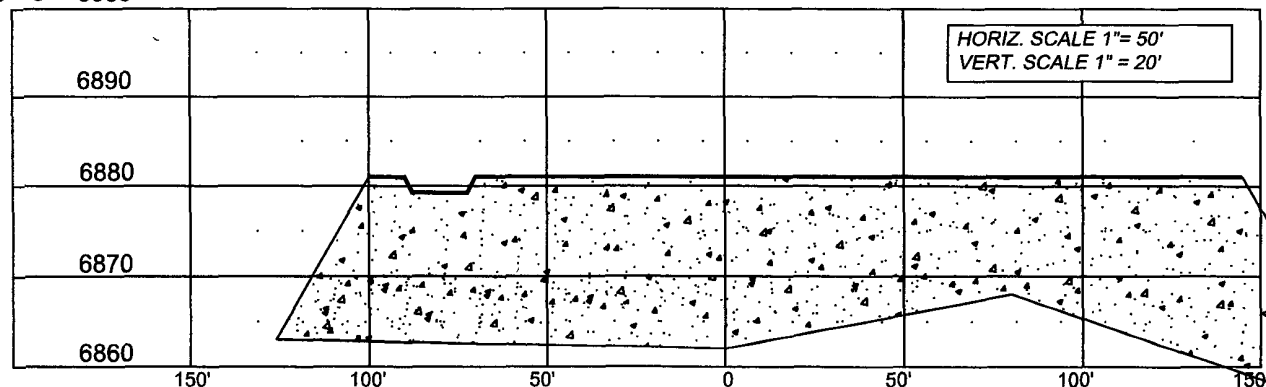
B - B' 6900

C/L



C - C' 6900

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 | ISSUE FOR REVIEW | L.H. | 5/22/07 |
| 2 | ACCESS/CUT & FILL | TJR | 8/14/07 |
| | | | |
| | | | |

CCI

P.O. BOX 328
BLOOMFIELD, NM, 87413
PHONE: (505) 325-7707

CHENAULT CONSULTING INC.