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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED OCT 15 2007 Bureau of Land Management Farmington Field Office

RCVD NOV 13 '07 OIL CONS. DIV. DIST. 3

1a. Type of Work
DRILL

1b. Type of Well
GAS

5. Lease Number
SF-079519-A
Unit Reporting Number
6. If Indian, All. or Tribe

2. Operator
BURLINGTON RESOURCES Oil & Gas Company, LP

7. Unit Agreement Name
San Juan 28-5 Unit

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499

(505) 326-9700

8. Farm or Lease Name

9. Well Number
#76N

4. Location of Well
Unit D(NWNW), 1170' FNL & 190' FWL

Lattitude 36.65078 N
Longitude 107.37290 W

10. Field, Pool, Wildcat
Blanco MV/Basin DK

11. Sec., Twn, Rge, Mer. (NMPM)
D Sec. 21, T28N, R5W

API # 30-039-30400

14. Distance in Miles from Nearest Town
4 miles/Gobernador

12. County
Rio Arriba

13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
190'

16. Acres in Lease
2395.610

17. Acres Assigned to Well
MV/DK 320 (N/2)

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease
1275' from San Juan 28-5 #14 mv

19. Proposed Depth
7985'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6658' GL

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Sasha Spangler
Sasha Spangler (Regulatory Technician)

10-15-07
Date

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE AFM

DATE 11/9/07

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.

NOTIFY AZTEC OCD 24 HRS. PRIOR TO CASING & CEMENT

Example Master Plan Type 3 Bond Numbers NMB-000015 and NMB-000089

P.A.

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

NMOCD NOV 20 2007

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

Form C-102
Revised October 12, 2005
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

RECEIVED
OCT 15 2007
Bureau of Land Management
Farmington Field Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-039- 30400	72319 / 71599	BLANCO MESAVERDE / BASIN DAKOTA

[4] Property Code	[5] Property Name	[6] Well Number
7460	SAN JUAN 28-5 UNIT	76N

[7] OGRID No.	[8] Operator Name	[9] Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY, LP	6658'

[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	21	28N	5W		1170	NORTH	190	WEST	RIO ARRIBA

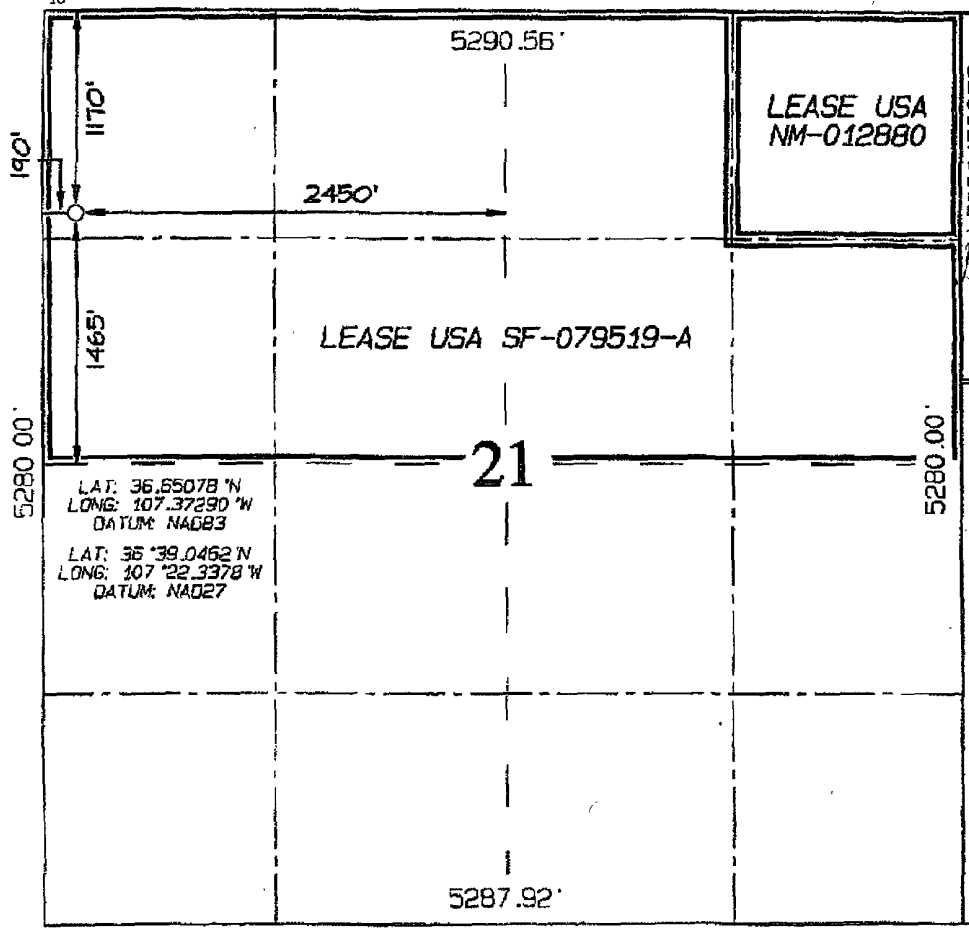
[11] Bottom Hole Location If Different From Surface

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

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320.0 Acres - N/2 (MV) 320.0 Acres - N/2 (DK)			

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.

Signature 7-20-07 Date

Patsy Clugston
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: JUNE 21, 2007

Signature and Seal of Professional Surveyor

JASON C. EDWARDS
NEW MEXICO
15269
REGISTERED PROFESSIONAL SURVEYOR

JASON C. EDWARDS
Certificate Number 15269

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

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

Form C-103
May 27, 2004

WELL API NO. 30-039- 30400

5. Indicate Type of Lease
STATE [ ] FEE [ ]

6. State Oil & Gas Lease No.
Federal Lease #USA SF-079519-A

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)

7. Lease Name or Unit Agreement Name
San Juan 28-5 Unit

1. Type of Well:
Oil Well [ ] Gas Well [X] Other

8. Well Number
#76N

2. Name of Operator
BURLINGTON RESOURCES OIL & GAS COMPANY LP

9. OGRID Number
14538

3. Address of Operator
3401 E. 30TH STREET, FARMINGTON, NM 87402

10. Pool name or Wildcat
Blanco MV/Basin DK

4. Well Location
Unit Letter D : 1170' feet from the North line and 190' feet from the West line
Section 21 Township 28N Rng 5W NMPM County Rio Arriba

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
6658'

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 <200

Pit Liner Thickness: 12 **mil** **Below-Grade Tank:** **Volume** _____ **bbls;** **Construction Material** Synthetic

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	[ ]	PLUG AND ABANDON	[ ]	REMEDIAL WORK	[ ]	ALTERING CASING	[ ]
TEMPORARILY ABANDON	[ ]	CHANGE PLANS	[ ]	COMMENCE DRILLING OPNS.	[ ]	P AND A	[ ]
PULL OR ALTER CASING	[ ]	MULTIPLE COMPL	[ ]	CASING/CEMENT JOB	[ ]		
OTHER:		New Drill	[X]	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, ~~Unlined~~:

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, vent/flare pit and pre-set mud pit will be unlined 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 unlined, 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 that 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 [X] or an (attached) alternative OCD-approved plan [ ].**

SIGNATURE Rhonda Rogers TITLE Regulatory Technician DATE 9-13-07

Type or print name Rhonda Rogers E-mail address: rogerrs@conocophillips.com Telephone No. 505-599-4018

For State Use Only

APPPROVED BY _____ TITLE Deputy Oil & Gas Inspector, District #3 DATE NOV 20 2007

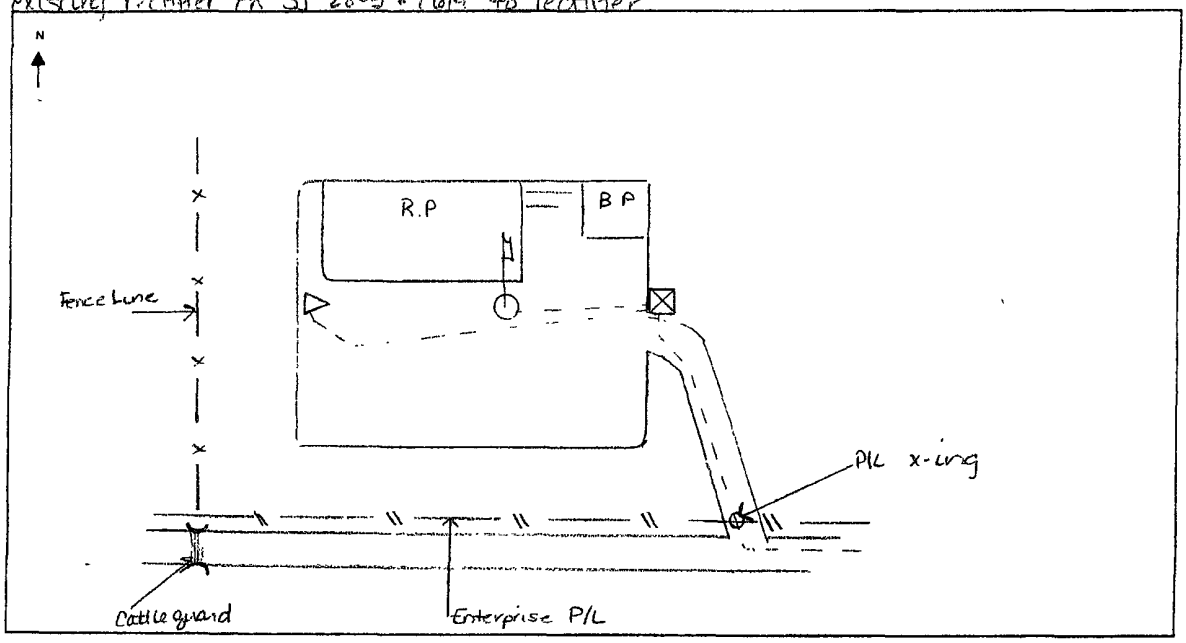
Conditions of Approval (if any):

TECHNICAL SERVICES
A CORROSION COMPANY

CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME SJ 28-5 # 76N **LEGALS** D-21-28-5 **COUNTY** Rio Arriba

PURPOSED C.P. SYSYTEM: Drill GB on West edge of location. Set rectifier on outer NE edge (N side of access). Trench approx 300' of positive cable from GB to rectifier. Trench approx 175' of #8 neg cable from purposed well to rectifier. Trench approx 1500' of A/C from existing rectifier on SJ 28-5 #76M to rectifier



EXISITING WELLHEAD	METER HOUSE	G.B.	POWER SOURCE	CABLE	NEW WELL	OVERHEAD A.C.
⊕	—//—▭—//—	△	⊠	-----	⚡	—ϟ—ϟ—

COMMENTS:

NEAREST POWER SOURCE Existing Rect on SJ 28-5 # 76M **DISTANCE:** 1500'
PIPELINES IN AREA: Enterprise P/L

TECHNICIAN: Michael Hinojosa **DATE:** 7/16/2007

6 CR 5412 BLOOMFIELD, N.M. 87413
OFFICE: 505-634-0271 CELL: 505-793-6953

ConocoPhillips

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-5 UNIT 76N **DEVELOPMENT**

Lease:	AFE #: WAN.CDR.7135		AFE $:
Field Name: hBR_SAN JUAN 28-5 UNIT	Rig: Aztec Rig 301	State: NM	County: RIO ARRIBA	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: 36.650772	Longitude: -107.372298	X:	Y:	Section: 21	Range: 005W
Footage X: 190 FWL	Footage Y: 1170 FNL	Elevation: 6658 (FT)	Township: 028N		
Tolerance:					

Location Type: Year Round Start Date (Est.): 1/1/2008 Completion Date: Date In Operation:

Formation Data: Assume KB = 6674 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	216	6458	☐			12-1/4" hole. 9-5/8", 32.3 ppf, H-40, STC casing. Cement with 171 cu ft. Circulate cement to surface.
OJAM	2790	3884	☐			
KRLD	2981	3693	☐			
FRLD	3304	3370	☐			Possible Gas
PCCF	3540	3134	☐			
LEWS	3688	2986	☐			
Intermediate Casing	3788	2886	☐			8-3/4" hole. 7", 20 ppf, J-55, STC Casing. Cement with 853 cu ft. Circulate cement to surface.
CHRA	4525	2149	☐			
UCLFH	5123	1551	☐			Gas
MASSIVE CLIFF HOUSE	5328	1346	☐	662		Gas
MENF	5396	1278	☐			
PTLK	5705	969	☐			
MNCS	6190	484	☐			
GLLP	6924	-250	☐			
GRHN	7661	-987	☐			
GRRS	7717	-1043	☐			
TWLS	7772	-1098	☐	2100		Gas
PAGU	7841	-1167	☐			
CBRO	7858	-1184	☐			
CBRL	7904	-1230	☐			
ENCINAL	7985	-1311	☐			
TOTAL DEPTH DK	7985	-1311	☐			6-1/4" hole. 4-1/2", 10.5/11.6 ppf, J-55, STC/LTC casing. Cement with 571 cu ft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:

Reference Type	Well Name	Comments
Intermediate	SJ 28-5 #33M	SE 17-28N-5W

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ConocoPhillips

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-5 UNIT 76N **DEVELOPMENT**

Production	SJ 28-5 #76M	NW 21-28N-5W

Logging Program:

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

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☑ Other GR_CBL

Additional Information:

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

Comments: Location/Tops/Logging - MVNM028N005W21NW2 DK 28N05W21NW2 Avoid C, no other wells, prefer E,D,F.

Zones - MVNM028N005W21NW2 DK 28N05W21NW2

General/Work Description - LEWIS INCLUDED

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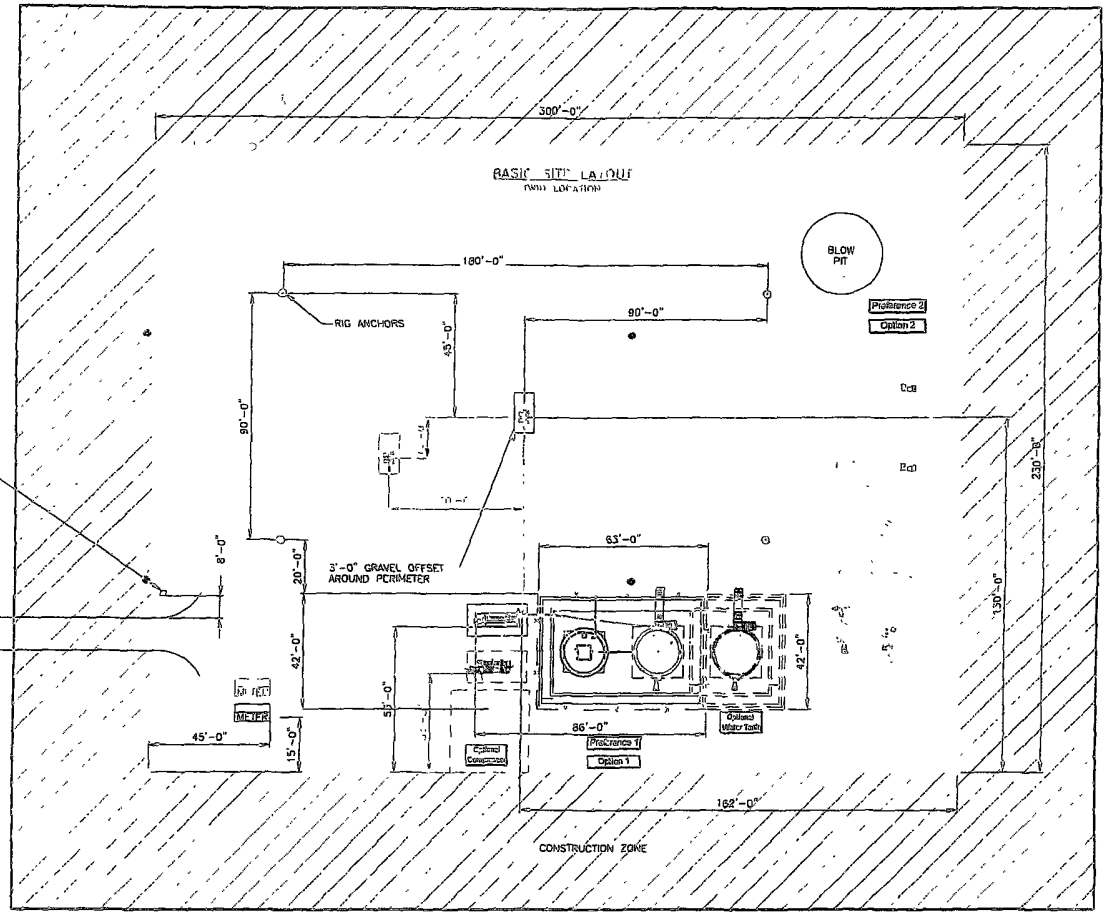


SEE SHEET 3 & 4 FOR PIPING DETAILS
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

NO.	DESCRIPTION	DATE	DR	CHK'D	ENG	DISC	PRJ

ENGINEERING REVIEW

DISCIPLINE	REVIEWED	DATE
PROCESS		
MECHANICAL		
PIPING		
ELECTRICAL		
I & C		
CIVIL/STRUCTURAL		
PROJECT		

REFERENCE DRAWINGS

NO	DESCRIPTION

ConocoPhillips

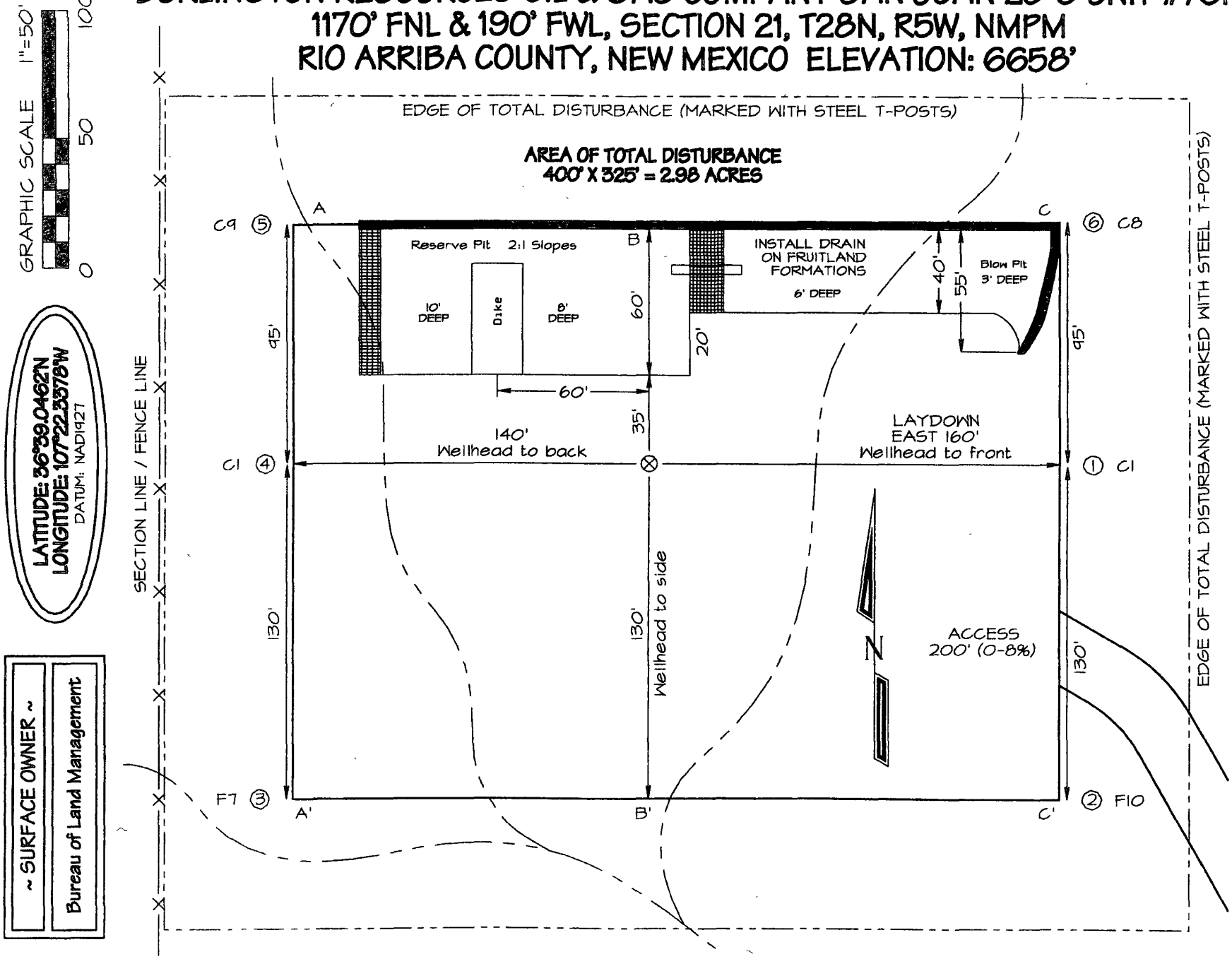
SAN JUAN BUSINESS UNIT

CONOCOPHILLIPS
HIGH PRESSURE 3 PHASE
FACILITY DIAGRAM- SITE LAYOUT

CLIENT No	CLIENT APPR	INTR BASE
DRAWN BY:	SCALE: NONE	CREATED DATE: 6/28/07
	DWG No: HP3PHASE-REV1	SHEET No: 1 OF 5

PATH: S:\GBPD\Gold\Andrew\Regulatory\Plan Location Site Layout.dwg, 06/28/2007 - 02:39pm

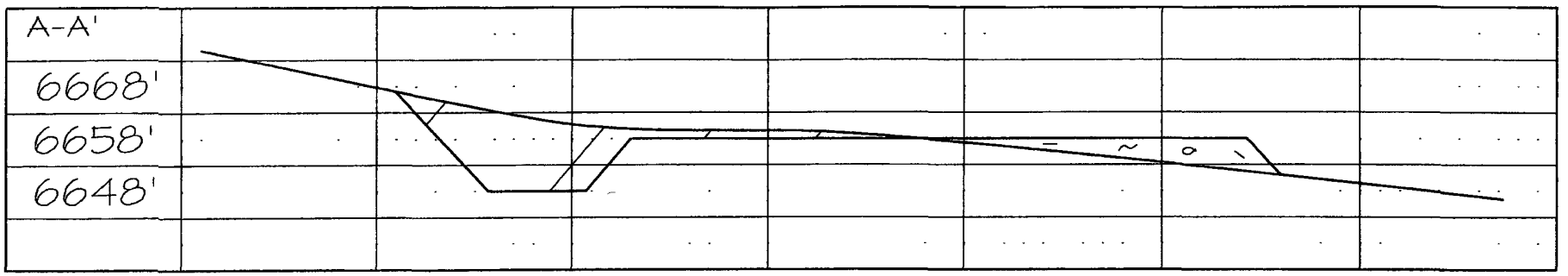
BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 28-5 UNIT #76N
1170' FNL & 190' FWL, SECTION 21, T28N, R5W, NMPM
RIO ARRIBA COUNTY, NEW MEXICO ELEVATION: 6658'

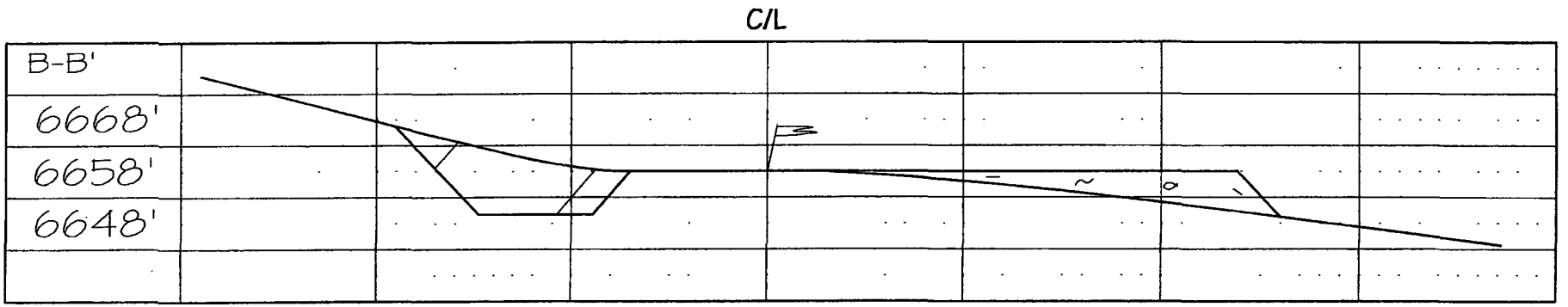


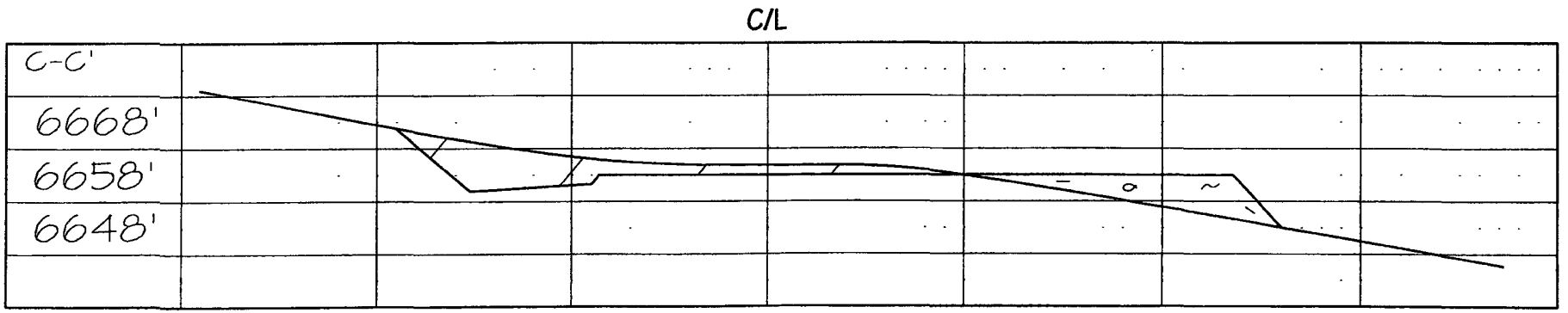
NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.
CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 28-5 UNIT #76N
1170' FNL & 190' FWL, SECTION 21, T28N, R5W, NMPM
RIO ARRIBA COUNTY, NEW MEXICO ELEVATION: 6658'

HORIZONTAL SCALE 1"=40' VERTICAL SCALE 1"=30'







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