

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-079250 Unit Reporting Number MV-8910009490 DK-891000949A	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name San Juan 28-5 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87401 (505) 326-9700	8. Farm or Lease Name San Juan 28-5 Unit 9. Well Number 89N	
4. Location of Well 1105' FSL, 2405' FWL Latitude 36° 40.2892 Longitude 107° 20.8049	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) N Sec. 10, T28N, R5W API # 30-039- 27696	
14. Distance in Miles from Nearest Town 32 miles to Blanco NM PO	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1105'		
16. Acres in Lease	17. Acres Assigned to Well MV/281.88 S/2 DK/322.35	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1588'		
19. Proposed Depth 8132'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6720'	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Frances Bond</u> Regulatory/Compliance Specialist	<u>3-19-04</u> Date	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE AFM DATE 7-13-04

Archaeological Report to be submitted

Threatened and Endangered Species Report to be submitted

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.

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

NMOCD

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

DISTRICT II
811 South First, Artesia, N.M. 88210DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

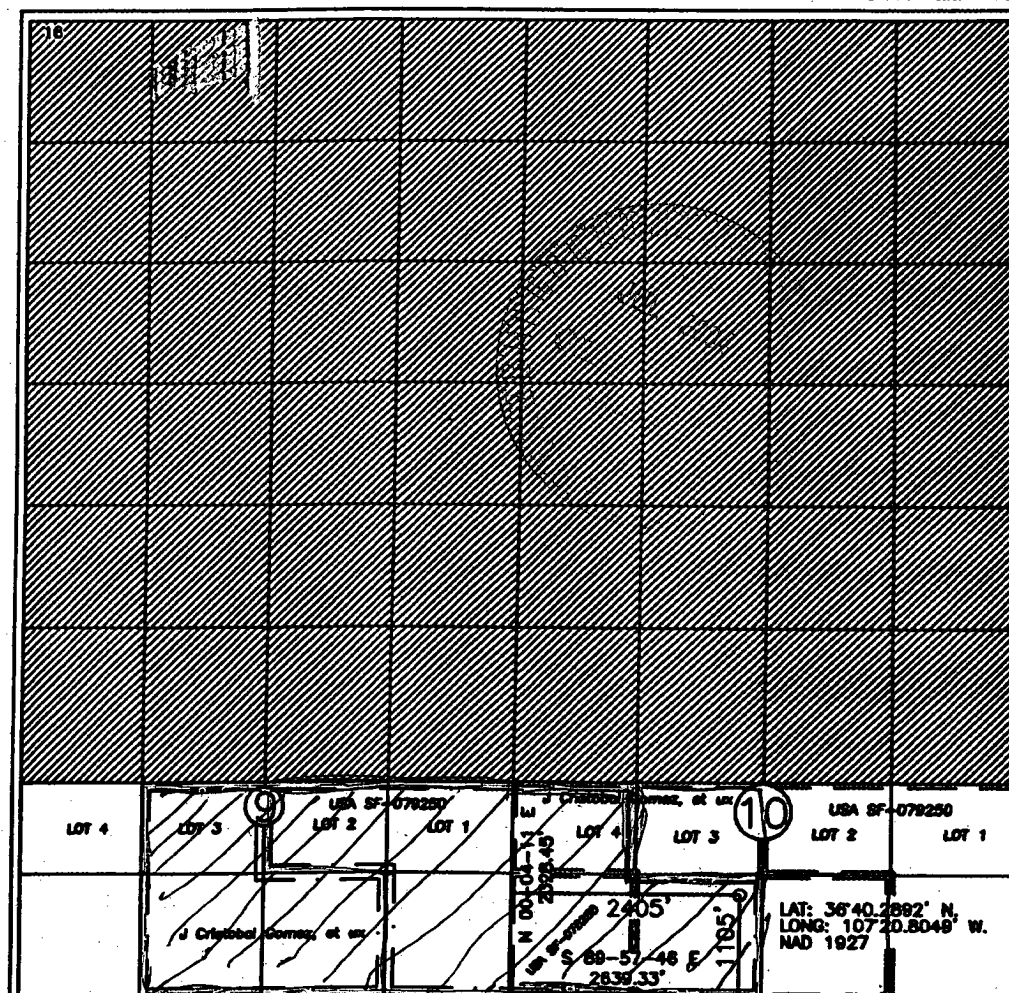
¹ API Number 30-039 27696	² Pool Code 71599/72319	³ Pool Name Basin Dakota/Blanco Mesaverde
⁴ Property Code 7460	⁵ Property Name SAN JUAN 28-5 UNIT	⁶ Well Number 89N
⁷ OCRD No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6720'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot 14n	Feet from the	North/South line	Feet from the	East/West line	County
N	10	28-N	5-W		1105'	SOUTH	2405'	WEST	RIO ARriba

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 14n	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres MV S/2 284.86 DK 322.35					¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No. unit 3 R-2948-B.D.K.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Frances Bond

Signature

Frances Bond

Printed Name

Regulatory Assistant

Title

1-30-04

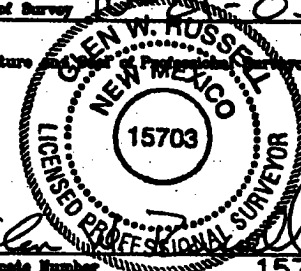
Date

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 **10-21-03**

Signature



Certificate Number

15703

5/2 10

OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #89N
Location: 1105' FSL, 2405' FWL, Sec 10, T-28-N, R-5-W
Rio Arriba County, NM
Latitude 36° 40.2892, Longitude 107° 20.8049
Formation: Blanco Mesaverde/Basin Dakota

Total Depth: 8132'

Logging Program: See San Juan 28-5 Unit Master Operations Plan

Mud Program: See 28-5 Unit Master Operations Plan

Casing Program (as listed, the equivalent, or better):

Hole Size	Depth Interval	Csg. Size	Wt.	Grade	Cement
12 1/4"	0' - 120'	9 5/8"	32.3#	WC-50	113 cu.ft.
8 3/4"	0' - 3849'	7"	20.0#	J-55	861 cu.ft.
6 1/4"	0' - 7800'	4 1/2"	10.5#	J-55	583 cu. ft
6 1/4"	7800' - 8132'	4 1/2"	11.6#	N-80	

Tubing Program: See 28-5 Unit Master Operations Plan

- The Mesaverde and Dakota formations will be completed and commingled.
- Section 10 is dedicated to the Mesaverde and the Dakota formations in this well.
- Gas is dedicated.

Jean Corrigan
Drilling Engineer

April 6, 2004
Date

MULTI-POINT SURFACE USE PLAN

San Juan 28-5 Unit #89N

See San Juan 28-5 Unit Master Multi-point Surface Use Plan

- Anticipated pipeline facilities as shown on the attached plat from El Paso Field Services.
- Approximately 100' of new road will be added.
Water Supply from San Juan 27-5 Water Well #1 located NE/4 Section 3, T-27-N, R-5-W, New Mexico.
- Surface Ownership: Bureau of Land Management
- Line pits.
- Build a diversion ditch above cut slope between corners #2 and #3.
- Walk small trees into diversion ditches and washes.
- Archaeological Resources: See Archaeological Survey technical report #200 3-42J from La Plata Contract Archaeology..

Frances Bond
Regulatory Specialist

4-5-04
Date





GulfTerra
Field Services LLC

BLANCO GATHERING SYSTEM

DWG. NO. BLL010-044-01

LINE BURLINGTON RESOURCES O & G CO.- SAN JUAN 28-5 UNIT NO. 89N

WD NO.

FROM 0+00 = 68+44.13 ON BLANCO LATERAL L-10

RW NO. 0470077

(10L731.0-1, R/W NO. 5371272)

DATE 02/23/04

SCALE 1" = 1000'

SURVEYED 02/18/04

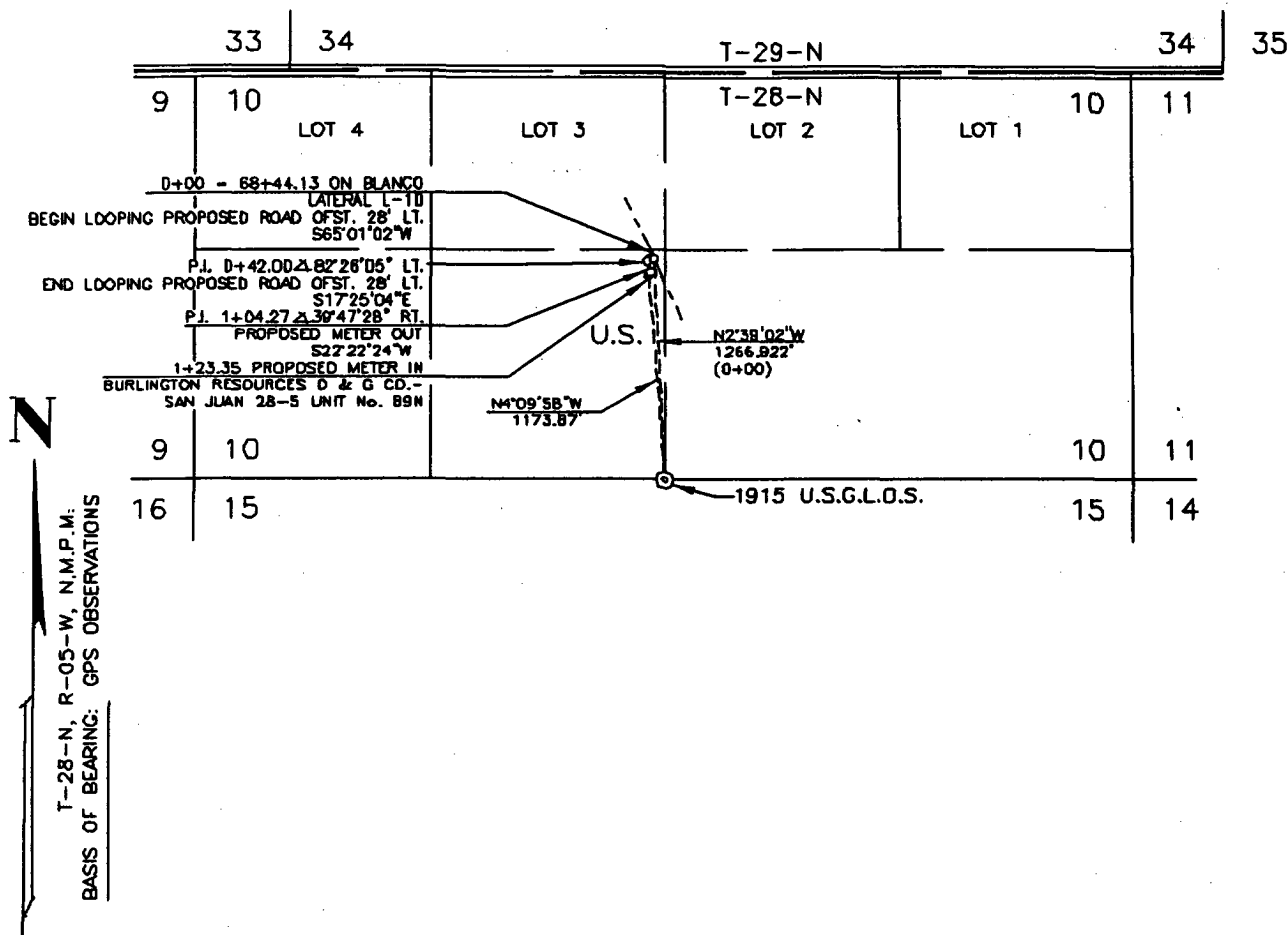
COUNTY RIO ARriba

STATE NEW MEXICO

SECTION 10

TOWNSHIP 28-N

RANGE 05-W, N.M.P.M.



DWN. BY DB CONSTR. COMMENCED _____ APPL. DWG. _____ SLACK CHAIN _____
CKD. BY _____ CONSTR. COMPLETED _____ DATE _____ PIPE SIZE 4.50" O.D.

PRINT RECORD

7 SJ DIST 03/02/04

PIPE DATA

METER STA. NO.

NOTE: WELL FLAG
SURVEY LOOPS PROPOSED ROAD
LOCATION NOT BUILT

SUBDIVISION

OWNER

LESSEE

METER(S)

RODS

ACRE(S)

ALL SEC. 10

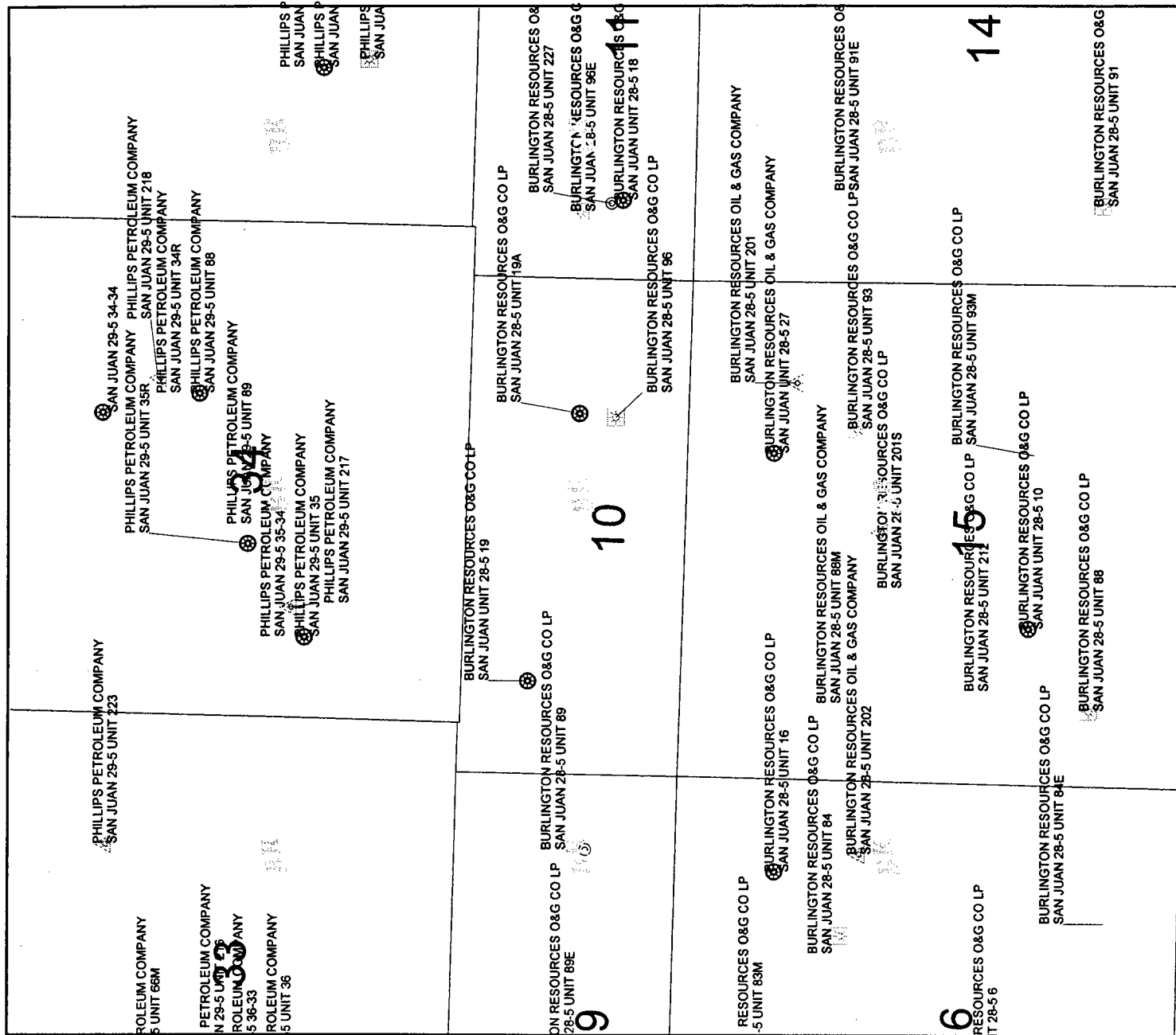
UNITED STATES

WALTER S. SMITH

7.476

0.113

BLL010-044-01 FSN246 (Rev. 9/03)



P2000 Well Header
 FRUITLAND COAL
 MESAVERDE
 DAKOTA
 UNKNOWN
 Sections



BURLINGTON RESOURCES
 PLAT

500 0 500 1000 Feet

BURLINGTON RESOURCES
 San Juan Division

San Juan 28-5 Unit #89N
 Sec. 10, T-28-N, R-5-W
 Rio Arriba County, New Mexico
 Map #1A

Transverse Mercator
 UTM - 1927, Zone 13

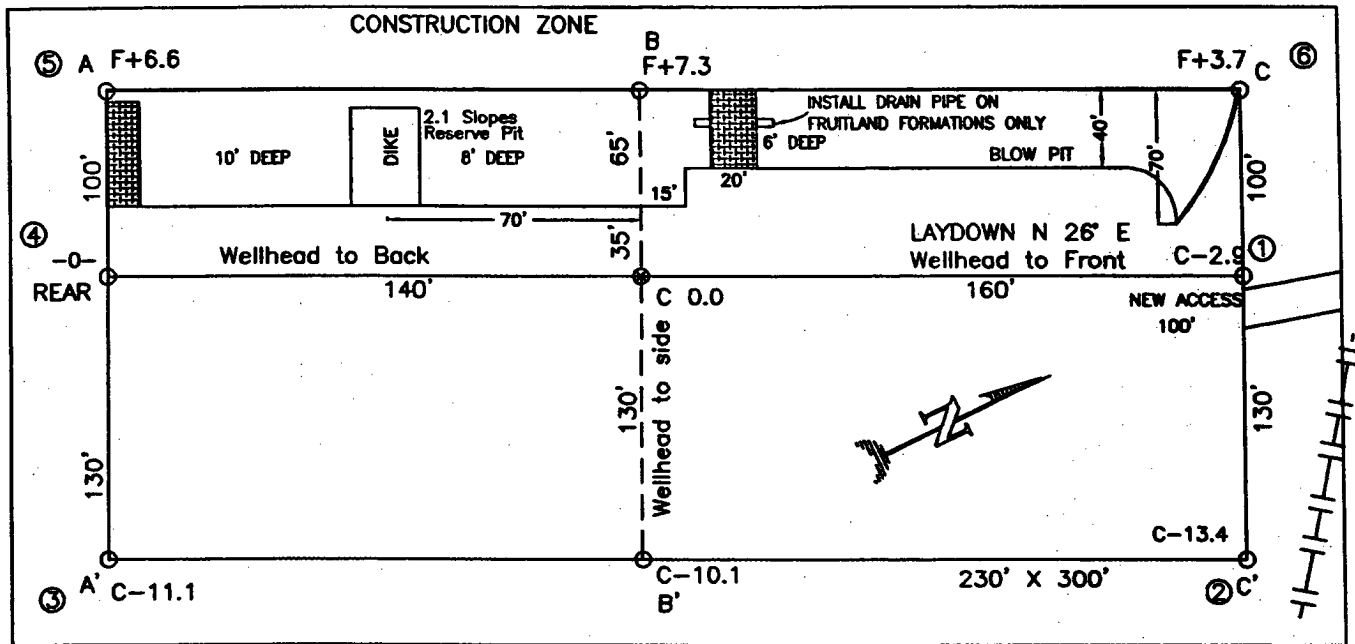
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Prepared By: Nancy Oltmanns Date: 07/09/2003

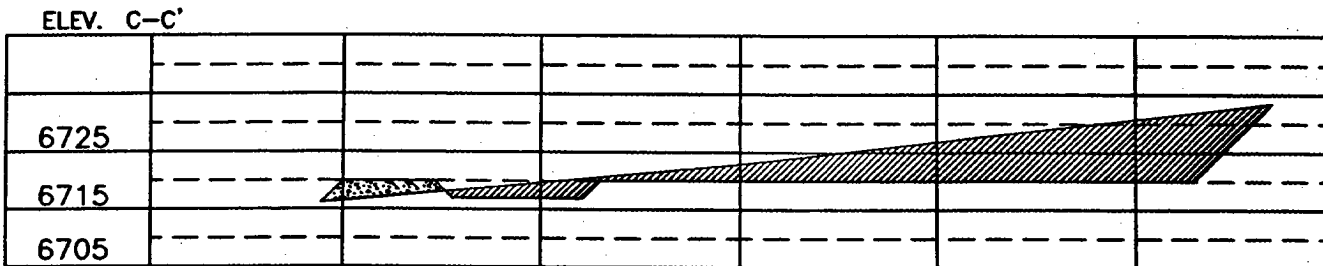
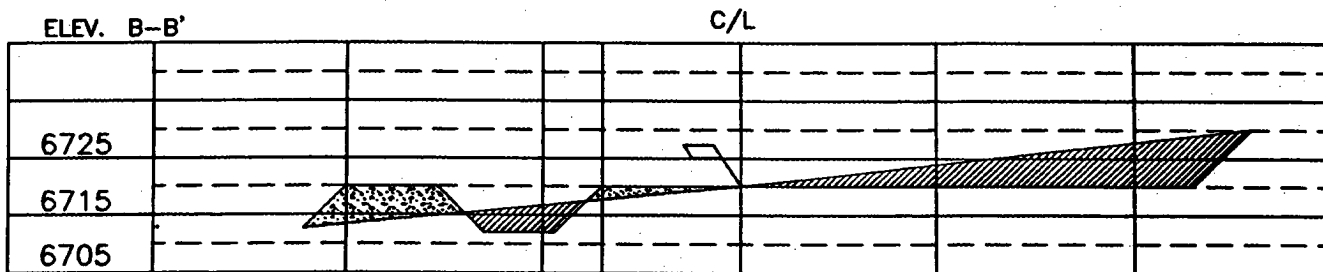
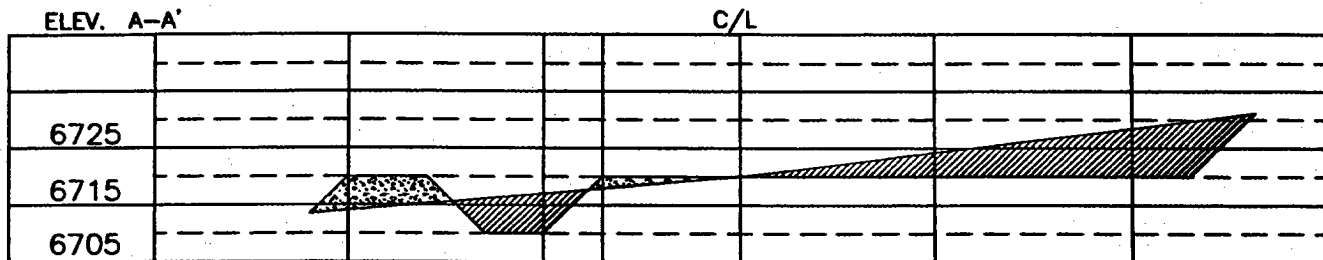
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BURLINGTON RESOURCES OIL & GAS COMPANY LP
 SAN JUAN 28-5 UNIT #89N, 1105' FSL & 2405' FWL
 SECTION 10, T-28-N, R-5-W, NMPM, RIO ARriba COUNTY, NM
 GROUND ELEVATION: 6720', DATE: SEPTEMBER 19, 2003



RESERVE PIT DIKE: TO BE B' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).
 BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.



NOTE: VECTOR 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.