

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED

AUG 28 2007

1a. Type of Work DRILL	5. Lease Number NM-034901 03491 Unit Reporting Number NMNM-78394B	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name Huerfanito Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 9. Well Number #61E	
4. Location of Well Surf: Unit A (NENE), 680' FNL & 1235' FEL Latitude 36° 31.3583 N Longitude 107° 47.3113 W	10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) A Sec. 4, T26N, R9W API # 30-045-34411	
14. Distance in Miles from Nearest Town 26 mile/Bloomfield	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 680'	17. Acres Assigned to Well 321.12 (E/2)	
16. Acres in Lease	20. Rotary or Cable Tools Rotary	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1240' from Huerfanito #61	22. Approx. Date Work will Start	
19. Proposed Depth 6953'		
21. Elevations (DF, FT, GR, Etc.) 6456' GL		
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Rhonda Rogers</u> Rhonda Rogers (Regulatory Technician)	8-27-07 Date	

RCVD SEP 6 '07
OIL CONS. DIV.

DIST. 3

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE ARM DATE 9/4/07

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 4

Bond Numbers NMB-000015 and NMB-000089

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

NMOCD

B

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

RECEIVED

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
August 12, 2005
Submit to Appropriate District Office
Bureau of Land Management
Farmington Field Office
Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-3491		*Pool Code 71599	*Pool Name BASIN DAKOTA
*Property Code 7138	*Property Name HUERFANITO UNIT		*Well Number 61E
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP		*Elevation 6456'

10 Surface Location

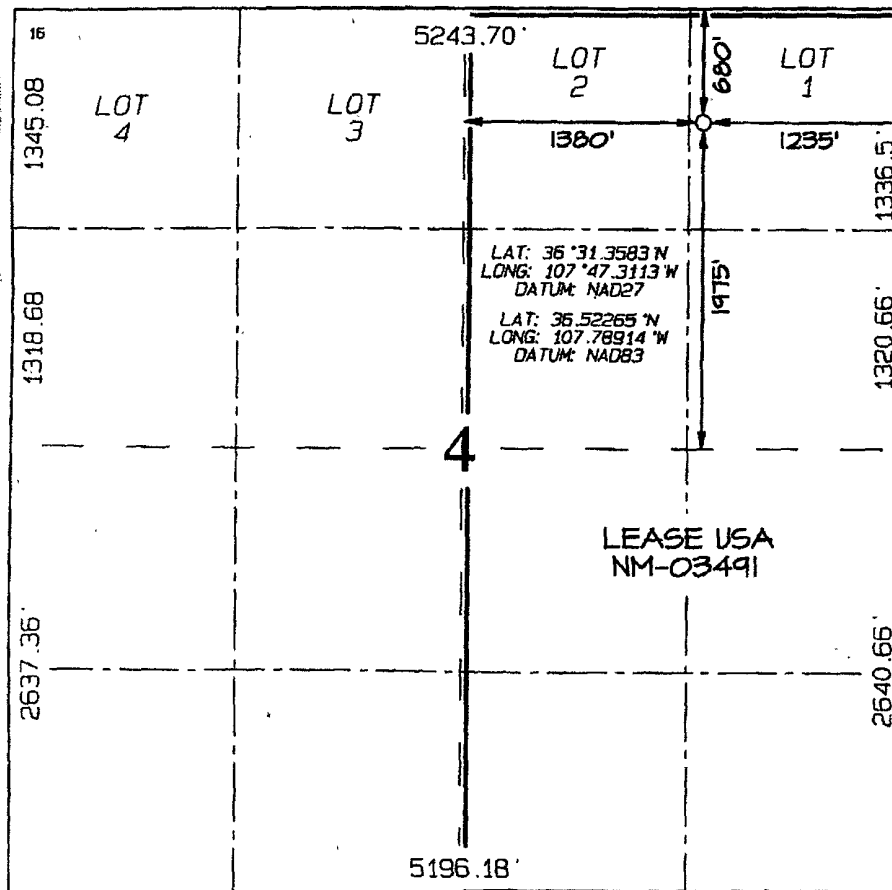
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	4	26N	9W		680	NORTH	1235	EAST	SAN JUAN

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
A									

12 Dedicated Acres 321.12 Acres - E/2	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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.

Kandis Roland 5/30/07
Signature Date

Kandis Roland
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: MAY 9, 2007
Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

State of New Mexico

Energy, Minerals and Natural Resources

Form C-103

May 27, 2004

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-045- 34411

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

Federal Lease #NM-03491

7. Lease Name or Unit Agreement Name

Huerfanito Unit

8. Well Number

#61E

9. OGRID Number

14538

10. Pool name or Wildcat

Basin Dakota

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

A

680'

feet from the

North

line and

1235'

feet from the

East

line

Section

4

Township

26N

Rng

9W

NMPM

County

San Juan

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

6456'

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:

NA

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, 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 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 Technician

DATE

8-27-07

Type or print name

Rhonda Rogers

E-mail address:

rogerrs@conocophillips.com

Telephone No.

505-599-4018

For State Use Only

APPROVED BY

TITLE

Deputy Oil & Gas Inspector,
District #3

DATE

SEP 10 2007

Conditions of Approval (if any):

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HUERFANITO UNIT 61E

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7173		AFE \$: 584,484.70	
Field Name: hBR_SAN JUAN		Rig: Bearcat Rig 4		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist: Head, Chip F		Phone: 505-326-9772		Prod. Engineer:	
Res. Engineer: Prabowo, Wahyu		Phone: 505-326-9797		Proj. Field Lead:	

Primary Objective (Zones):

Zone	Zone Name
FRR	BASIN DAKOTA (PRORATED GAS)

Location: Surface Datum Code: NAD 27 Straight Hole

Latitude: 36.522641	Longitude: -107.788525	X:	Y:	Section: 04	Range: 009W
Footage X: 1235 FEL	Footage Y: 680 FNL	Elevation: 6456 (FT)	Township: 026N		
Tolerance:					

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

Formation Data: Assume KB = 6472 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	320	6152	<input type="checkbox"/>			320' 8 5/8" 24 ppf, J-55, STC casing. Cement with 312 cuft. Circulate cement to surface.
OJAM	1280	5192	<input type="checkbox"/>			
KRLD	1430	5042	<input type="checkbox"/>			
FRLD	1685	4787	<input type="checkbox"/>			Possible Gas
PCCF	2190	4282	<input type="checkbox"/>			
LEWS	2299	4173	<input type="checkbox"/>			
HUERFANITO BENTONITE	2608	3864	<input type="checkbox"/>			
CHRA	3050	3422	<input type="checkbox"/>			
CLFH	3726	2746	<input type="checkbox"/>			
MENF	3802	2670	<input type="checkbox"/>			
PTLK	4536	1936	<input type="checkbox"/>			GAS
MNCS	4820	1652	<input type="checkbox"/>			
GLLP	5650	822	<input type="checkbox"/>			
GRHN	6502	-30	<input type="checkbox"/>			
GRRS	6555	-83	<input type="checkbox"/>			
TWLS	6583	-111	<input type="checkbox"/>	1600		Gas
PAGU	6680	-208	<input type="checkbox"/>			
CBRL	6754	-282	<input type="checkbox"/>			
ENCINAL	6805	-333	<input type="checkbox"/>			
BRRO	6866	-394	<input type="checkbox"/>			
MORRISON	6903	-431	<input type="checkbox"/>			
TOTAL DEPTH DK	6953	-481	<input type="checkbox"/>			TD 50' below T/MRSN. 6-1/4" Hole. 4-1/2", 10.5 ppf, J-55 STC casing. Cement with 2042 cuft

Reference Wells:

Reference Type	Well Name	Comments
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PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HUERFANITO UNIT 61E

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
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GR_CBL

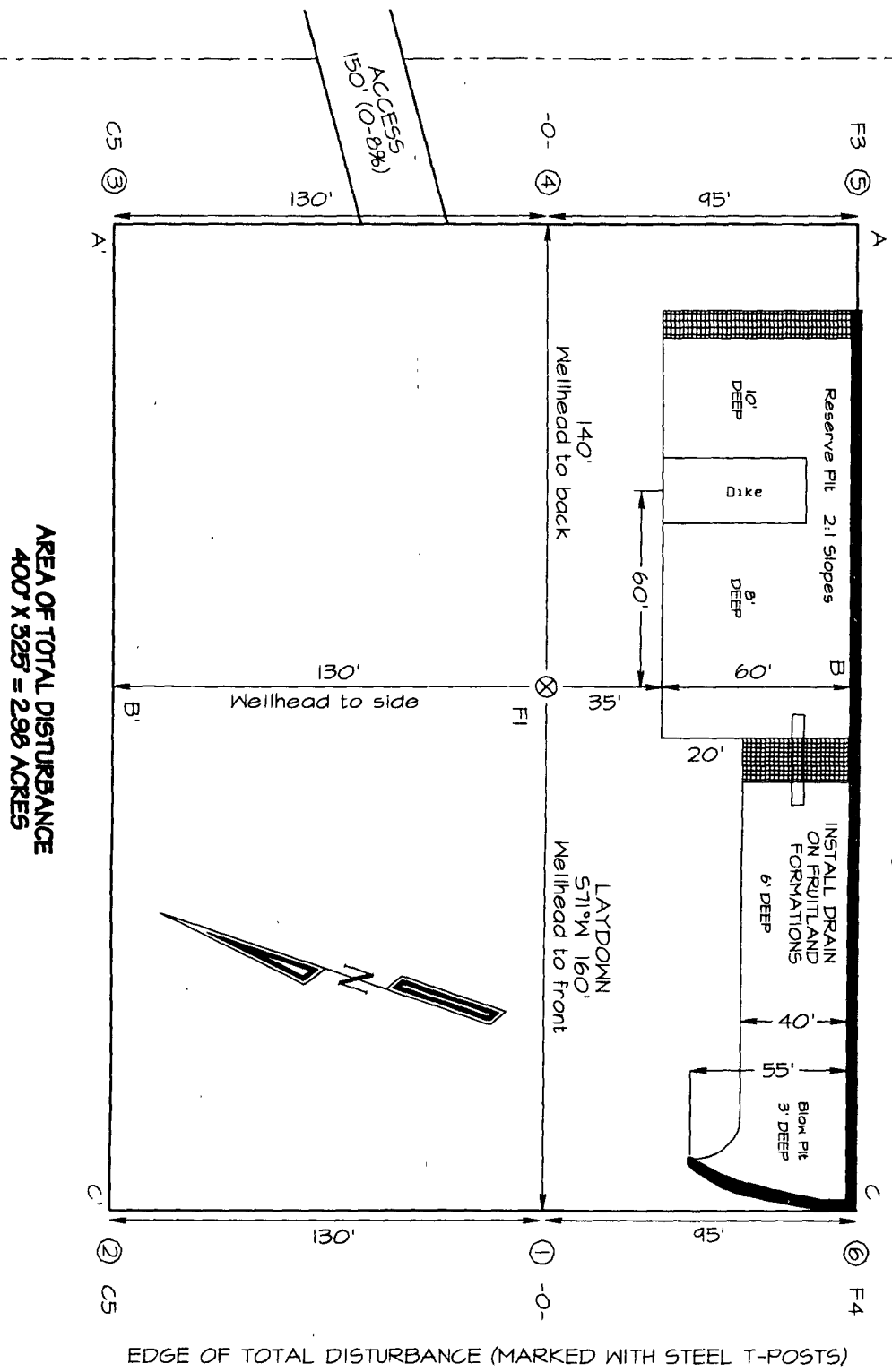
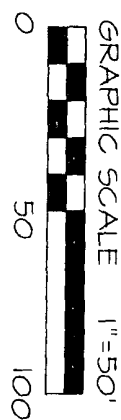
Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

Comments: Location/Tops/Logging - DKNM026N009W04NE2 Avoid G, do not twin (<700' away), prefer A, H,B - s?2 of 1/4 in BLM wildlife project area.

Zones - DKNM026N009W04NE2

BURLINGTON RESOURCES OIL & GAS COMPANY HUERFANITO UNIT #61E
680' FNL & 1235' FEL, SECTION 4, T26N, R9W, NMPM
SAN JUAN COUNTY, NEW MEXICO ELEVATION: 6456'

EDGE OF TOTAL DISTURBANCE (MARKED WITH STEEL T-POSTS)



AREA OF TOTAL DISTURBANCE
 400' X 325' = 2.98 ACRES

~ SURFACE OWNER ~
 Bureau of Land Management

LATITUDE: 36°31.3583'N
 LONGITUDE: 107°47.3113'W
 DATUM: NAD1927

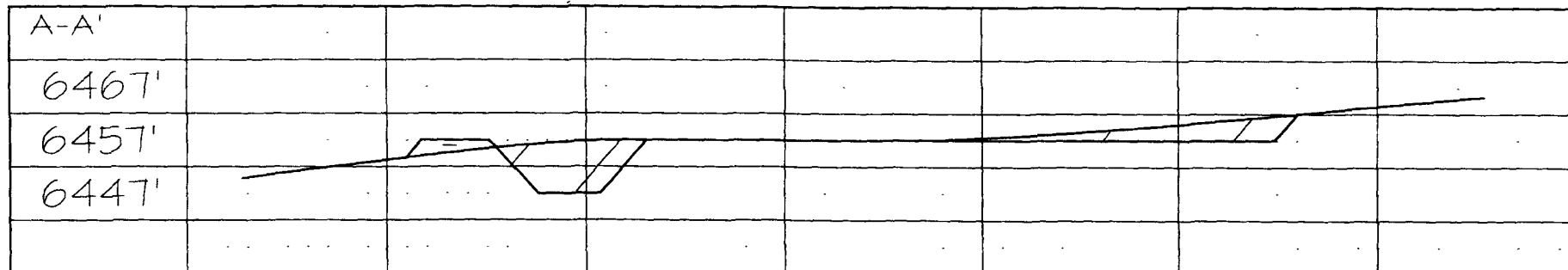
NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.
 CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

BURLINGTON RESOURCES OIL & GAS COMPANY HUERFANITO UNIT #61E
680' FNL & 1235' FEL, SECTION 4, T26N, R9W, NMPM
SAN JUAN COUNTY, NEW MEXICO ELEVATION: 6456'

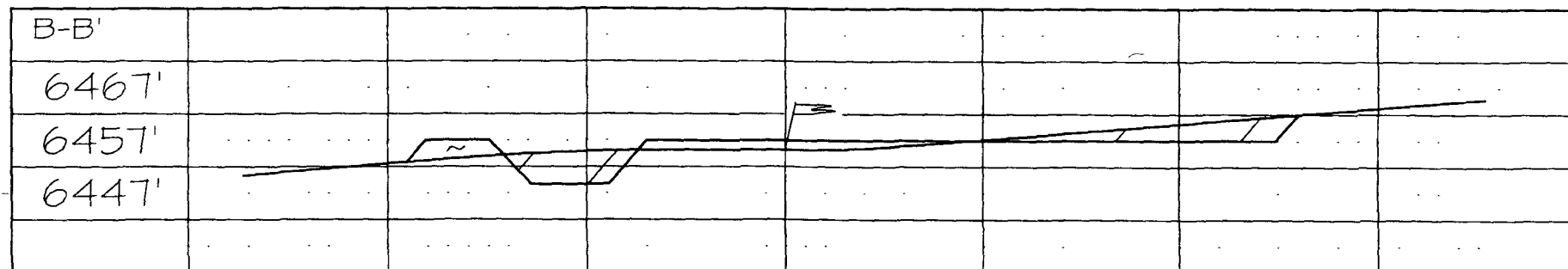
HORIZONTAL SCALE 1"=40'

C/L

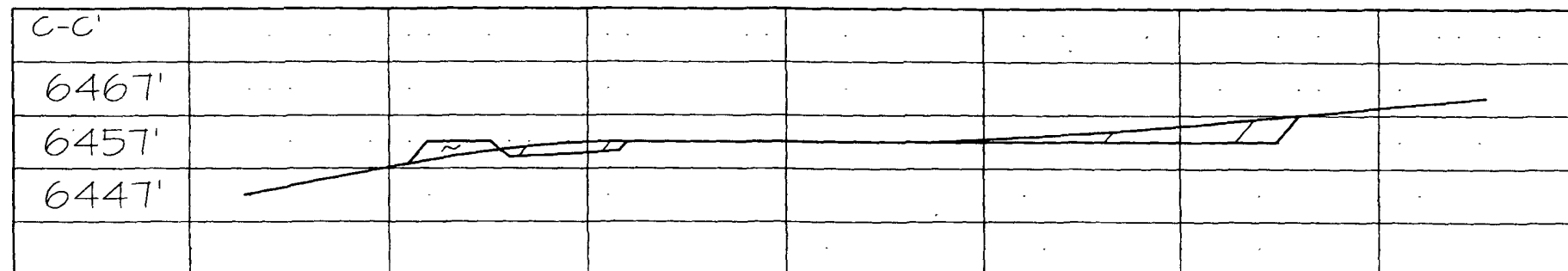
VERTICAL SCALE 1"=30'



C/L



C/L



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