

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED AUG 28 2007 Bureau of Land Management Farmington Field Office	5. Lease Number USA SF-078596 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
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name Howell C 9. Well Number #1C
4. Location of Well Surf: Unit I (NESE), 2140' FSL & 680' FEL Latitude 36° 45.1688 N Longitude 107° 37.2153 W		10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) I Sec. 1, T29N, R8W API # 30-045-34412
14. Distance in Miles from Nearest Town 2 mile/Navajo City	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 680'		
16. Acres in Lease	17. Acres Assigned to Well 321.05 (E/2)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1185' from Koch Gonsales #1		
19. Proposed Depth 5479'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6239' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		RCVD SEP 6 '07 OIL CONS. DIV. DIST. 3
24. Authorized by: <u>Rhonda Rogers</u> Rhonda Rogers (Regulatory Technician)	8-28-07 Date	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE ATM 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 3

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
"METAL REQUIREMENTS".

NMOCD

This section is subject to technical and
procedural review pursuant to 43 CFR 3165.3
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

RECEIVED

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

Bureau of Land Management
Farmington Field Office
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-34412		*Pool Code 72319	*Pool Name BLANCO MESAVERDE
*Property Code 7120	*Property Name HOWELL C		*Well Number 1C
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP		*Elevation 6239'

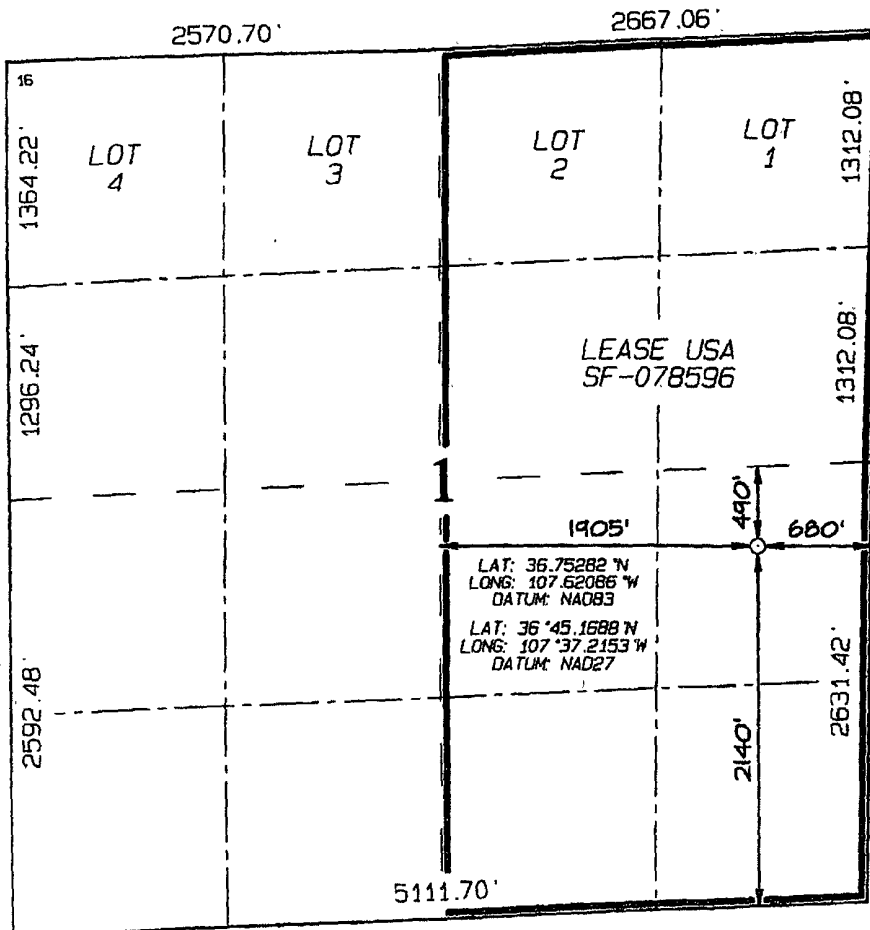
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	1	29N	8W		2140	SOUTH	680	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
I									
12 Dedicated Acres 321.05 Acres - (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



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 4/23/07
Signature Date

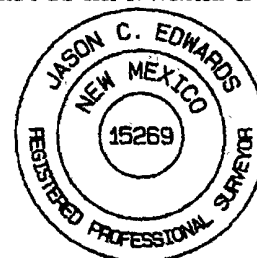
Kandis Roland
Printed Name

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: MARCH 14, 2007

Signature and Seal of Professional Surveyor



Jason C. Edwards
Certificate Number 15269

Office

Energy, Minerals and Natural Resources

May 27, 2004

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-045-34412

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

Federal Lease #USA SF-078596

7. Lease Name or Unit Agreement Name

Howell C

8. Well Number

#1C

9. OGRID Number

14538

10. Pool name or Wildcat

Blanco Mesa Verde

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 I : 2140' feet from the South line and 680' feet from the East line
Section I Township 29N Rng 8W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6239'

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 ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐P AND A ☐CASING/CEMENT JOB ☐

OTHER:

New Drill ☒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 Technician

DATE

8-27-07

Type or print name

Rhonda Rogers

E-mail address:

rogers@conocophillips.com

Telephone No.

505-599-4018

For State Use Only

Deputy Oil & Gas Inspector,
District #3

APPROVED BY

TITLE

DATE

SEP 10 2007

Conditions of Approval (if any):

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HOWELL C 1C

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7061		AFE \$: 498,032.10	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 580		State: NM	County: SAN JUAN
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				
RON	BLANCO MESAVERDE (PRORATED GAS)				
Location: Surface		Datum Code: NAD 27			Straight Hole
Latitude: 36.752813	Longitude: -107.620255	X:	Y:	Section: 01	Range: 008W
Footage X: 680 FEL	Footage Y: 2140 FSL	Elevation: 6239 (FT)	Township: 029N		
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2008		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6251 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	216	6035	<input type="checkbox"/>		
OJO ALAMO	2063	4188	<input type="checkbox"/>		
KIRTLAND	2137	4114	<input type="checkbox"/>		
FRUITLAND	2716	3535	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	3054	3197	<input type="checkbox"/>		
LEWIS	3196	3055	<input type="checkbox"/>		
Intermediate Casing	3296	2955	<input type="checkbox"/>		8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 742 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3716	2535	<input type="checkbox"/>		
CHACRA	3995	2256	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	4741	1510	<input type="checkbox"/>	350	Gas
MENEFEE	4845	1406	<input type="checkbox"/>		
MASSIVE POINT LOOKOUT	5199	1052	<input type="checkbox"/>		
Total Depth	5479	772	<input type="checkbox"/>		6-1/4" Hole. 4-1/2", 10.6/11.6 ppf, J-55 STC/LTC casing. Cement with 303 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:		
Reference Type	Well Name	Comments

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.

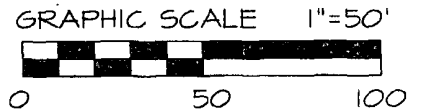
Est Bottom Perf: +872' subsea.

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

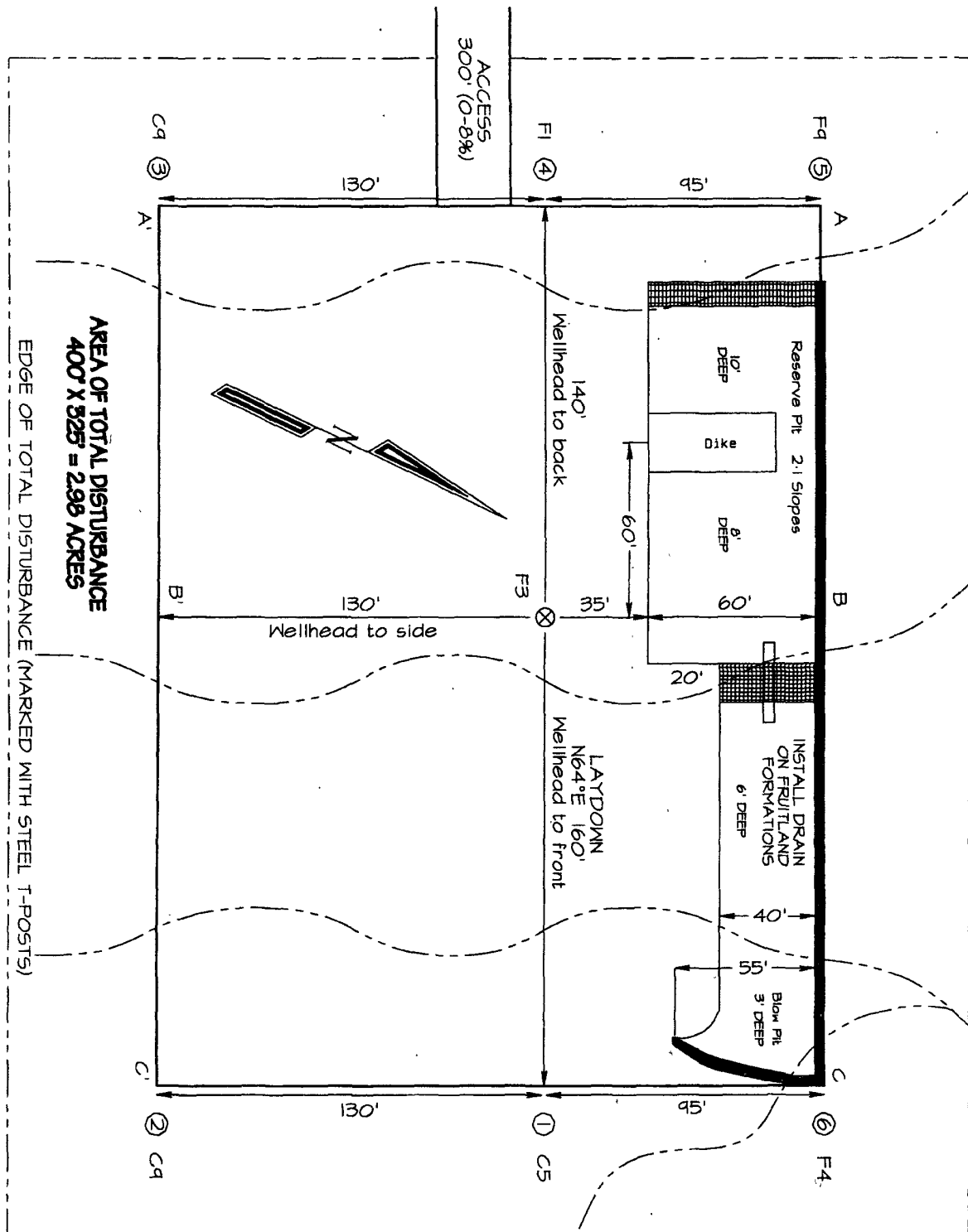
~ SURFACE OWNER ~

Bureau of Land Management

LATITUDE: 36°45.1688'N
LONGITUDE: 107°37.2153'W
DATUM: NAD1927



BURLINGTON RESOURCES OIL & GAS COMPANY HOWELL C #1C
2140' FSL & 680' FEL, SECTION 1, T29N, R8W, NMPM
SAN JUAN COUNTY, NEW MEXICO ELEVATION: 6239'



NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.

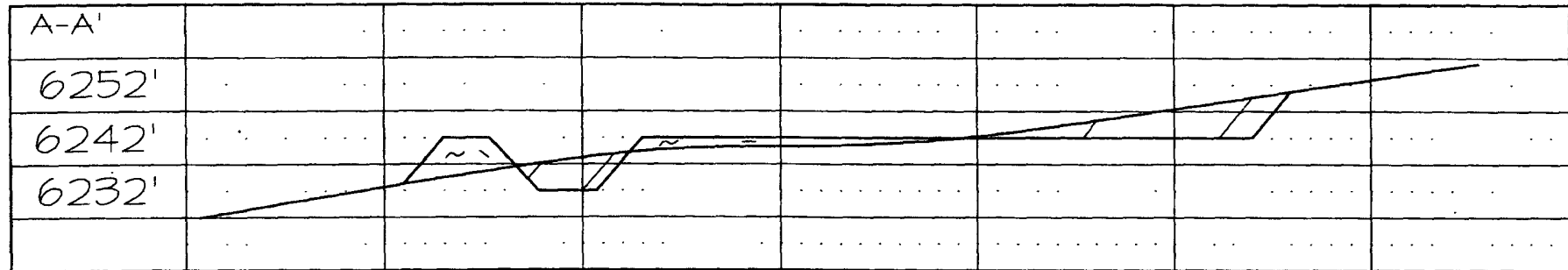
CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

BURLINGTON RESOURCES OIL & GAS COMPANY HOWELL C #1C
2140' FSL & 680' FEL, SECTION 1, T29N, R8W, NMPM
SAN JUAN COUNTY, NEW MEXICO ELEVATION: 6239'

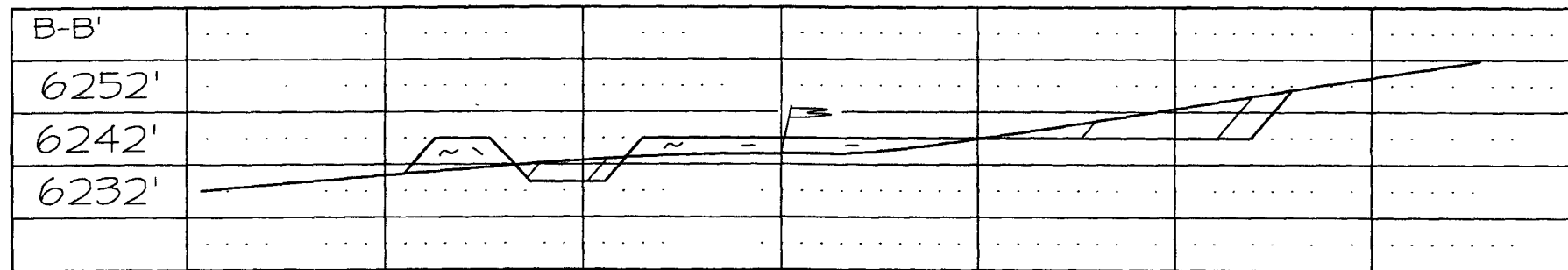
HORIZONTAL SCALE 1"=40'

C/L

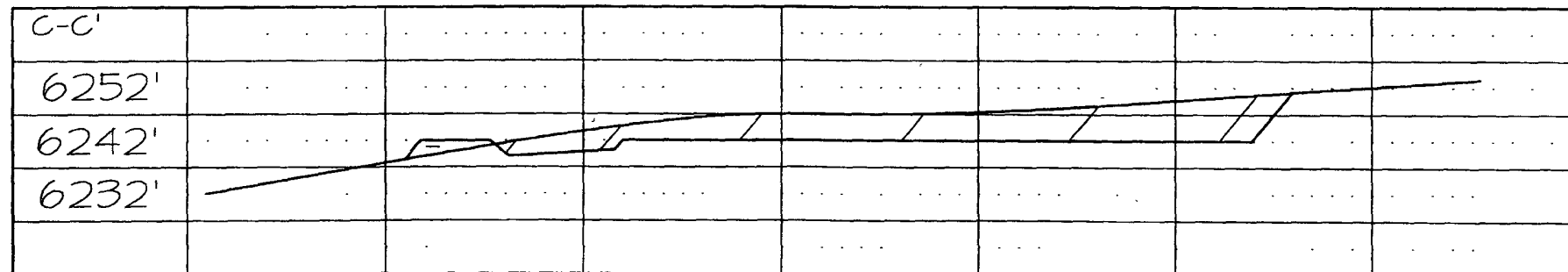
VERTICAL SCALE 1"=30'



C/L



C/L



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