

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	5. Lease Number NMSF -079519A 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 OIL CONS. DIV. San Juan 28-5 Unit DIST. 3	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name	
4. Location of Well Unit O (SWSE), 515' FSL & 2210' FEL Latitude 36.64092 N. Longitude 107.38110 W.	9. Well Number #63M	
10. Field, Pool, Wildcat Basin Dakota/Blanco Mesaverde	11. Sec., Twn, Rge, Mer. (NMPM) 0 Sec. 20, T28N, R5W API # 30-045-39-30433	
14. Distance in Miles from Nearest Town 5 mile/Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 515'	17. Acres Assigned to Well MV 320.00 S/2 DK 320.00E/2	
16. Acres in Lease 171.890 2395.61	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1330' DK, GL from San Juan 28-5 63E	
19. Proposed Depth 8005'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6724' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Jamie Goodwin</u> Jamie Goodwin (Regulatory Technician)	<u>12/3/07</u> Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

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

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

JAN 16 2008

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 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

Bureau of Land Management
Farmington Field Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-38433	*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 7430 7460	*Property Name SAN JUAN 28-5 UNIT	*Well Number 63M
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP	*Elevation 6724'


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
0	20	28N	5W		515	SOUTH	2210	EAST	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
0									
12 Dedicated Acres 320.0 Acres - S/2 (MV) 320.0 Acres - E/2 (DK)					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		5286.60'		17 OPERATOR CERTIFICATION	
		LEASE USA SF-079519-A		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.	
		20		Signature <i>Patsy Clugston</i> Date 7-20-07	
		LEASE USA SF-080516-A		Printed Name Patsy Clugston	
5280.00'		2125'		18 SURVEYOR CERTIFICATION	
		LEASE USA SF-079519-A		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.	
		SURFACE LOCATION LAT: 36.64092°N LONG: 107.38110°W DATUM: NAD83		Date of Survey: JUNE 1, 2007	
		LAT: 36°38.4545'N LONG: 107°22.8301'W DATUM: NAD27		Signature and Seal of Professional Surveyor	
5280.00'		2210'			
		515'		JASON C. EDWARDS	
		425'		Certificate Number 15269	
		5282.64'			

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

Form C-103

May 27, 2004

OIL CONSERVATION DIVISION

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

WELL API NO.

30-039-

30433

5. Indicate Type of Lease

STATE ☐

FEE ☐

6. State Oil & Gas Lease No.

SF-079519-A

7. Lease Name or Unit Agreement Name

San Juan 28-5 Unit

8. Well Number

63M

9. OGRID Number

14538

10. Pool name or Wildcat

Basin DK/Blanco MV

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 : 515' feet from the South line and 2210' feet from the East line
Section 20 Township 28N Rng 5W NMPM County Rio Arriba

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6724'

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:

N/A

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 ☐

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐

CHANGE PLANS ☐

MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

COMMENCE DRILLING OPNS. ☐

CASING/CEMENT JOB ☐

ALTERING CASING ☐

P AND A ☐

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 and an associated vent/flame pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit will be a lined pit 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/flame 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

Sasha Spangler

TITLE

Regulatory Technician

DATE

12-3-07

Type or print name

Sasha Spangler

E-mail address: spangs@concoPhillips.com

Telephone No. 505-326-9568

For State Use Only

Deputy Oil & Gas Inspector,
District #3

APPROVED BY

[Signature]

TITLE

DATE

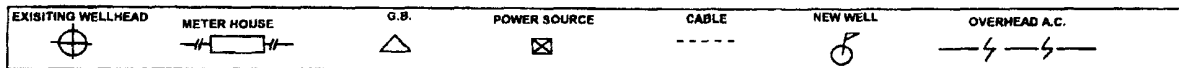
JAN 16 2008

Conditions of Approval (if any):



WELL NAME SJ 28-5 #63M LEGALS 0-20-28-5 COUNTY Rio Arriba

A hand-drawn map showing a road or boundary line. A dashed line leads from the road to a rectangular area labeled "Enterprise P/LC". Inside this area, there is a small square with an "X" and a circle with a musical note. Below these are two boxes labeled "B.P." and "R.P.".



COMMENTS: ✓ for UGAC on roadway no cable markers if there are that instead at AC & rectifier

NEAREST POWER SOURCE SJ 28-5 #63E DISTANCE: 1600'

PIPELINES IN AREA: Enterprise P/L

TECHNICIAN: L. J. H. H. H. H.

DATE: 7/3/07

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

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-5 UNIT 63M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7137		AFE \$:	
Field Name: hBR_SAN JUAN 28-5 UNIT		Rig: Aztec Rig 301		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist: Riley, Brook		Phone: +1 505-324-6108		Prod. Engineer:	
Res. Engineer: McKee, Cory J		Phone: 505-326-9826		Proj. Field Lead:	

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: 36.640912	Longitude: -107.380498	X:	Y:	Section: 20	Range: 005W
Footage X: 2210 FEL	Footage Y: 515 FSL	Elevation: 6724	(FT)	Township: 028N	
Tolerance:					

Location Type: Year Round	Start Date (Est.): 1/1/2008	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 6736	Units = FT
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Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6536	<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.
OJAM	2890	3846	<input type="checkbox"/>			
KRLD	3011	3725	<input type="checkbox"/>			
FRLD	3187	3549	<input type="checkbox"/>			Possible Gas
PCCF	3582	3154	<input type="checkbox"/>			
LEWS	3730	3006	<input type="checkbox"/>			
Intermediate Casing	3830	2906	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 863 cuft. Circulate cement to surface.
CHRA	4518	2218	<input type="checkbox"/>			
UCLFH	5130	1606	<input type="checkbox"/>			Gas
MASSIVE CLIFF HOUSE	5335	1401	<input type="checkbox"/>	668		Gas
MENF	5398	1338	<input type="checkbox"/>			
PTLK	5759	977	<input type="checkbox"/>			
MNCS	6264	472	<input type="checkbox"/>			
GLLP	6921	-185	<input type="checkbox"/>			
GRHN	7669	-933	<input type="checkbox"/>			
GRRS	7736	-1000	<input type="checkbox"/>			
TWLS	7780	-1044	<input type="checkbox"/>	2000		Gas
PAGU	7858	-1122	<input type="checkbox"/>			
CBRO	7872	-1136	<input type="checkbox"/>			
CBRL	7921	-1185	<input type="checkbox"/>			
ENCINAL	8005	-1269	<input type="checkbox"/>			TD T/ENCN
TOTAL DEPTH DK	8005	-1269	<input type="checkbox"/>			6-1/4" Hole. 4-1/2", 10.6/11.6 ppf, J-55 STC/LTC casing. Cement with 596 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:		
Reference Type	Well Name	Comments
Intermediate	SJ 28-5 #17	SW 20-28N-5W

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-5 UNIT 63M

DEVELOPMENT

Production	SJ 28-5 #60	NE 29-28N-5W
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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
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Comments: Location/Tops/Logging - MVNM028N005W20SE2 DK 28N05W20SE2 Avoid J & P, no other wells, prefer O (target road farthest from 63E) and I.

Zones - MVNM028N005W20SE2 DK 28N05W20SE2

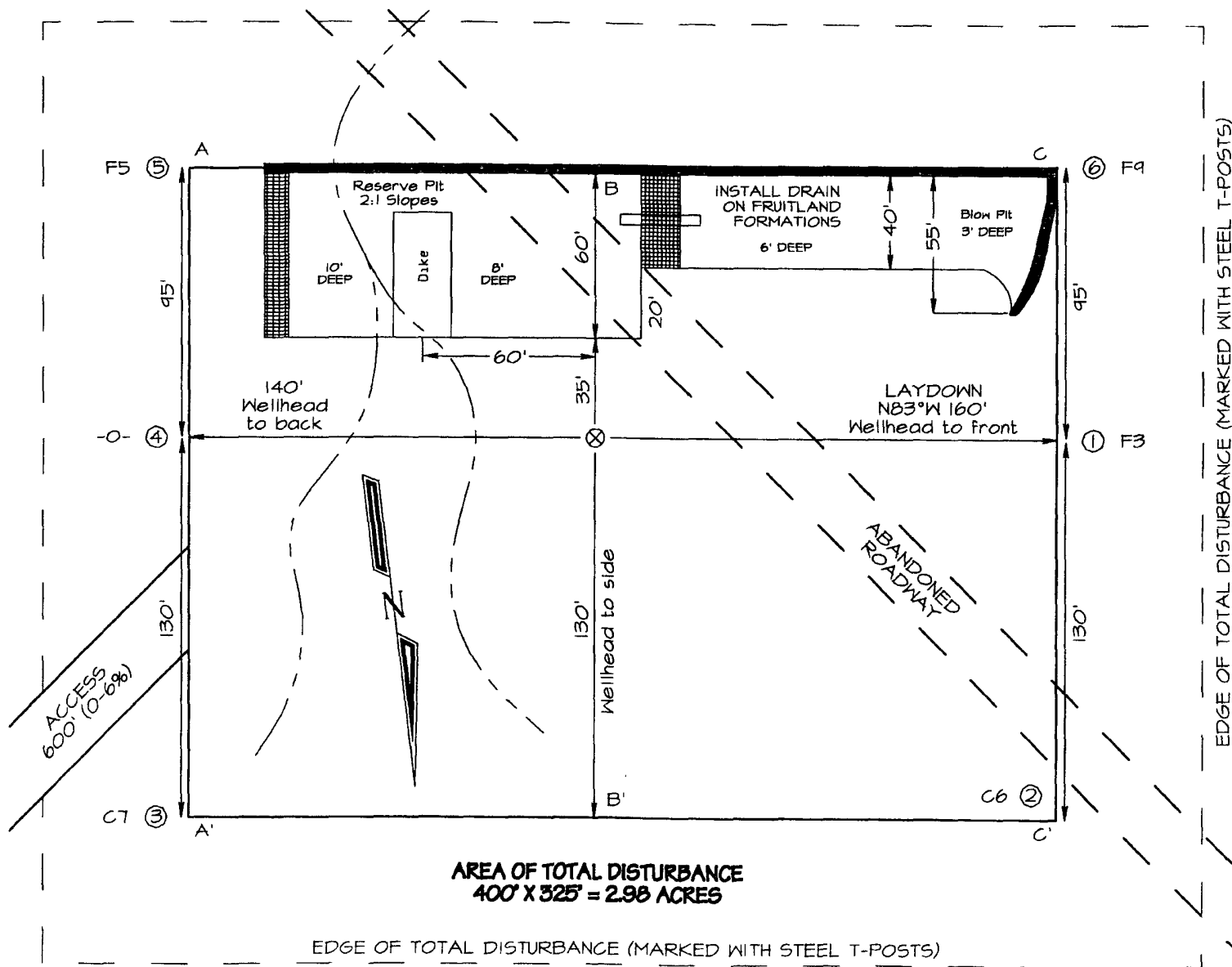
General/Work Description - LEWIS FORMATION INCLUDED

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 28-5 UNIT #63M
515' FSL & 2210' FEL, SECTION 20, T28N, R5W, NMPM
RIO ARriba COUNTY, NEW MEXICO ELEVATION: 6724'



LATITUDE: 36°38.4545'N
 LONGITUDE: 107°22.8301'W
 DATUM: NAD1927

~ SURFACE OWNER ~
 Bureau of Land Management



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

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

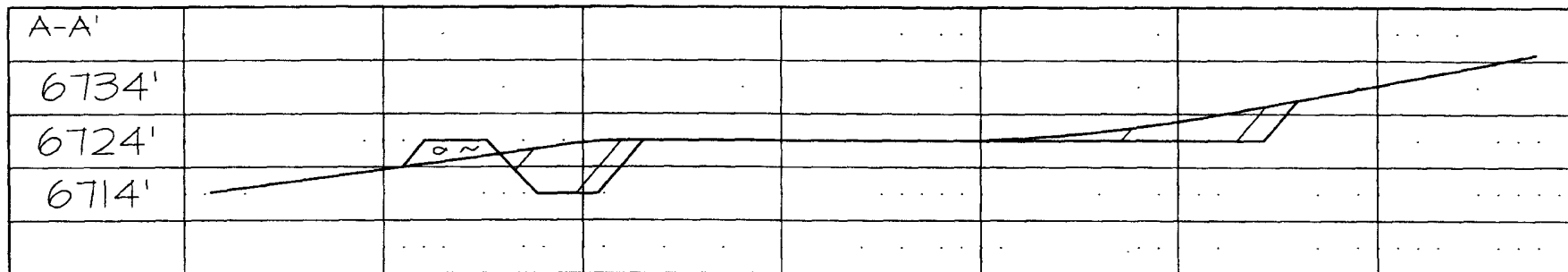
NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.
 CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND
 UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 28-5 UNIT #63M
515' FSL & 2210' FEL, SECTION 20, T28N, R5W, NMPM
RIO ARriba COUNTY, NEW MEXICO ELEVATION: 6724'

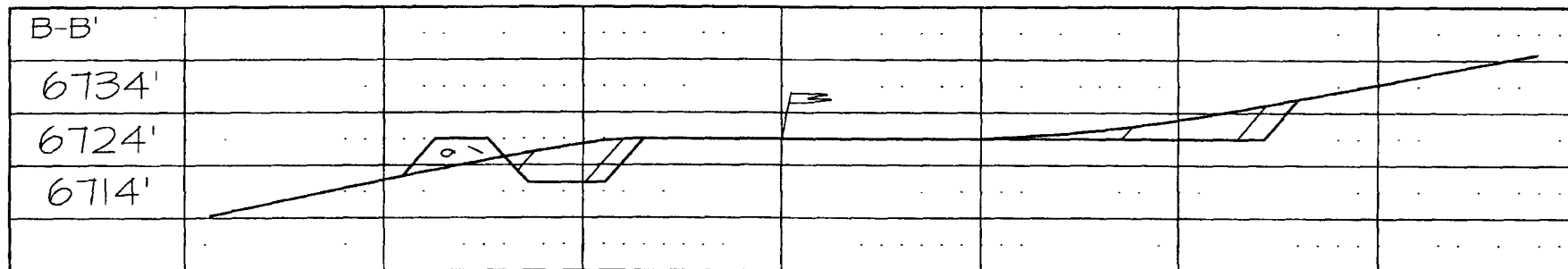
HORIZONTAL SCALE 1"=40'

C/L

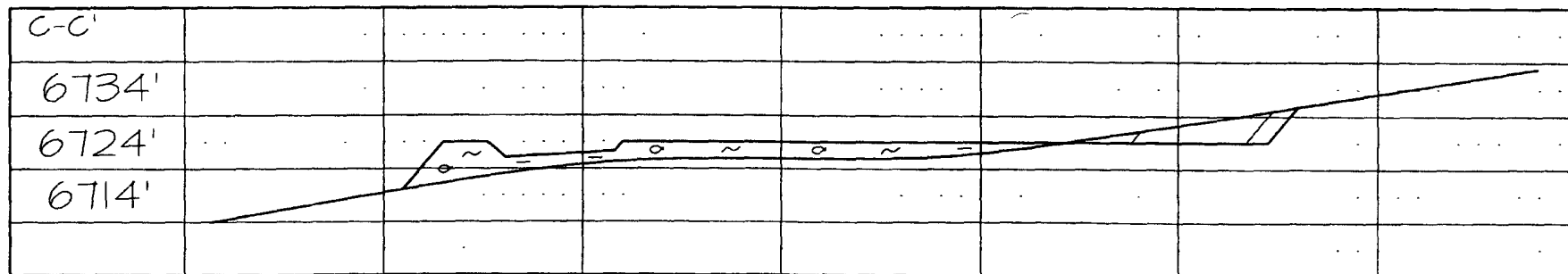
VERTICAL SCALE 1"=30'



C/L



C/L



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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.