

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD SEP 28 '07
OIL CONS. DIV.

DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2007 SEP -4 PM 2:37

1a. Type of Work DRILL	5. Lease Number USA SF-080668 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 San Juan 27-4 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 9. Well Number #147Y	
4. Location of Well Surf:Unit O(SWSE), 910' FSL & 1910' FEL Latitude 36° 35.8416 N Longitude 107° 14.1337 W	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) 0 Sec. 3, T27N, R4W API # 30-039- 30343	
14. Distance in Miles from Nearest Town 26 mile/Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 910'	17. Acres Assigned to Well 319.96 (E/2)	
16. Acres in Lease	18. Distance from Proposed Location to Nearest Well, Drlg. Compl. or Applied for on this Lease 1800' from San Juan 27-4 Unit #140A	
19. Proposed Depth 6623'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 7140' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached	24. Authorized by: <u>Rhonda Rogers</u> Rhonda Rogers (Regulatory Technician)	
		8-31-07 Date

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE AFM DATE 9/27/07

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

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

OCT 01 2007

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-402
Revised October 12, 2005
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039- 30343		Pool Code 72319	Pool Name BLANCO MESAVERDE
Property Code 7452	Property Name SAN JUAN 27-4 UNIT		Well Number 147Y
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP		Elevation 7140'

10 Surface Location

UL or lot no. 0	Section 3	Township 27N	Range 4W	Lot 1st 910	Feet from the 910	North/South line SOUTH	Feet from the 1910	East/West line EAST	County RIO ARriba
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11 Bottom Hole Location If Different From Surface

UL or lot no. 0	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres 319.96 Acres (E/2)	Joint or Infill	Consolidation Code	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

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 Kandis Roland	
				Date 10/23/07	
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: APRIL 18, 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.

30-039-30343

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

Federal Lease #USA SF-080668

7. Lease Name or Unit Agreement Name

San Juan 27-4 Unit

8. Well Number

#147Y

9. OGRID Number

14538

10. Pool name or Wildcat

Blanco Mesaverde

SUNDY 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 : 910' feet from the South line and 1910' feet from the East line
Section 3 Township 27N Rng 4W NMPM County Rio Arriba

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

7140'

Pit or Below-grade Tank Application

☐ or Closure ☐Pit type New Drill

Depth to Groundwater

<50

Distance from nearest fresh water well

>1000

Distance from nearest surface water

<1000

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 ☐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.

RCVD SEP 28 '07

OIL CONS. DIV.

DIST. 3

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

8-31-07

Type or print name

Rhonda Rogers

E-mail address:

rogerrs@conocophillips.com

Telephone No.

505-599-4018

For State Use Only

Deputy Oil & Gas Inspector,

District #3

APPROVED BY

TITLE

DATE

OCT 01 2007

Conditions of Approval (if any):

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 27-4 UNIT 147Y

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7219		AFE \$: 1,553,460.00	
Field Name: hBR_SAN JUAN 27-4 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				
R20002	MESAVERDE(R20002)				
Location: Surface Datum Code: NAD 27 Straight Hole					
Latitude: 36.597560	Longitude: -107.235561	X:	Y:	Section: 03	Range: 004W
Footage X: 1910 FEL	Footage Y: 910 FSL	Elevation: 7140	(FT)	Township: 027N	
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2008		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 7156 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6956	<input type="checkbox"/>		
OJO ALAMO	3404	3752	<input type="checkbox"/>		
KIRTLAND	3631	3525	<input type="checkbox"/>		
FRUITLAND	3704	3452	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	4031	3125	<input type="checkbox"/>		
LEWIS	4138	3018	<input type="checkbox"/>		
Intermediate Casing	4238	2918	<input type="checkbox"/>		
HUERFANITO BENTONITE	4606	2550	<input type="checkbox"/>		
CHACRA	5006	2150	<input type="checkbox"/>		
UCLFH	5621	1535	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	5821	1335	<input type="checkbox"/>	711	Gas
MENEFEE	5896	1260	<input type="checkbox"/>		
MASSIVE POINT LOOKOUT	6196	960	<input type="checkbox"/>		BP est 6523'
Total Depth	6623	533	<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.					
8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 955 cuft. Circulate cement to surface.					
6-1/4" Hole. 4-1/2", 10.6/11.6 ppf, J-55 STC/LTC casing. Cement with 330 cuft. Circulate cement a minimum of 100' inside the previous casing string.					
Reference Wells:					
Reference Type	Well Name		Comments		
Production	SJ 27-4 #152		SW 3-27N-4W		

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 27-4 UNIT 147Y

DEVELOPMENT

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 - MVNM027N004W03SE1 Stake at 910' FSL & 1910' FEL. NOTE: This well is adjacent to 27-4 147A, J&A.
Stuck drillpipe at Intermediate TD of 4266'.

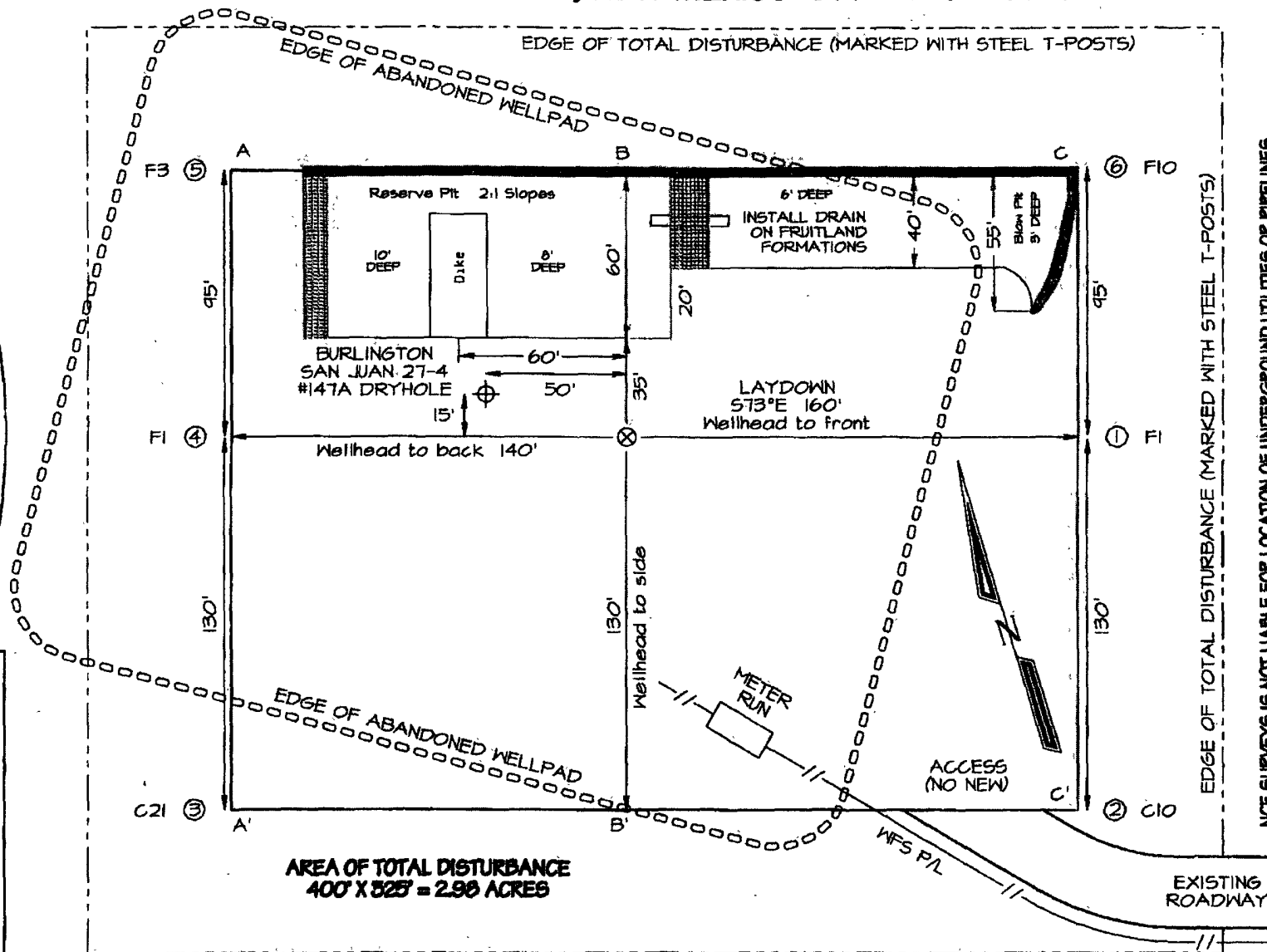
Zones - MVNM027N004W03SE1

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 27-4 UNIT #147Y
910' FSL & 1910' FEL, SECTION 3, T27N, R4W, NMPM
RIO ARriba COUNTY, NEW MEXICO ELEVATION: 7140'

GRAPHIC SCALE 1"=50'

LATITUDE: 36°35.8416N
 LONGITUDE: 107°14.1337W
 DATUM: NAD1921

~ SURFACE OWNER ~
 Carson National Forest



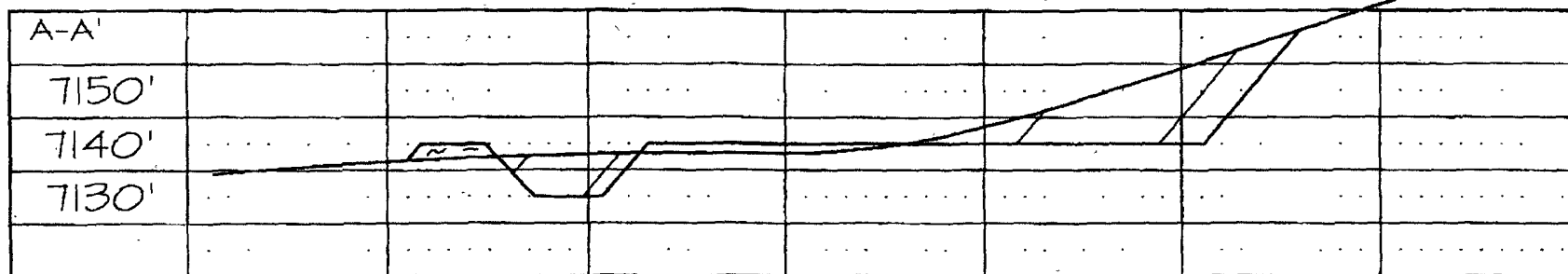
NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.
 CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 27-4 UNIT #147Y
910' FSL & 1910' FEL, SECTION 3, T27N, R4W, NMPM
RIO ARriba COUNTY, NEW MEXICO ELEVATION: 7140'

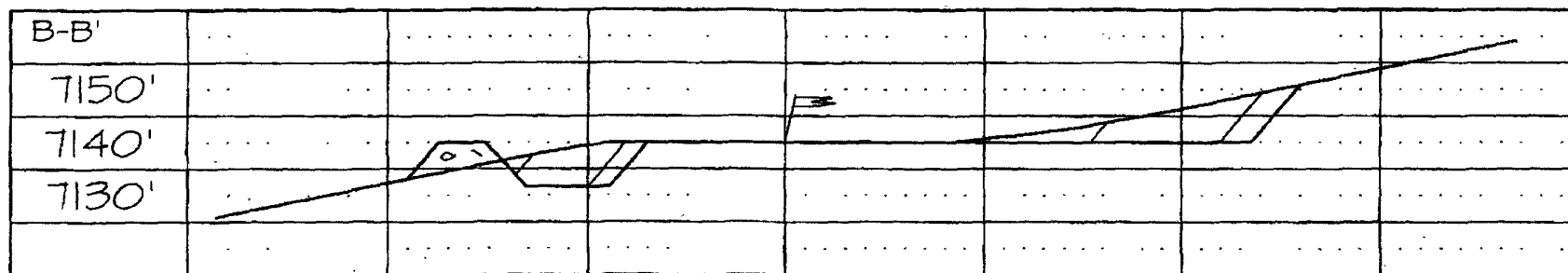
HORIZONTAL SCALE 1"=40'

C/L

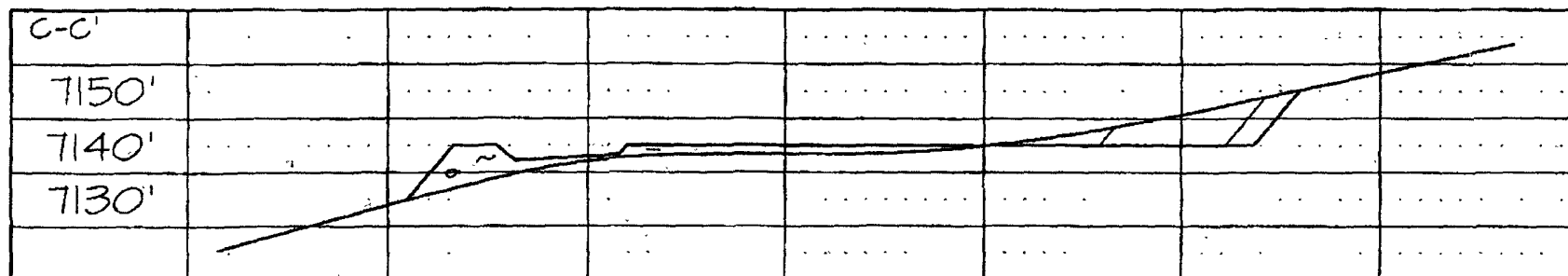
VERTICAL SCALE 1"=30'



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.