

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 17 2008

Bureau of Land Management
State Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA SF-078356 Unit Reporting Number NMNM-78394B	
1b. Type of Well GAS	6. If Indian, All. or Tribe RCVD APR 28 '08	
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name Huerfanito Unit OIL CONS. DIV. DIST. 2	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name	
4. Location of Well Surf: Unit G(SWNE), 2500' FNL & 1535' FEL Surf: Latitude 36.56117° N Longitude 107.77207° W	9. Well Number #96E 10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) G Sec. 22, T27N, R9W API # 30-045-34690	
14. Distance in Miles from Nearest Town 29 Miles/Bloomfield	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1535'	17. Acres Assigned to Well 320 Acres (E/2)	
16. Acres in Lease 1440 Acres	20. Rotary or Cable Tools Rotary	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1660' from Huerfanito #96 DK	22. Approx. Date Work will Start	
19. Proposed Depth 6923'	23. Proposed Casing and Cementing Program See Operations Plan attached	
21. Elevations (DF, FT, GR, Etc.) 6285' GR	24. Authorized by: <u>Sasha Spangler</u> Sasha Spangler (Regulatory Technician)	
		<u>4-17-08</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 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

APR 29 2008

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

RECEIVED

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505 Bureau of Land Management

Farmington Field Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- 34690		*Pool Code 71599	*Pool Name BASIN DAKOTA
*Property Code 7138	*Property Name HUERFANITO UNIT		*Well Number 96E
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP		*Elevation 6285'

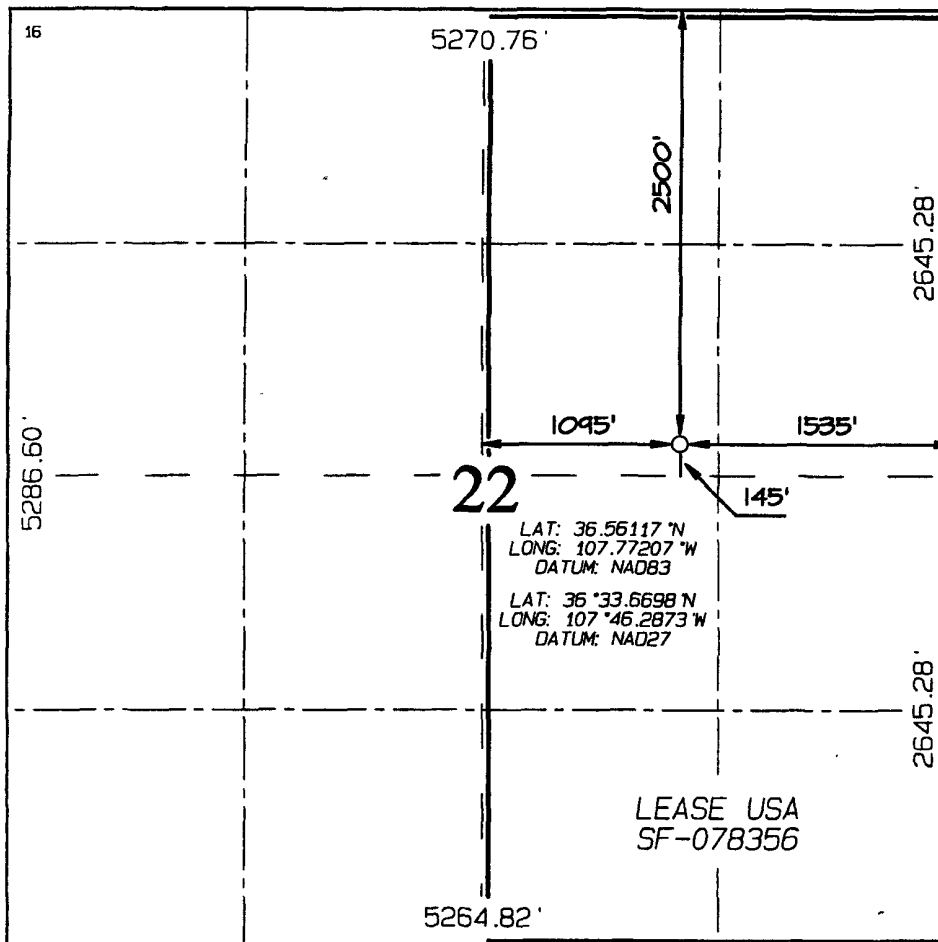
¹⁰ Surface Location

UL or lot no	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
G	22	27N	9W		2500	NORTH	1535	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
G									
¹² Dedicated Acres 320.0 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.

Sasha Spangler 04-17-08
Signature Date
Sasha Spangler
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.

Survey Date: NOVEMBER 26, 2007

Signature and Seal of Professional Surveyor



Jason C. Edwards
Certificate Number 15269

Office

Energy, Minerals and Natural Resources

May 27, 2004

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-045-34690

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

SF-078356

7. Lease Name or Unit Agreement Name

Huerfanito Unit

8. Well Number

#96E

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 G : 2500 feet from the North line and 1535 feet from the East line
Section 22 Township 27N Rng 9W NMPM County San Juan

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

6285' GR

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

>100'

Pit Liner Thickness:

12

mil

Below-Grade Tank:

Volume

4400

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 Pit ☒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

Crystal Walker

TITLE

Regulatory Technician

DATE

3/25/2008

Type or print name

Crystal Walker

E-mail address:

crystal.walker@conocophillips.com

Telephone No.

505-326-9837

For State Use Only

APPROVED BY

[Signature]

TITLE

Deputy Oil & Gas Inspector,
District #3

DATE

APR 29 2008

Conditions of Approval (if any):

COMPANY

Burlington Resources

CHARGE CODE

WAN.RFE.PD07.BV

WELL NAME

Huerfanito # 96 E

DATE

12/14/2007

DUAL WELL

WELL NAME

TRIPLE WELL

WELL NAME

COORDINATES

SEC

TNSHP

RNGE

LATITUDE

LONGITUDE

22

27 N

9 W

38.520233 N

108.009747 W

COUNTY

San Juan

RECTIFIER

SOLAR

GROUND BED

240 V METER POLE

480 V METER POLE

D C CABLES

A C CABLES

PRIMARY POWER

DISTANCE TO POWER

UNDERGROUND

PUMPJACK

WATER PUMP

COMPRESSOR

RTU

SAMS

TANKS

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
single	x			
	x			
# 8	300 ft			
			1 mile	

Jemez

COMMENTS

may have some sandstone

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HUERFANITO UNIT 96E

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7217		AFE \$: 607,551.70	
Field Name: hBR_SAN JUAN		Rig: XXX Deferred RAM		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		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: 36.561161	Longitude: -107.771455	X:	Y:	Section: 22	Range: 009W
Footage X: 1535 FEL	Footage Y: 2500 FNL	Elevation: 6285	(FT)	Township: 027N	
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2020		Completion Date:	
Date In Operation:					
Formation Data: Assume KB = 6299 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	320	5979	<input type="checkbox"/>		
OJO ALAMO	1323	4976	<input type="checkbox"/>		
KIRTLAND	1454	4845	<input type="checkbox"/>		
FRUITLAND	1979	4320	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	2243	4056	<input type="checkbox"/>		
LEWIS	2289	4010	<input type="checkbox"/>		
HUERFANITO BENTONITE	2525	3774	<input type="checkbox"/>		
CHACRA	2750	3549	<input type="checkbox"/>		
UPPER CLIFF HOUSE	3784	2515	<input type="checkbox"/>		
MENEFEE	3869	2430	<input type="checkbox"/>		
POINT LOOKOUT	4528	1771	<input type="checkbox"/>	1154	GAS
MANCOS	4693	1606	<input type="checkbox"/>		
UPPER GALLUP	5711	588	<input type="checkbox"/>		
GREENHORN	6524	-225	<input type="checkbox"/>		
GRANEROS	6584	-285	<input type="checkbox"/>		
TWO WELLS	6628	-329	<input type="checkbox"/>	1550	Gas
PAGUATE	6693	-394	<input type="checkbox"/>		
CUBERO	6751	-452	<input type="checkbox"/>		
LOWER CUBERO	6759	-460	<input type="checkbox"/>		
ENCINAL	6819	-520	<input type="checkbox"/>		
Total Depth	6889	-590	<input type="checkbox"/>		
BURRO CANYON	6915	-616	<input type="checkbox"/>		
MORRISON	6923	-624	<input type="checkbox"/>		
Reference Wells:					
Reference Type	Well Name	Comments			
Production	HUERFANITO 44	27N-9W22 NE SW NW			
Production	SKELLY-GOVT 1	27N-9W22 SW NW			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HUERFANITO UNIT 96E

DEVELOPMENT

Production	HUERFANITO 96	27N-9W22 NE NE
Production	HUERFANITO 53	27N-9W22 NE SW NE

Logging Program:

Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

Cased Hole GR / CBL

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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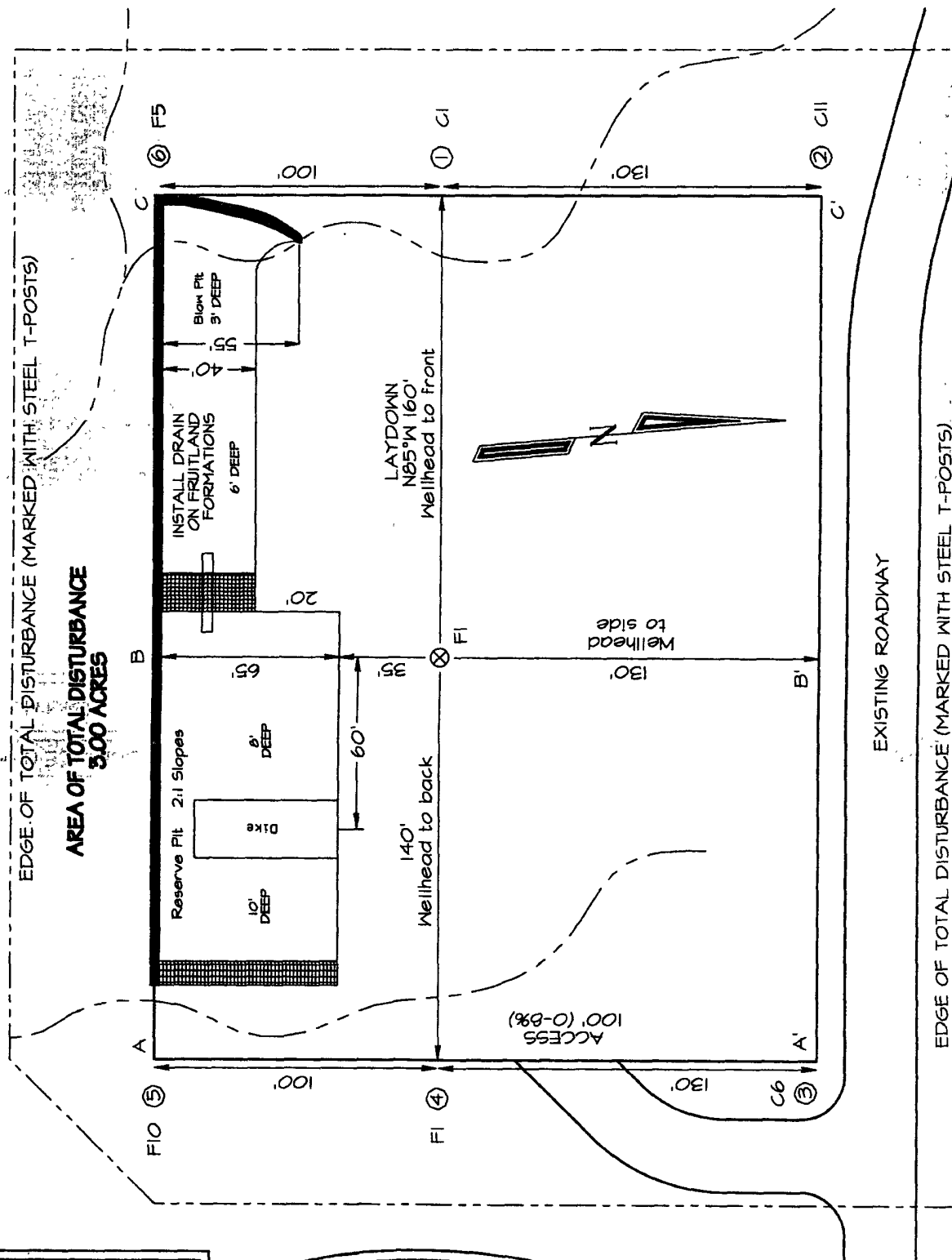
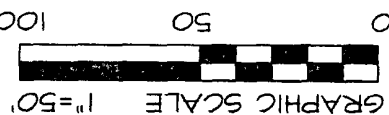
BURLINGTON RESOURCES OIL & GAS COMPANY HUERFANITO UNIT #96E
2500' FNL & 1535' FEL, SECTION 22, T27N, R9W, NMPM
SAN JUAN COUNTY, NEW MEXICO ELEVATION: 6285'

Bureau of Land Management

~ SURFACE OWNER ~

LATITUDE: 36°38.669'N
 LONGITUDE: 107°46.2875'W

DATUM: NAD1927



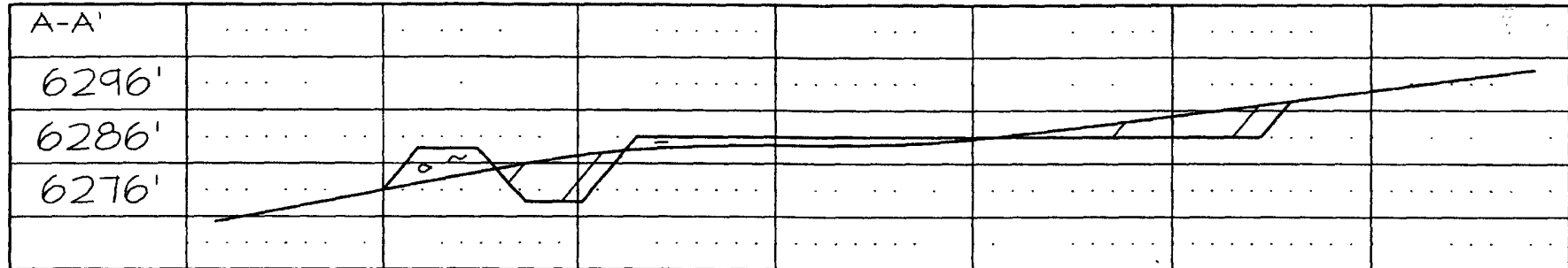
NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.
 CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

BURLINGTON RESOURCES OIL & GAS COMPANY HUERFANITO UNIT #96E
2500' FNL & 1535' FEL, SECTION 22, T27N, R9W, NMPM
SAN JUAN COUNTY, NEW MEXICO ELEVATION: 6285'

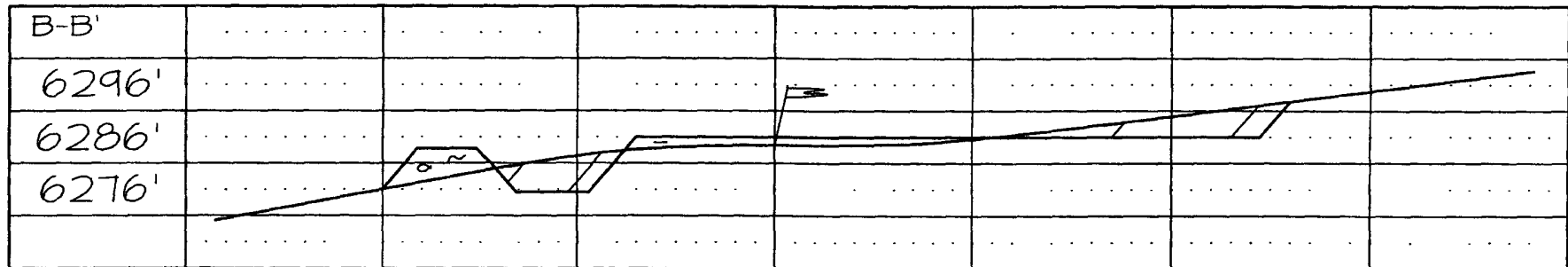
HORIZONTAL SCALE 1"=40'

C/L

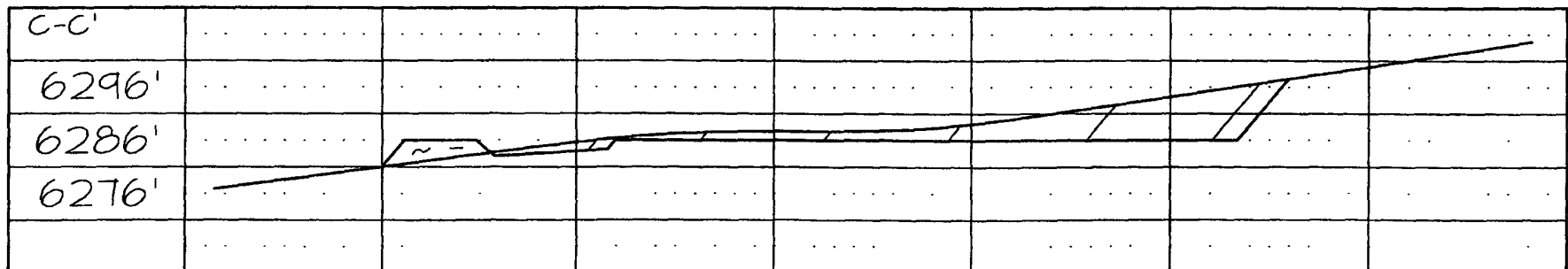
VERTICAL SCALE 1"=30'



C/L



C/L



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