

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD NOV 13 '07

OIL CONS. DIV.

DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA SF-078207 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 King 9. Well Number #3
4. Location of Well Unit A (NENE), 1005' FNL & 775' FEL Surf: Latitude 36° 48.1275 N Longitude 107° 51.8730 W	10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) A Sec. 22, T30N, R10W API # 30-045-34456
14. Distance in Miles from Nearest Town 8 mile/Aztec	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 775'	
16. Acres in Lease 323.22	17. Acres Assigned to Well DK 323.22 (E/2)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 53' from King 200	
19. Proposed Depth 7529'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6328' 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)	NOTIFY AZTEC OCD 24 HRS. PRIOR TO CASING & CEMENT 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".

NMOCD

NOV 20 2007

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, N.M. 88240

DISTRICT II
1301 West Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 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

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OCT 4 2007

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045- 34450	² Pool Code 71599	³ Pool Name BASIN DAKOTA
⁴ Property Code 7224	⁵ Property Name KING	⁶ Well Number 3
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6328'

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	22	30-N	10-W	1	1005'	NORTH	775'	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 DK - 323.22 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

16

LOT 4	LOT 3	LOT 2	LOT 1
LOT 5	LOT 6	LOT 7	LOT 8
LOT 12	LOT 11	LOT 10	LOT 9
LOT 13	LOT 14	LOT 15	LOT 16

USA SF-078207

22

N 88° 44' 52" W
2886.96'

1005'

775'

S 1° 10' 41" W
8634.28'

LAT: 36° 48' 1275" N.
LONG: 107° 51' 8730" W.
NAD 1987

LAT: 36.802130° N.
LONG: 107.865169° W.
NAD 1983

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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Patsy Clugston
Signature
Patsy Clugston 7/26/07
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.

7-7-07
Date of Survey
Signature
NEW MEXICO
15703
LICENSED PROFESSIONAL SURVEYOR
Certificate Number 15703

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- 34456

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

Federal Lease #USA SF-078207

7. Lease Name or Unit Agreement Name

KING

8. Well Number

#3

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 : 1005' feet from the North line and 775' feet from the East line
Section 22 Township 30N Rng 10W NMPM County San Juan

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

6328'

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

Pit Liner Thickness:

12 mil

Below-Grade Tank:

Volume

bbls;

Construction Material

Synthetic

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, ~~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

10-4-07

Type or print name

Rhonda Rogers

E-mail address:

rogers@conocophillips.com

Telephone No.

505-599-4018

For State Use Only

APPROVED BY

TITLE

Deputy Oil & Gas Inspector

DATE

NOV 20 2007

Conditions of Approval (if any):

Vulnerable area - Close pits according to Rule 60.F.1
Lined and removed

District #3

Pits to be

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

KING 3

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7267		AFE \$: 663,382.85	
Field Name: hBR SAN JUAN		Rig: H&P Rig 282		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:	
				Phone:	

Primary Objective (Zones):

Zone	Zone Name
FRR	BASIN DAKOTA (PRORATED GAS)

Location: Surface Datum Code: NAD 27 Straight Hole

Latitude: 36.802146	Longitude: -107.864541	X:	Y:	Section: 22	Range: 010W
Footage X: 775 FEL	Footage Y: 1005 FNL	Elevation: 6328	(FT)	Township: 030N	
Tolerance:					

Location Type: Year Round	Start Date (Est.): 1/1/2008	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 6344	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	6144	<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	1635	4709	<input type="checkbox"/>			
KRLD	1708	4636	<input type="checkbox"/>			
FRLD	2315	4029	<input type="checkbox"/>			Possible Gas
PCCF	2949	3395	<input type="checkbox"/>			
LEWS	3114	3230	<input type="checkbox"/>			
CHRA	3951	2393	<input type="checkbox"/>			
UCLFH	4397	1947	<input type="checkbox"/>			Gas
MASSIVE CLIFF HOUSE	4567	1777	<input type="checkbox"/>	596		Gas
MENF	4746	1598	<input type="checkbox"/>			
Intermediate Casing	4896	1448	<input type="checkbox"/>			8 3/4" Hole. 7", 20/23 ppf, J-55, STC/LTC Casing. Cement with 1103 cuft. Circulate cement to surface.
PTLK	5202	1142	<input type="checkbox"/>			
MNCS	5570	774	<input type="checkbox"/>			
GLLP	6461	-117	<input type="checkbox"/>			
GRHN	7201	-857	<input type="checkbox"/>			
GRRS	7252	-908	<input type="checkbox"/>			
TWLS	7302	-958	<input type="checkbox"/>	1975		Gas
CBRO	7397	-1053	<input type="checkbox"/>			
CBRL	7446	-1102	<input type="checkbox"/>			
ENCINAL	7489	-1145	<input type="checkbox"/>			TD 40' below T/ENCN
TOTAL DEPTH DK	7529	-1185	<input type="checkbox"/>			6-1/4" Hole. 4-1/2", 10.6/11.6 ppf, J-55 STC/LTC casing. Cement with 363 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:

Reference Type	Well Name	Comments
Intermediate	King 1	NE 22-30N-10W
Production	Sunray A 1B	SE 15-30N-10W

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

KING 3

DEVELOPMENT

Logging Program:

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

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

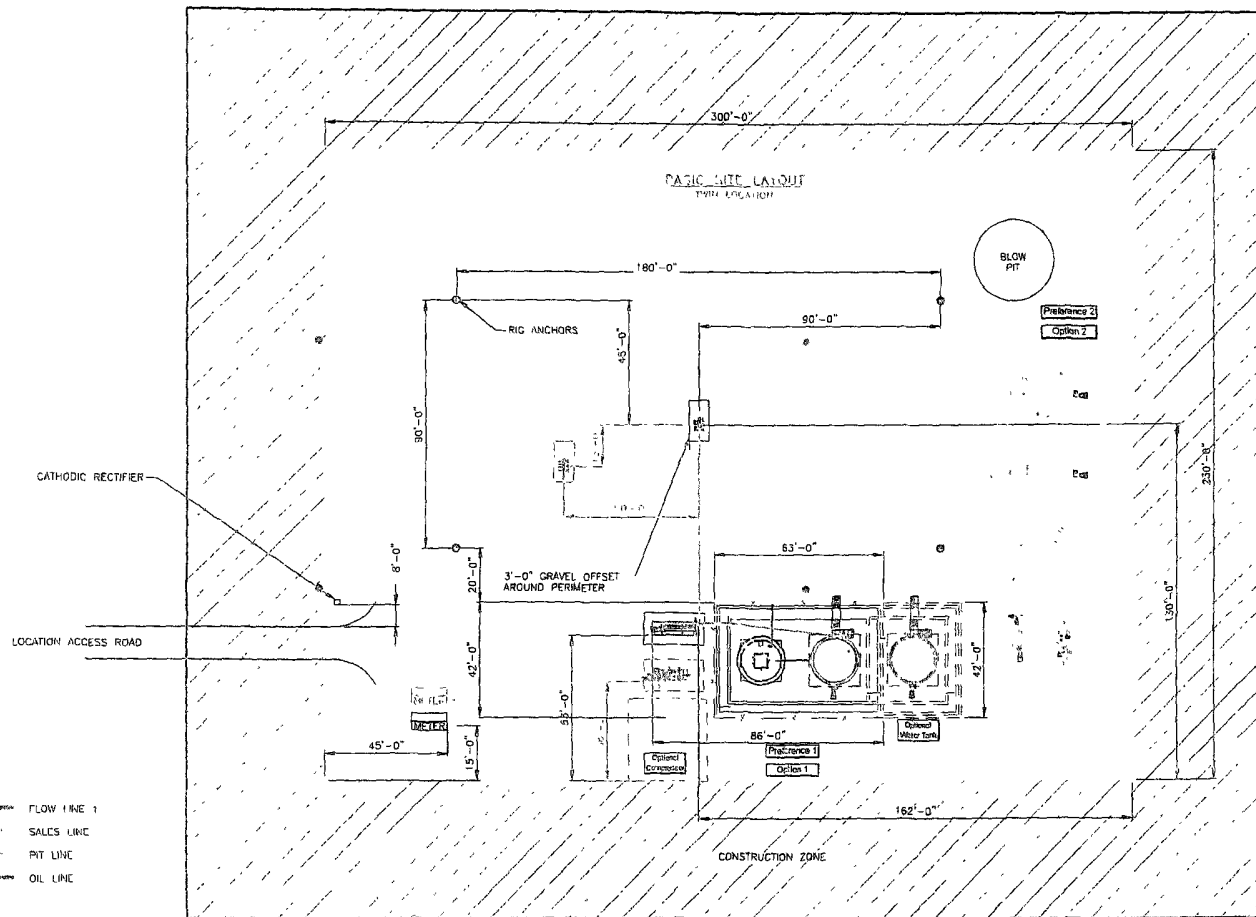
GR_CBL, MUDLOG 100' above GRHN to TD

Additional Information:


Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - DKNM030N010W22NE2 Twin T S King 1 (MV) or King 200 (FTC) in unit A or King 1B in unit G, else prefer A,G,H,B. MUDLOG 100' above GRHN to TD

Zones - DKNM030N010W22NE2



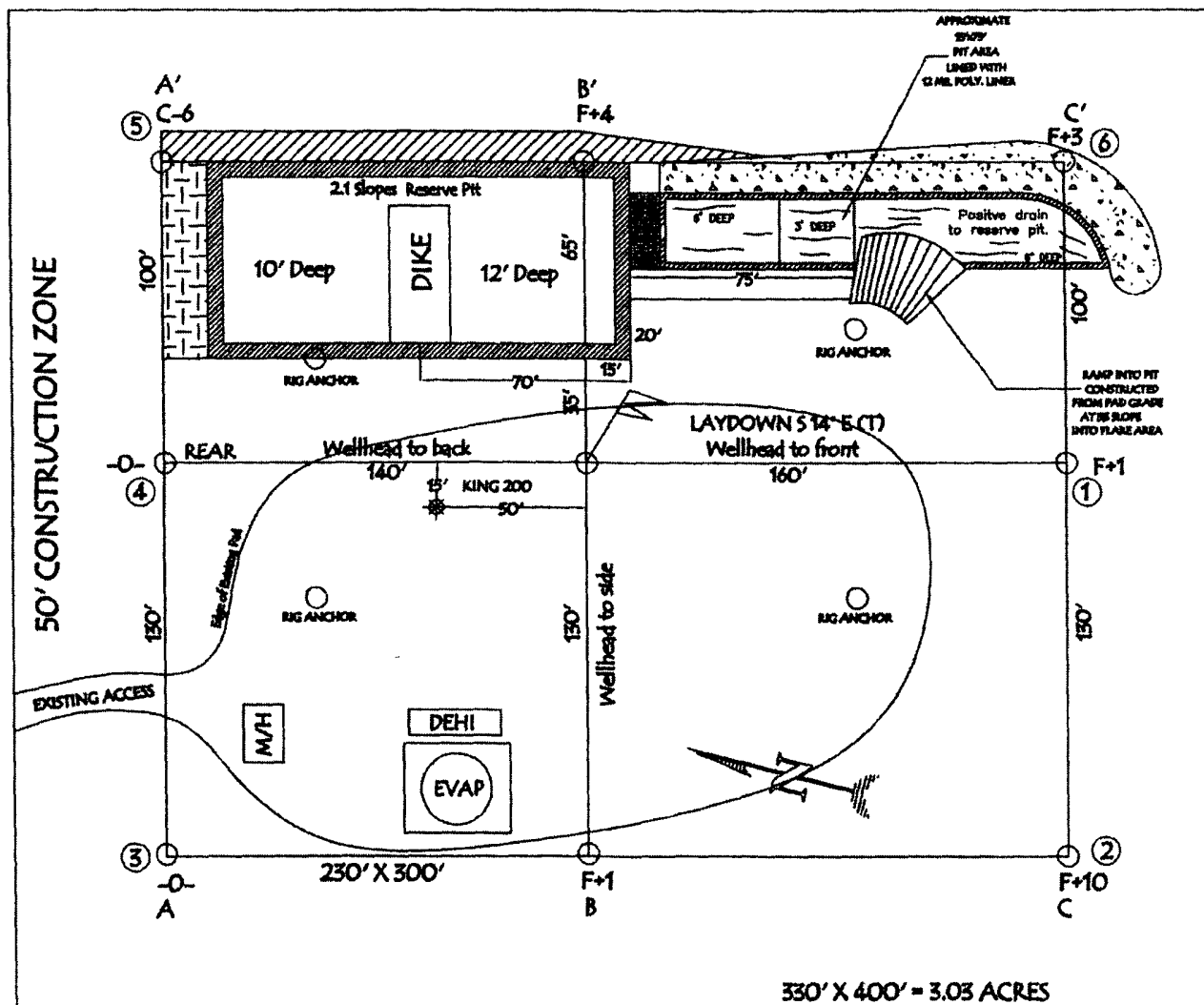
SHEET 1 OF 5

										ENGINEERING REVIEW			REFERENCE DRAWINGS		<div></div>			CONOCOPHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT			
										DISCIPLINE	REVIEWED	DATE	NO	DESCRIPTION							
										PROCESS						SAN JUAN BUSINESS UNIT			CLIENT No.	CLIENT APPR	APPRO. DATE
										MECHANICAL									DESIGN BY	SCALE NAME	LOCATION DATE 6/26/07
										PIPING									600 Fts.		
										ELECTRICAL									HP3PHASE-REV1		
										I & C											
										CIVIL/STRUCTURAL											
										DESCRIPTION	DATE	BY	CHKD	DSG	BY				SHEET No.		
																			1 OF 5		

CONOCOPHILLIPS COMPANY, 6000 LEXINGTON AVENUE, SUITE 100, NEW YORK, NY 10017-2499

BURLINGTON RESOURCES OIL & GAS COMPANY LP
KING 3, 1005' FNL & 775' FEL
SECTION 22, T-30- N, R-10-W, NMPM, SAN JUAN COUNTY, NM
GROUND ELEVATION: 6328', DATE: JULY 10, 2007

RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE COVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE.
 BLOW PIT: OVERFLOW PIPE 4' ABOVE BOTTOM OF BLOW PIT.



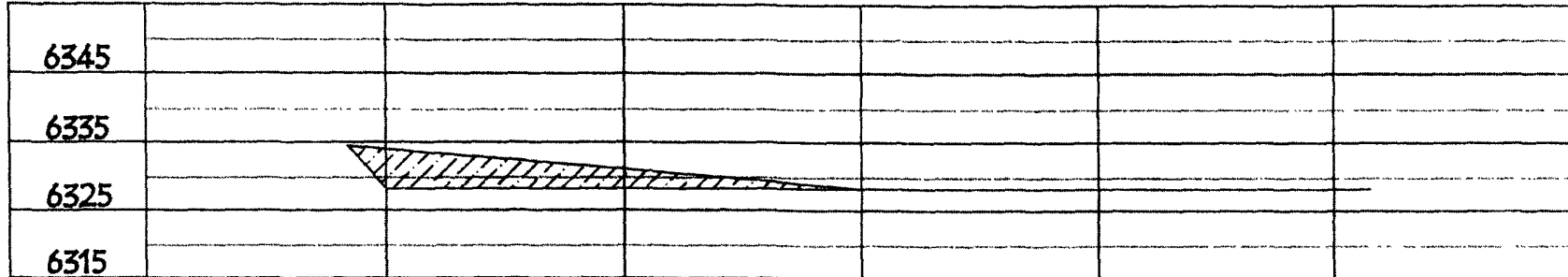
NOTE: VECTOR SURVEYS LLC IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
 CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED
 PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

LAT: 36° 48.1275' N LONG: 107° 51.8730' W NAD27

BURLINGTON RESOURCES OIL & GAS COMPANY LP
 KING 3, 1005' FNL & 775' FWL
 SECTION 22, T-30- N, R-10-W, NMPM, SAN JUAN COUNTY, NM
 GROUND ELEVATION: 6328', DATE: JULY 10, 2007

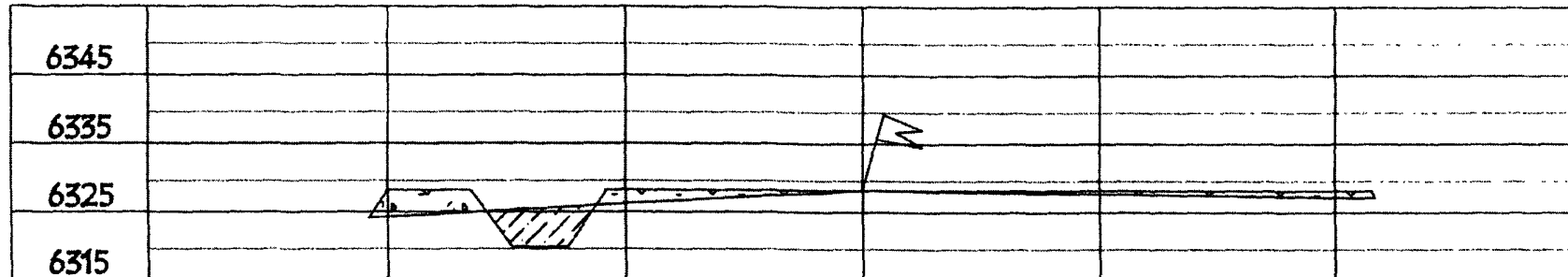
ELEV. A'-A

C/L



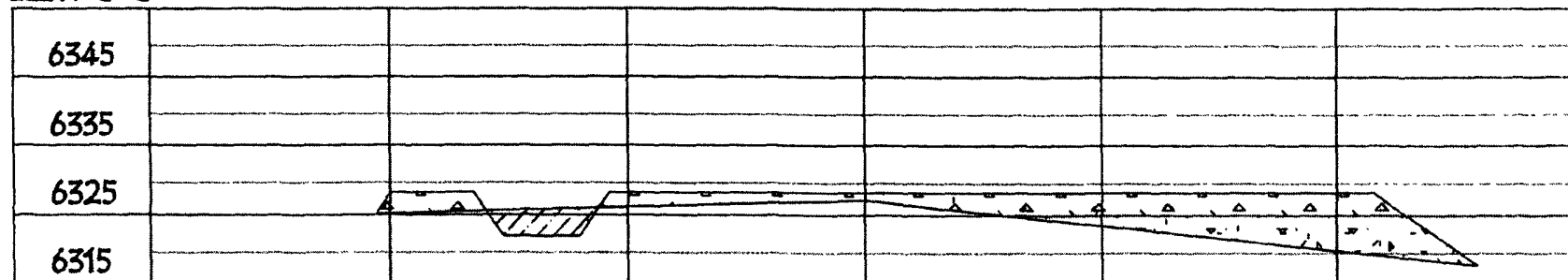
ELEV. B'-B

C/L



ELEV. C'-C

C/L



NOTE: VECTOR SURVEYS LLC IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
 CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED
 PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.