

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA SF-078050 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. DIST. 3
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Turner Hughes 9. Well Number #15M
4. Location of Well Unit O(SWSE), 870' FSL & 1610' FEL Surf: Latitude 36° 35.951226 N Longitude 107° 46.276030 W	10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 3, T27N, R9W API # 30-045-34455
14. Distance in Miles from Nearest Town 15 mile/Blanco	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 870'	
16. Acres in Lease 1195.05	17. Acres Assigned to Well MV/DK 293.97 (E/2)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 827' from Turner Hughes 3	
19. Proposed Depth 6916'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6246' GL	22. Approx. Date Work will Start 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
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: Rhonda Rogers (Regulatory Technician)	Date 10-4-07

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 13 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, NM 88240

District II

1161 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
Submit to Appropriate District Office
State Lease - 7 Copies
Fee Lease - 3 Copies

Bureau of Land Management
Farmington Field Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-34455		2 Pool Code 72319/71599		3 Pool Name MESAVERDE / DAKOTA					
4 Property Code 7614		5 Property Name TURNER HUGHES						6 Well Number 15M	
7 OGRID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY						9 Elevation 6246	
10 SURFACE LOCATION									
UL or lot no. 0	Section 3	Township 27-N	Range 9-W	Lot Idn 19	Feet from the 870	North/South line SOUTH	Feet from the 1610	East/West line EAST	County SAN JUAN
11 Bottom Hole Location If Different From Surface									
UL or lot no. 0	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 293.97 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

16				17 OPERATOR CERTIFICATION			
<p>LOT 6 LOT 5</p> <p>LOT 11 LOT 12</p> <p>E/2 DEDICATED ACREAGE USA SF-078050 SECTION 3, T-27-N, R-9-W</p> <p>LOT 14 LOT 13</p> <p>WELL FLAG NAD 83 LAT: 36.598196° N LONG: 107.771882° W NAD 27 LAT: 36° 35.951226' N LONG: 107° 46.278030' W</p> <p>LOT 19 LOT 20</p> <p>1810'</p> <p>870'</p> <p>N 89° 56' 55" W 5218.3' (M) N 89° 53' 00" W 5223.8' (R)</p>				<p>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.</p> <p><i>Rhonda Rogers</i> Signature Rhonda Rogers Printed Name Regulatory Technician Title and E-mail Address 8-16-07 Date</p>			
				18 SURVEYOR CERTIFICATION			
				<p>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.</p> <p>Date of Survey: 7/11/07 Signature and Seal of Professional Surveyor</p>			
				<p>5224.2' ± 5232.5' ± 5220' ± 5230' ±</p> <p>11393 7/21/07</p> <p>Certificate Number: NM 11393</p>			

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- 34455

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

Federal Lease #USA SF-078050

7. Lease Name or Unit Agreement Name

TURNER HUGHES

8. Well Number

#15M

9. OGRID Number

14538

10. Pool name or Wildcat

Blanco MV/Basin DK

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 : 870' feet from the South line and 1610' feet from the East line
Section 3 Township 27N Rng 9W NMPM County San Juan

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

6246'

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:

NA

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 ☐

OTHER:

New Drill ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐P AND A ☐CASING/CEMENT JOB ☐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
District #3

DATE

NOV 13 2007

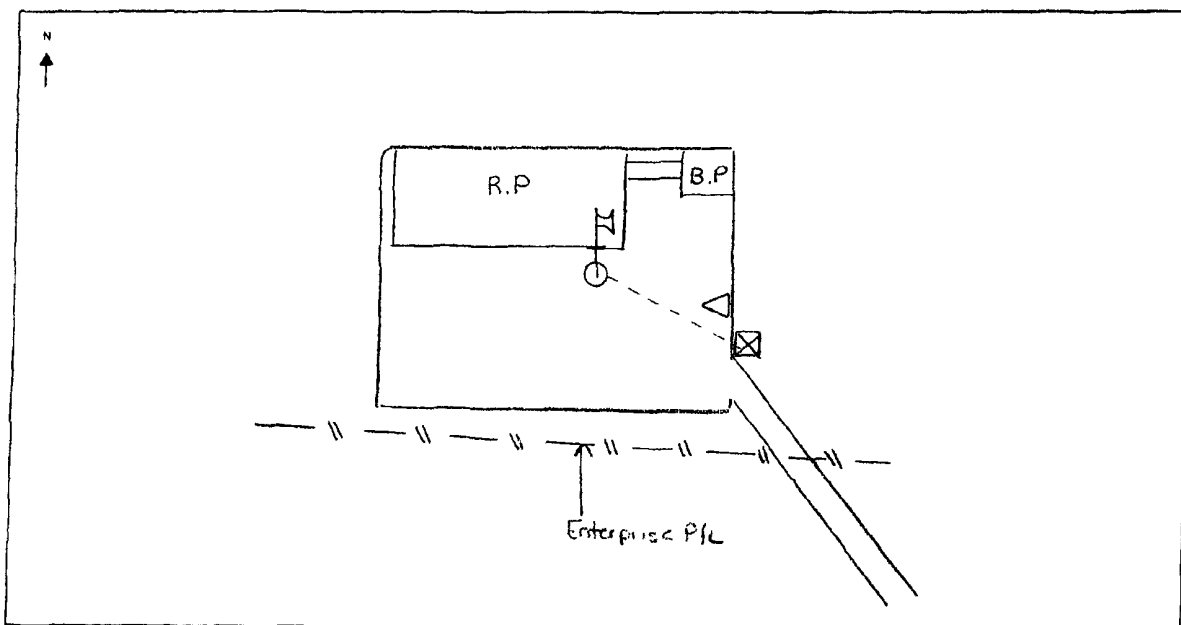
Conditions of Approval (if any):



CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME Turner Hughes #15M LEGALS 0-3-27-9 COUNTY San Juan

PURPOSED C.P. SYSTYEM: Drill GB and set solar on SE edge of the location. Trench approx 220' of #8 neg from purposed well to solar.



EXISTING WELLHEAD	METER HOUSE	GB	POWER SOURCE	CABLE	NEW WELL	OVERHEAD A.C.

COMMENTS: _____

NEAREST POWER SOURCE N/A DISTANCE: _____

PIPELINES IN AREA: Enterprise P/L

TECHNICIAN: Michael G. Anderson DATE: 7/31/07

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

TURNER HUGHES 15M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7224				AFE \$:	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 283		State: NM	County: SAN JUAN		API #:
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						
FRR	BASIN DAKOTA (PRORATED GAS)						
RON	BLANCO MESAVERDE (PRORATED GAS)						
Location: Surface		Datum Code: NAD 27				Straight Hole	
Latitude: 36.599187	Longitude: -107.771267	X:	Y:	Section: 03		Range: 009W	
Footage X: 1610 FEL	Footage Y: 870 FSL	Elevation: 6246	(FT)	Township: 027N			
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2008		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6258 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	216	6042	<input type="checkbox"/>			12-1/4" hole. 9-5/8", 32.3 ppf, H-40, STC casing. Cement with 171 cu ft. Circulate cement to surface.	
OJO ALAMO	1328	4930	<input type="checkbox"/>				
KIRTLAND	1428	4830	<input type="checkbox"/>				
FRUITLAND	2003	4255	<input type="checkbox"/>			Possible Gas	
PICTURED CLIFFS	2314	3944	<input type="checkbox"/>				
LEWIS	2437	3821	<input type="checkbox"/>				
HUERFANITO BENTONITE	2823	3435	<input type="checkbox"/>				
CHACRA	3241	3017	<input type="checkbox"/>				
MASSIVE CLIFF HOUSE	3913	2345	<input type="checkbox"/>	550		Gas	
MENEFEE	3971	2287	<input type="checkbox"/>				
Intermediate Casing	4121	2137	<input type="checkbox"/>			8-3/4" hole. 7", 20 ppf, J-55, STC Casing. Cement with 928 cu ft. Circulate cement to surface.	
MASSIVE POINT LOOKOUT	4585	1673	<input type="checkbox"/>				
MANCOS	5001	1257	<input type="checkbox"/>				
UPPER GALLUP	5788	470	<input type="checkbox"/>				
GREENHORN	6552	-294	<input type="checkbox"/>				
GRANEROS	6614	-356	<input type="checkbox"/>				
TWO WELLS	6655	-397	<input type="checkbox"/>	1800		Gas	
PAGUATE	6727	-469	<input type="checkbox"/>				
CUBERO	6786	-528	<input type="checkbox"/>				
ENCINAL	6866	-608	<input type="checkbox"/>				
TOTAL DEPTH DK	6916	-658	<input type="checkbox"/>			6-1/4" hole. 4-1/2", 10.5 ppf, J-55, STC casing. Cement with 384 cu ft. Circulate cement a minimum of 100' inside the previous casing string.	
Reference Wells:							
Reference Type	Well Name		Comments				

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

TURNER HUGHES 15M

DEVELOPMENT

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
GR/CBL.							

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

Comments: Location/Tops/Logging - MVNM027N009W03SE2 DK 27N09W03SE2 Avoid I, do not twin, prefer O,J.

Zones - MVNM027N009W03SE2 DK 27N09W03SE2

BURLINGTON RESOURCES OIL AND GAS COMPANY

TURNER HUGHES 15M

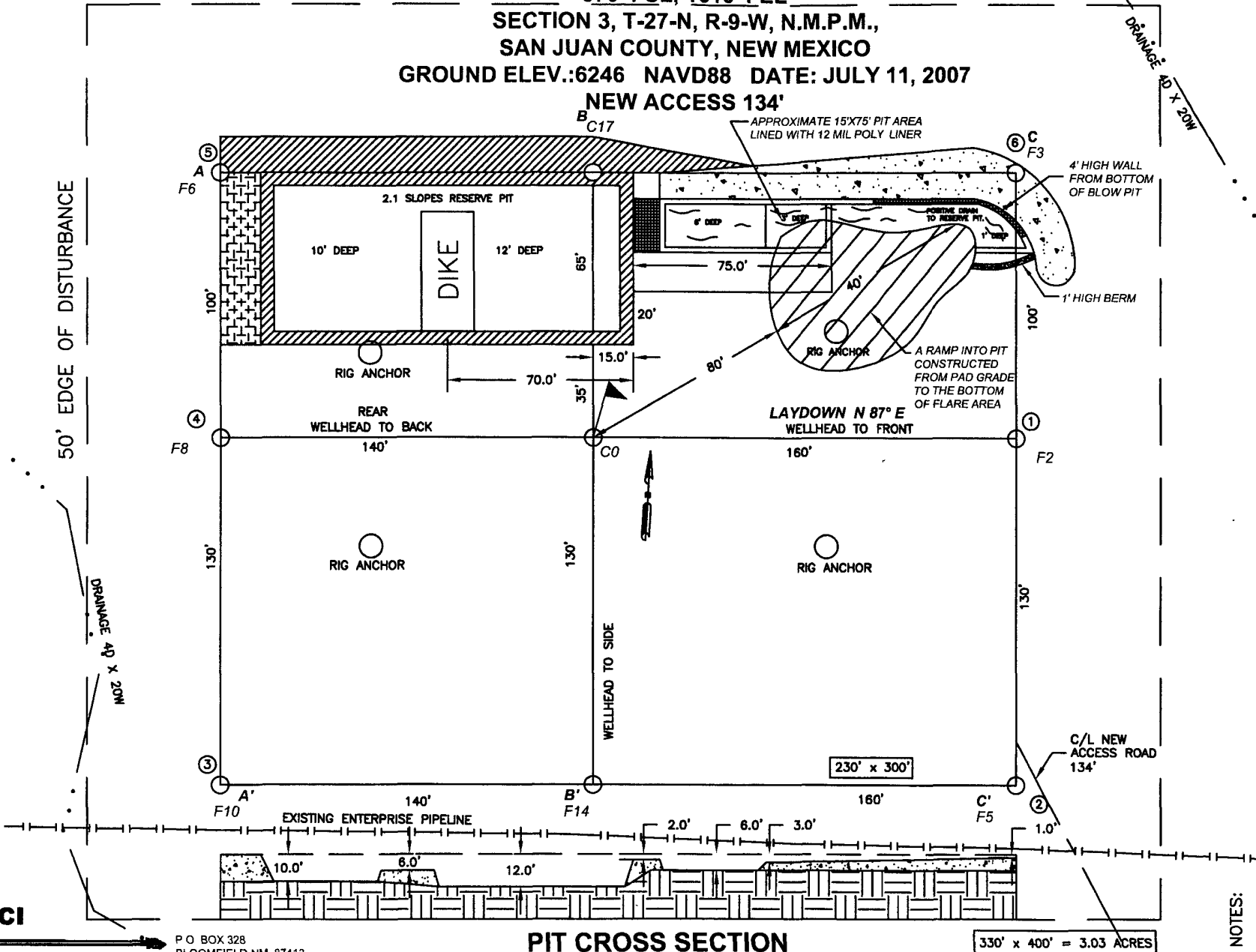
870' FSL, 1610' FEL

SECTION 3, T-27-N, R-9-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

GROUND ELEV.:6246 NAVD88 DATE: JULY 11, 2007

NEW ACCESS 134'



NOTES:

1. RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW-3' WIDE AND 1' ABOVE SHALLOW SIDE).

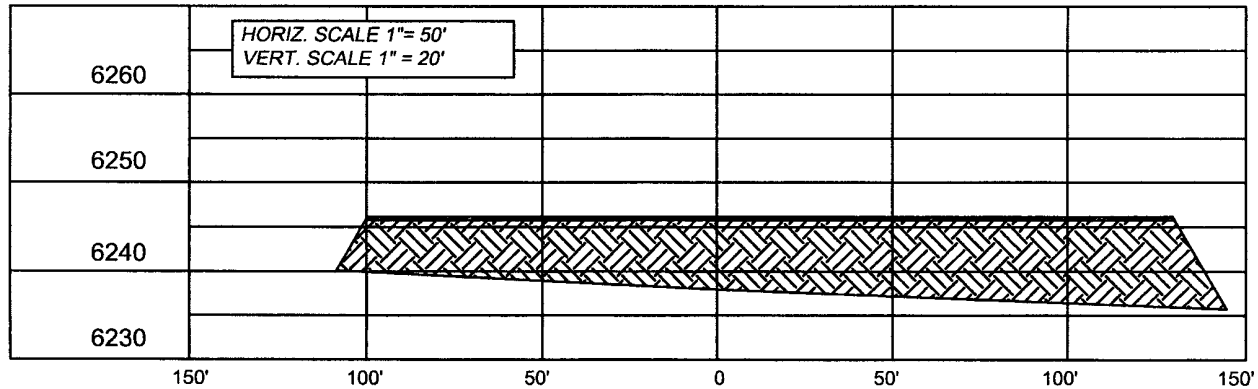
2. C.C.I. SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.

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.

BURLINGTON RESOURCES OIL AND GAS COMPANY
TURNER HUGHES 15M
870' FSL, 1610' FEL
SECTION 3, T-27-N, R-9-W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
ELEV.: 6246 NAVD88

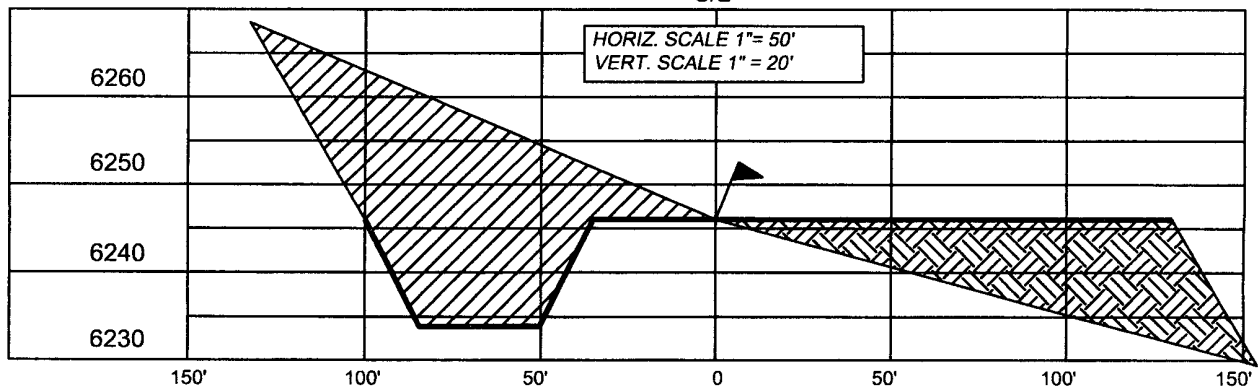
A - A'

C/L



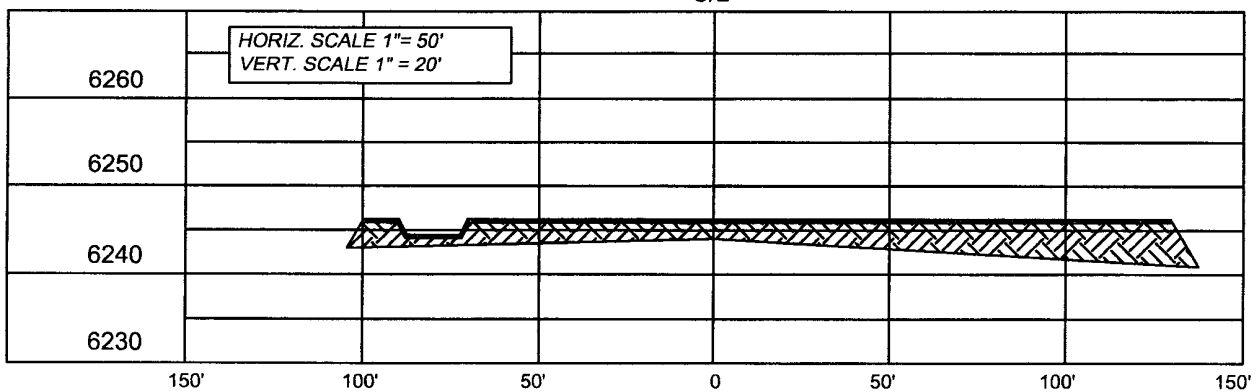
B - B'

C/L



C - C'

C/L



NOTE: CCI 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 PRIOR TO CONSTRUCTION.

REVISIONS

NO.	DESCRIPTION	REVISED BY	DATE
1	ISSUE FOR REVIEW	L.H.	7/11/07

CCI

P.O. BOX 328
 BLOOMFIELD, NM, 87413
 PHONE: (505)325-7707

CHENAULT CONSULTING INC.