

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD MAY 12 '08
OIL CONS. DIV.
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078138 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 Morris A 9. Well Number #14	
4. Location of Well Surf: Unit F (SENW), 1474' FNL & 1589' FWL Surf: Latitude 36.800890° N Longitude 107.964021° W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 23, T30N, R11W API # 30-045-34614	
14. Distance in Miles from Nearest Town 2 miles/Aztec	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1474'	17. Acres Assigned to Well 319.91 (N/2) 318.63	
16. Acres in Lease 2063.26	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 52' from Hartman 23 #1F - DK	
19. Proposed Depth 2596'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 5979' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached	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	
24. Authorized by: <u>Crystal Walker</u> Crystal Walker (Regulatory Technician)	H ₂ S POTENTIAL EXIST	

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 2

Bond Numbers NMB-000015 and NMB-000089

MAY 13 2008

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

NMOCD

AV

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

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 W. 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, N.M. 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, N.M. 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
FEB 27 2008

Bureau of Land Management
Farmington Field Office
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-34614		*Pool Code 71629		*Pool Name BASIN (FRUITLAND COAL)	
*Property Code 7326		*Property Name MORRIS A			*Well Number 14
*OGRID No. 14538		*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP.			*Elevation 5979

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
F	23	30 N	11 W	(2)	1474	NORTH	1589	WEST	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
F									
*Dedicated Acres 318.63 319.91 (1/2)		*Joint or Infill (1/2)		*Consolidation Code		*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 S 88°38'43" E 2640.33'		C 1474'		2601.05'		S 88°38' E A 2604.36' (R)		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: <u>Crystal Walker</u> Date: <u>2/26/08</u> Printed Name: <u>Crystal Walker</u>	
1 S 1°07'32" W 1589'		2 NAD 27 LAT: 36° 48.0531' N LONG: 107° 57.8039' W USA SF-078138		3 NAD 83 LAT: 36.800890° N LONG: 107.964021° W		4		SECTION 23	
L 2669.04' (R)		7		6		5		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: <u>5/31/07</u> Signature and Seal of Professional Surveyor: <u>Marshall W. Linden</u> 17078 Certificate Number	
M S 0°05' E		N		8		9		17078 Certificate Number	
S 89°30' E						5265.48' (R)			

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- 346014

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

SF-078138

7. Lease Name or Unit Agreement Name

Morris A

8. Well Number

#14

9. OGRID Number

14538

10. Pool name or Wildcat

Basin Fruitland Coal

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 F

:

1474

feet from the

North

line and

1589

feet from the

West

line

Section 23

Township

30N

Rng

11W

NMPM

County

San Juan

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

5979' 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

<1000'

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 ☐

OTHER:

New Drill Pit

☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING/CEMENT JOB ☐ALTERING CASING ☐P AND A ☐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 2/26/2008Type or print name
For State Use Only

Crystal Walker

E-mail address: crystal.walker@conocophillips.com Telephone No. 505-326-9837

APPROVED BY

TITLE

Deputy Oil & Gas Inspector,
District #3DATE MAY 13 2008

Conditions of Approval (if any):

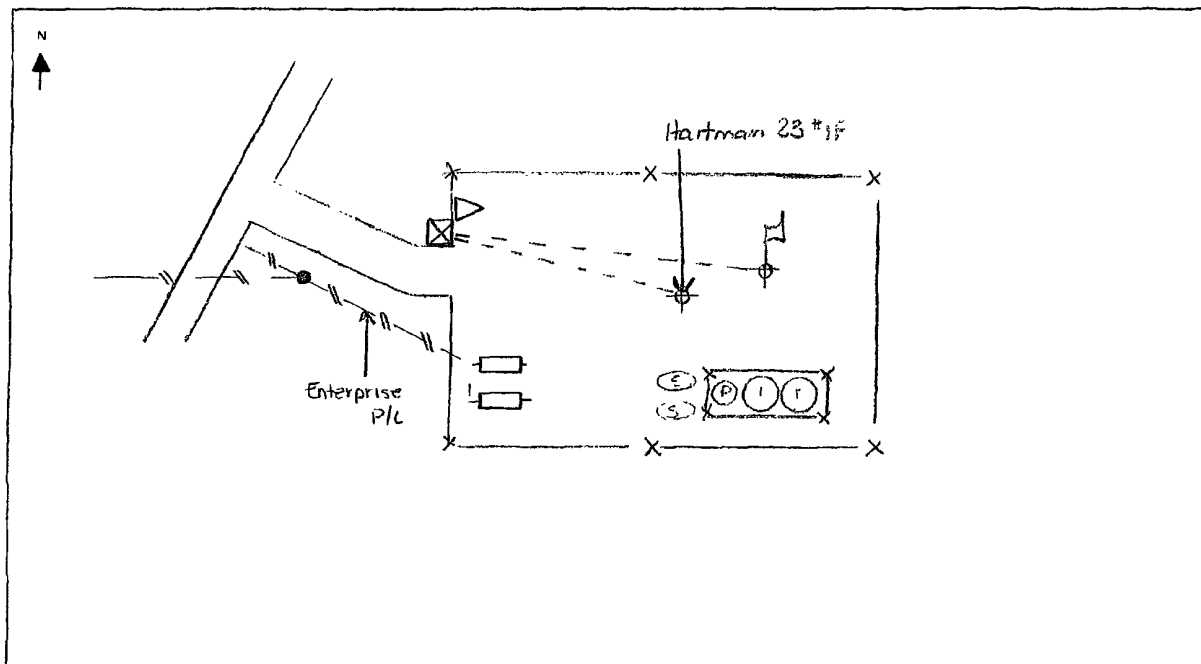


WELL NAME: Morris A #14
LEGALS: F-23-30-11 COUNTY: San Juan

CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME Morris A #14 LEGALS F-23-30-11 COUNTY San Juan

PURPOSED C.P. SYSYTEM: Drill GB and set solar on NW edge of the location.
Trench approx 200' of #8 neg from existing Hartman 23#16 to solar Trench approx
250' of #8 neg from proposed/existing Morris A #14 to solar



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

COMMENTS: Pits covered ; has facilities & forced / Need 3 well solar

NEAREST POWER SOURCE N/A

DISTANCE: _____

PIPELINES IN AREA: Enterprise P/L

TECHNICIAN: Michelle J. Jorgensen

DATE: 10/22/07

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

MORRIS A 14

DEVELOPMENT

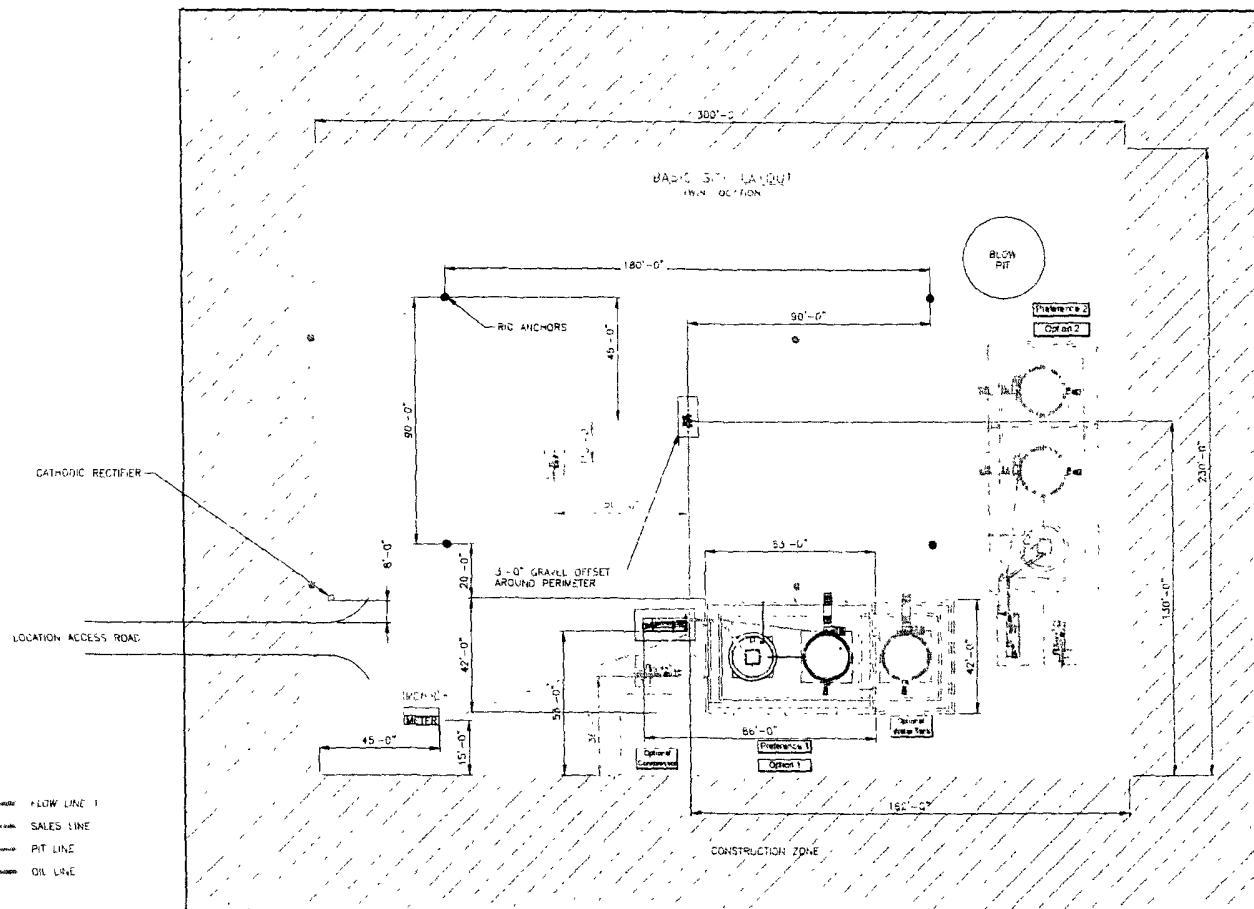
Lease:		AFE #: WAN.CDR.8073			AFE \$: 204,858.17	
Field Name: hBR_SAN JUAN		Rig: XXX 2009 Shallow		State: NM	County: SAN JUAN	API #:
Geologist:		Phone:	Geophysicist:		Phone:	
Geoscientist: Clark, Dave D		Phone: 505-326-9762	Prod. Engineer:		Phone:	
Res. Engineer:		Phone:	Proj. Field Lead:		Phone:	
Primary Objective (Zones):						
Zone	Zone Name					
JCV	BASIN FRUITLAND COAL (GAS)					
Location: SURFACE Datum Code: NAD 27						
Latitude: 36.800886		Longitude: -107.963399		X:	Y:	Section: 23 Range: 011W
Footage X: 1589 FWL		Footage Y: 1474 FNL		Elevation: 5979 (FT)	Township: 030N	
Tolerance:						
Location Type: Year Round		Start Date (Est.): 1/1/2009		Completion Date:		Date In Operation:
Formation Data: Assume KB = 5991 Units = FT						
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5871	<input type="checkbox"/>			8-3/4" hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	1006	4985	<input type="checkbox"/>			
KIRTLAND	1136	4855	<input type="checkbox"/>			
FRUITLAND	2026	3965	<input type="checkbox"/>			Gas
PICTURED CLIFFS	2396	3595	<input type="checkbox"/>	200		Gas
Total Depth	2596	3395	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 399 cuft. Circulate cement to surface.
Reference Wells:						
Reference Type	Well Name		Comments			

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:



SEE SHEET 1 & 4 FOR PIPING DETAILS
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN OF 3'-0" FOR

SHEET 1 OF 5

										ENGINEERING REVIEW		REFERENCE DRAWINGS		CONOCO-PHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT			
										DISCIPLINE	REVIEWED	DATE	NO.	DESCRIPTION			
										Mechanical							
										Piping							
										Electrical							
										I & C							
										Civil/Structural							
										PROJECT							
DIST. SHEET										DATE	BY	CHK'D	ENG	INSC	PR.	CLIENT NO.	
																CLIENT ADDR.	
																TAXES LIST	
																DRAWN BY	
																SCALE NAME	
																LOCATION DATE	
																PROJECT NO.	
																1 OF 5	
																HPS3PHASE-REV:	

ConocoPhillips

SAN JUAN BUSINESS UNIT

CLIENT NO.

CLIENT ADDR.

SCALE NAME

LOCATION DATE

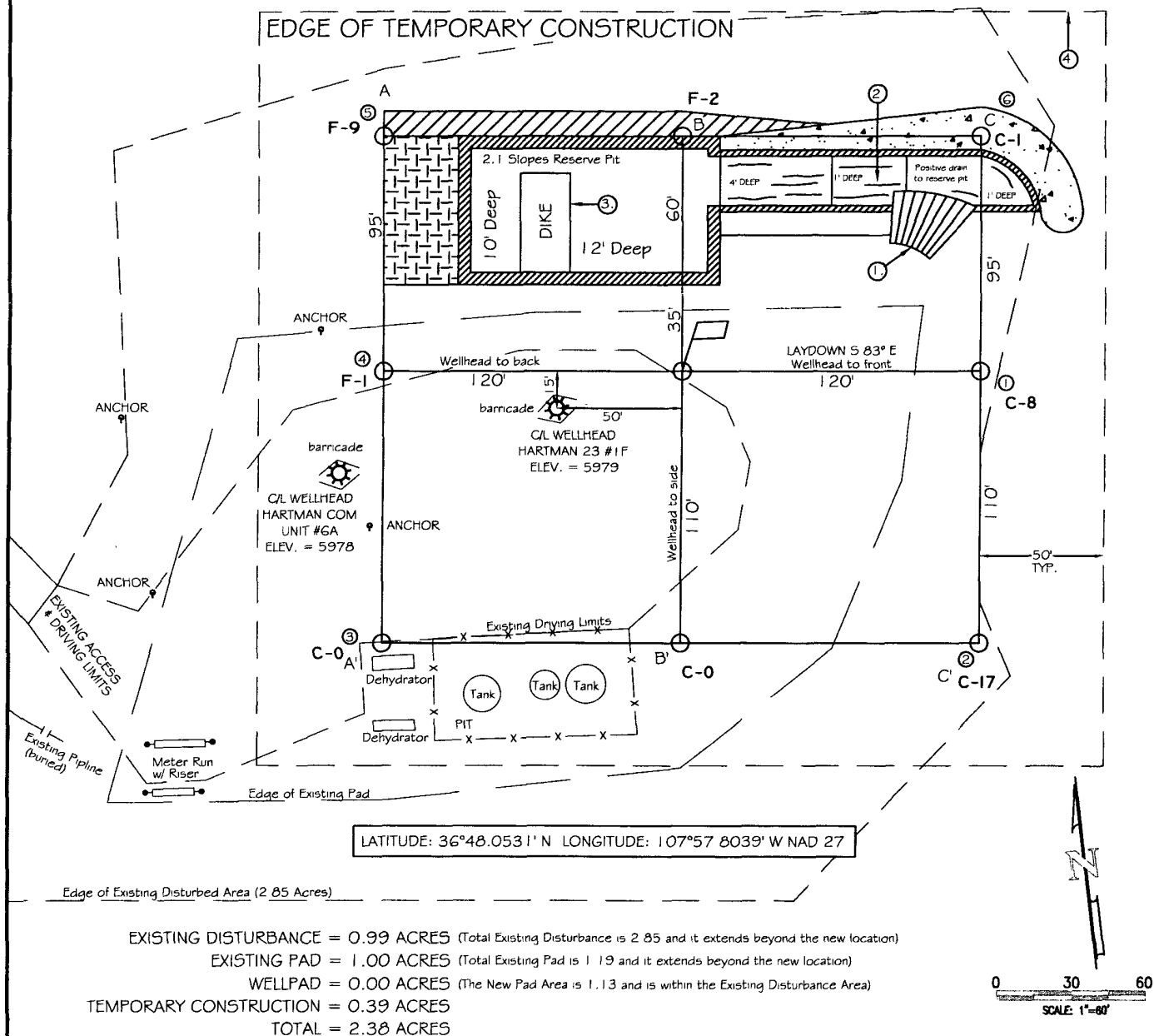
HF3PHASE-REV1

Path: S:\Projects\SanJuan\SanJuan Business Unit Location Site Layout.dwg 06/28/2007 02:39pm

BURLINGTON RESOURCES OIL & GAS COMPANY LP.
MORRIS A 14 - 1474' FNL & 1589' FWL
SECTION 23, T-30-N, R-11-W, N.M.P.M., SAN JUAN COUNTY, N.M.
GROUND ELEVATION: 5979 - DATE: MAY 31, 2007

PAD CONST. SPECS

- 1 RAMP INTO PIT CONSTRUCTED FROM PAD GRADE INTO FLARE AREA AT 5% SLOPE
- 2 APPROXIMATE 13x75' PIT AREA LINED WITH 12 MIL POLYLINER
- 3 RESERVE PIT DIKE TO BE 8' ABOVE DEEP SIDE (OVERFLOW-3' WIDE AND 1' ABOVE SHALLOW SIDE)
- 4 EDGE OF TEMPORARY CONSTRUCTION DEFINED IN FIELD W/6 T-POST



NOTES

- 1.) CONTRACTOR SHOULD CALL "ONE-CALL" FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELLPAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONST.
- 2.) UNITED FIELD SERVICES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.

SURVEYED: 5/31/07

REV. DATE:

APP. BY M.W.L.

DRAWN BY: H.S.

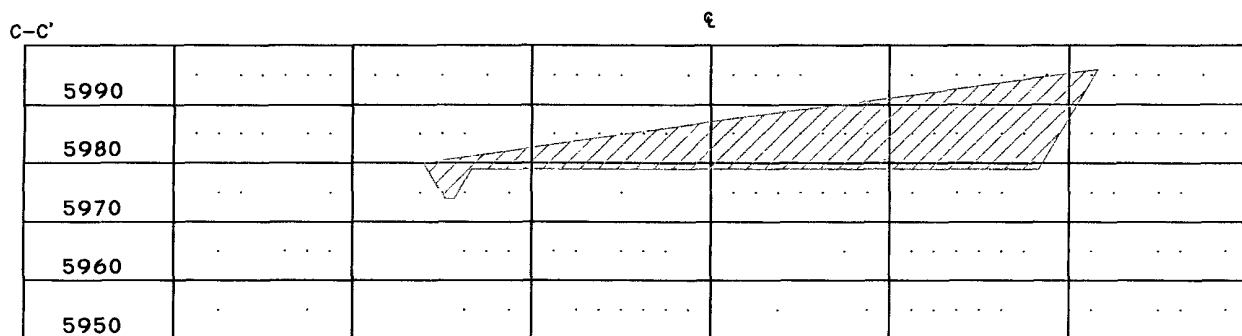
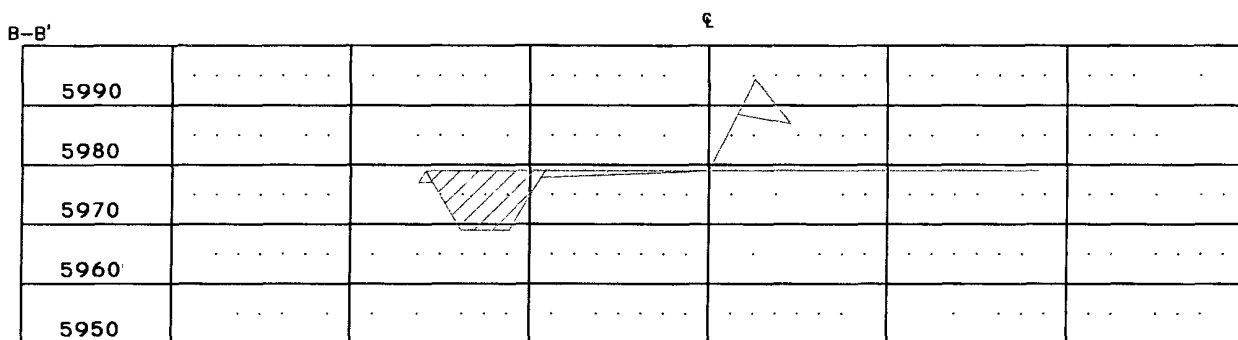
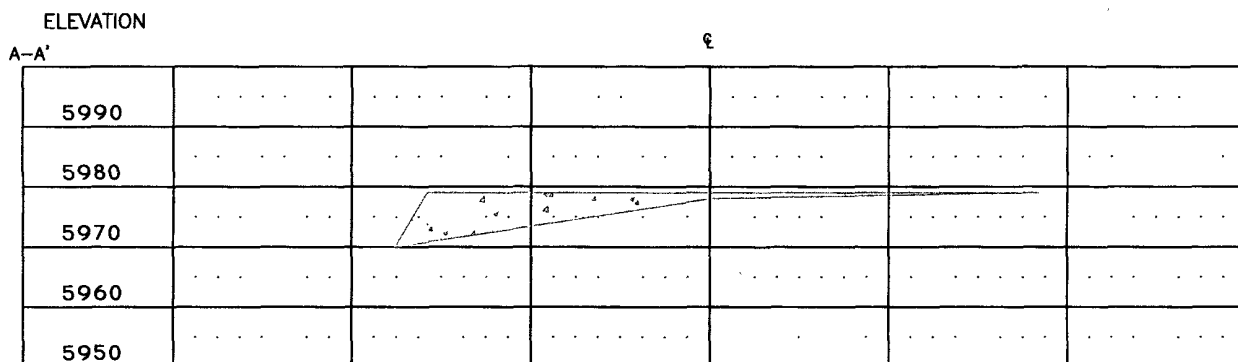
DATE DRAWN: 6/07/07

FILE NAME: 7678L01



P.O. BOX 3651
 FARMINGTON, NM 87499
 OFFICE: (505)334-0408

BURLINGTON RESOURCES OIL & GAS COMPANY LP.
 MORRIS A14 - 1474' FNL & 1589' FWL
 SECTION 23, T-30-N, R-11-W, N.M.P.M., SAN JUAN COUNTY, N.M.
 GROUND ELEVATION: 5979 - DATE: MAY 31, 2007



1" = 60' - HORIZ.
 1" = 30' - VERT.

NOTES:

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SURVEYED: 5/31/07

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APP. BY M.W.L.

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 FARMINGTON, NM 87499
 OFFICE: (505)334-0408