

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	<b>RECEIVED</b> MAR 10 2008 Bureau of Land Management Farmington Field Office	5. Lease Number USA SF-078213 Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator <b>BURLINGTON</b> 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 Federal A 9. Well Number #2F	
4. Location of Well Surf: Unit C(NENW), 910' FNL & 1725' FWL  Surf: Latitude 36.78901° N Longitude 108.16034° W	10. Field, Pool, Wildcat Basin Dakota  11. Sec., Twn, Rge, Mer. (NMPM) C Sec. 25, T30N, R13W  API # 30-045-346 30	
14. Distance in Miles from Nearest Town 1.1 miles/College Blvd in Farmington	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 910'	17. Acres Assigned to Well 320.00 - (N/2)	
16. Acres in Lease 2,480.00	20. Rotary or Cable Tools Rotary	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 874' from POGO-Arnie #4	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	
19. Proposed Depth 6577'	3/10/08 Date	
21. Elevations (DF, FT, GR, Etc.) 5789' GR	23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <i>Crystal Walker</i> Crystal Walker (Regulatory Technician)		

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 OGD 24 HRS.  
PRIOR TO CASING & CEMENT

MAY 21 2008

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

NMOCD

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

# RECEIVED

MAR 10 2008

Form C-102

DISTRICT I  
1325 N. French Dr., Hobbs, N.M. 88240

DISTRICT II  
1901 W. Grand Ave., Artesia, N.M. 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV  
1220 South St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Bureau of Land Management  
Energy, Minerals & Natural Resources Department  
Farmingington Field Office  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Revised October 12, 2005

Submit to: Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number <b>30-045- 34630</b>		2 Pool Code <b>71599</b>		3 Pool Name <b>BASIN DAKOTA</b>	
4 Property Code <b>7005</b>		5 Property Name <b>FEDERAL A</b>			
6 OGRID No. <b>14538</b>		7 Operator Name <b>BURLINGTON RESOURCES OIL &amp; GAS COMPANY LP</b>			
		8 Well Number <b>2F</b>		9 Elevation <b>5789</b>	

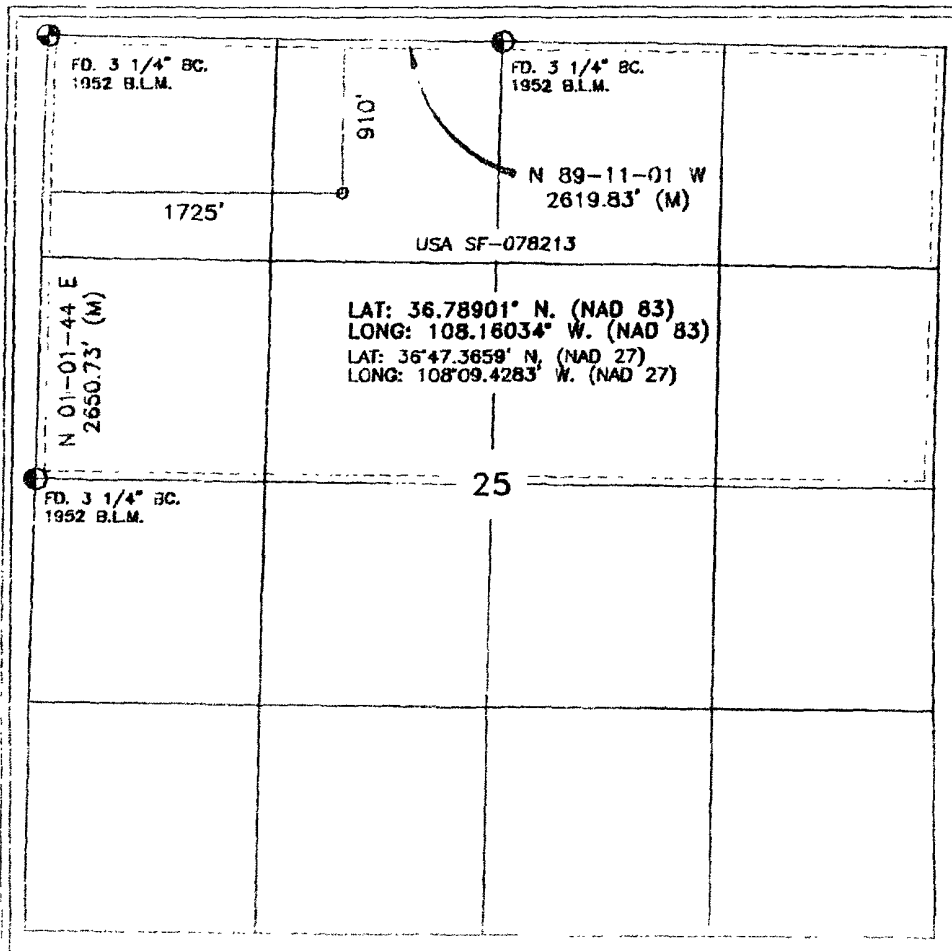
### 10 Surface Location

UL or lot no. <b>C</b>	Section <b>25</b>	Township <b>30-N</b>	Range <b>13-W</b>	Lot Idn	Feet from the <b>910</b>	North/South line <b>NORTH</b>	Feet from the <b>1725</b>	East/West line <b>WEST</b>	County <b>SAN JUAN</b>
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### 11 Bottom Hole Location If Different From Surface

UL or lot no. <b>C</b>	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres <b>320 - (N/2)</b>			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* 01-01-08  
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.

NOVEMBER 29, 2007

Date of Survey

Signature and Seal of Professional Surveyor

*[Signature]*  
12-20-07  
8894

Certificate Number

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.

30-045-34630

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil &amp; Gas Lease No.

SF-078213

7. Lease Name or Unit Agreement Name

Federal A

8. Well Number

#2F

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 &amp; GAS COMPANY LP

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter C : 910 feet from the North line and 1725 feet from the West line  
Section 25 Township 30N Rng 13W NMPM County San Juan

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

5789' GR

Pit or Below-grade Tank Application

☐ or Closure ☐Pit type New Drill

Depth to Groundwater

&gt;100'

Distance from nearest fresh water well

&gt;1000'

Distance from nearest surface water

&lt;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 NMOCDD 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 NMOCDD 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 NMOCDD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Crystal Walker TITLE Regulatory Technician DATE 3/10/2008

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

MAY 21 2008

Conditions of Approval (if any):

## Cathodic Protection Plat

**COMPANY**

BURLINGTON

**Charge Code**

WAN.RFE.PD07.IU

**WELL NAME**

FEDERAL A # 2 F

**DATE**

12/31/2007

**DUAL WELL**

WELL NAME

**TRIPLE WELL**

WELL NAME

**COORDINATES**

SEC	TNSHP	RANGE
NW 25	30 N	13 W

**LATITUDE**

36.473659 N

**LONGITUDE**

108.094283 W

**COUNTY**

SAN JUAN

RECTIFIER

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
30/12	x			

SOLAR

--	--	--	--	--

GROUND BED

	x			
--	---	--	--	--

240 V METER POLE

100 A	x			
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480 V METER POLE

--	--	--	--	--

D C CABLES

#8	300ft			
----	-------	--	--	--

A C CABLES

#8	1200ft		city Fmt	
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PRIMARY POWER

--	--	--	--	--

DISTANCE TO POWER

			on A2E	
--	--	--	--------	--

UNDERGROUND

--	--	--	--	--

PUMPJACK

--	--	--	--	--

WATER PUMP

--	--	--	--	--

COMPRESSOR

--	--	--	--	--

RTU

--	--	--	--	--

SAMS

--	--	--	--	--

TANKS

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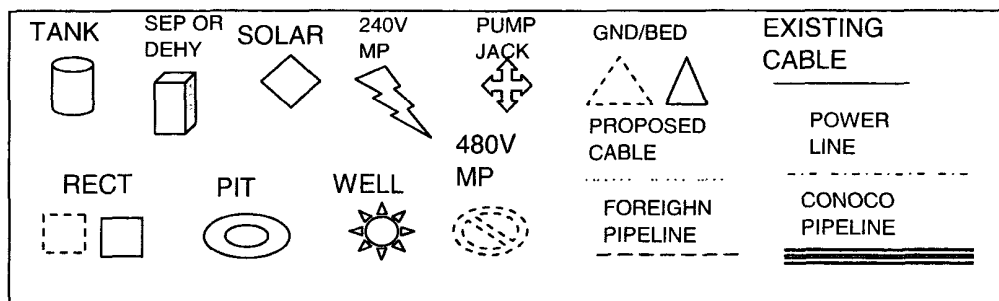
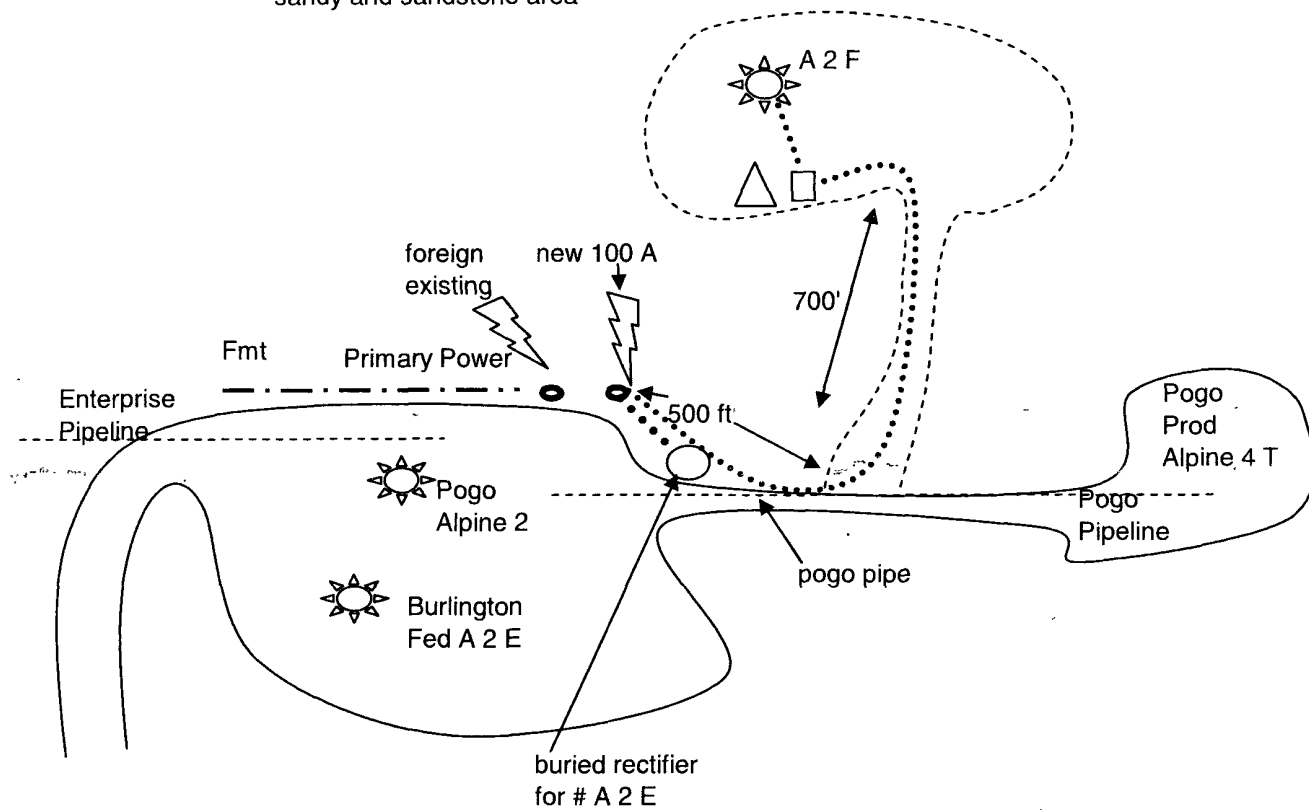
**COMMENTS**

new 240 V pole with load center
need to feed buried rectifier on well A 2 E
abandon 1/2 mile ugac - remove old meter pole - plow cable to new loc.
sandy and sandstone area



## Federal A # 2 F

sandy and sandstone area



# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

FEDERAL A 2F

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7402				AFE \$: 556,253.69	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 283		State: NM	County: SAN JUAN		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist: Head, Chip F		Phone: 505-326-9772		Prod. Engineer:		Phone:	
Res. Engineer: Prabowo, Wahyu		Phone: 505-326-9797		Proj. Field Lead:		Phone:	
<b>Primary Objective (Zones):</b>							
<b>Zone</b>	<b>Zone Name</b>						
FRR	BASIN DAKOTA (PRORATED GAS)						
<b>Location:</b> Datum Code: NAD 27							
Latitude: 36.789007	Longitude: -108.159711	X:	Y:	Section: 25		Range: 013W	
Footage X: 1725 FWL	Footage Y: 910 FNL	Elevation: 5789	(FT)	Township: 030N			
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2008		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 5801 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
OJO ALAMO	273	5528	<input type="checkbox"/>				
Surface Casing	320	5481	<input type="checkbox"/>			12-1/4" hole. 320', 8-5/8" 24 ppf, J-55, STC casing. Cement with 312 cuft. Circulate cement to surface.	
KIRTLAND	418	5383	<input type="checkbox"/>				
FRUITLAND	1483	4318	<input type="checkbox"/>			Possible Gas	
PICTURED CLIFFS	1848	3953	<input type="checkbox"/>				
LEWIS	2018	3783	<input type="checkbox"/>				
HUERFANITO BENTONITE	2538	3263	<input type="checkbox"/>				
CHACRA	2891	2910	<input type="checkbox"/>				
MASSIVE CLIFF HOUSE	3421	2380	<input type="checkbox"/>			Gas	
MENEFEE	3513	2288	<input type="checkbox"/>				
MASSIVE POINT LOOKOUT	4248	1553	<input type="checkbox"/>				
MANCOS	4598	1203	<input type="checkbox"/>				
UPPER GALLUP	5527	274	<input type="checkbox"/>				
GREENHORN	6280	-479	<input type="checkbox"/>				
GRANEROS	6341	-540	<input type="checkbox"/>				
TWO WELLS	6391	-590	<input type="checkbox"/>	1730		Gas	
PAGUATE	6449	-648	<input type="checkbox"/>				
CUBERO	6513	-712	<input type="checkbox"/>				
ENCINAL	6527	-726	<input type="checkbox"/>				
TOTAL DEPTH DK	6577	-776	<input type="checkbox"/>			7-7/8" Hole. 4-1/2", 11.6 ppf, N-80, LTC casing. Cement with 1931 cuft. Circulate cement to surface.	
<b>Reference Wells:</b>							
Reference Type	Well Name		Comments				

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

FEDERAL A 2F

DEVELOPMENT

## Logging Program:

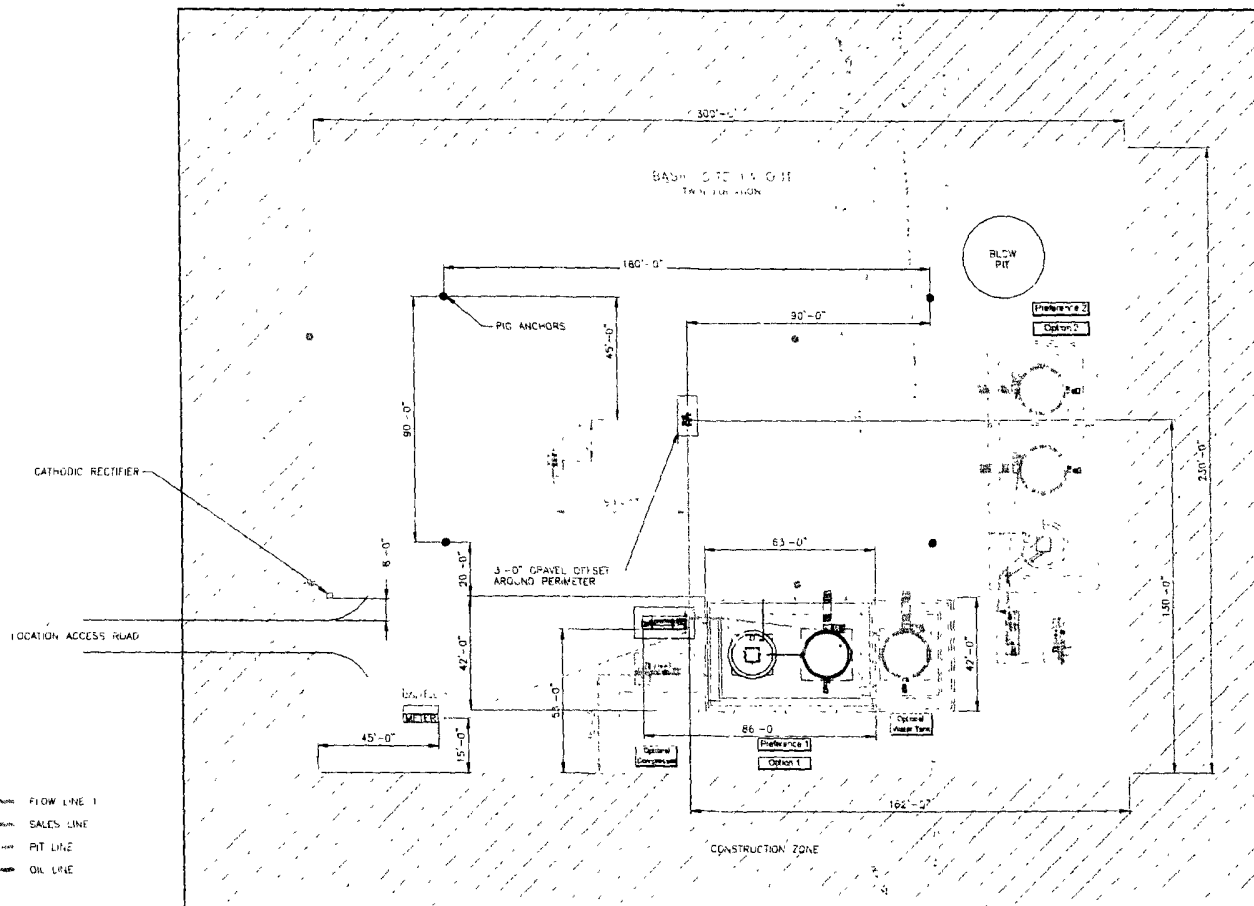
Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

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

Est bottom perf ~20' above TD.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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FLOW LINE 1  
 SALES LINE  
 PIT LINE  
 OIL LINE

SEE SHEET 3 & 4 FOR PPHS DETAILS  
 ALL UNDERGROUND LINES TO BE BURIED A MIN OF 3'-0" TOP

SHEET 1 OF 5

										ENGINEERING REVIEW			REFERENCE DRAWINGS		<div>CONOCOPhillips</div> <div>SAN JUAN BUSINESS UNIT</div>				<div>CONOCOPhillips</div> <div>HIGH PRESSURE 3 PHASE</div> <div>FACILITY DIAGRAM- SITE LAYOUT</div>				SHEET NO. 1 OF 5	
										DISCIPLINE	REVIEWER	DATE	NO.	DESCRIPTION										
										PROCESS														
										MECHANICAL														
										Piping														
										ELECTRICAL														
										INSTRUMENTATION														
										CIVIL/STRUCTURAL														
										PROJECT														
										DESCRIPTION					DATE		SCALE		APPRO. DATE BY					



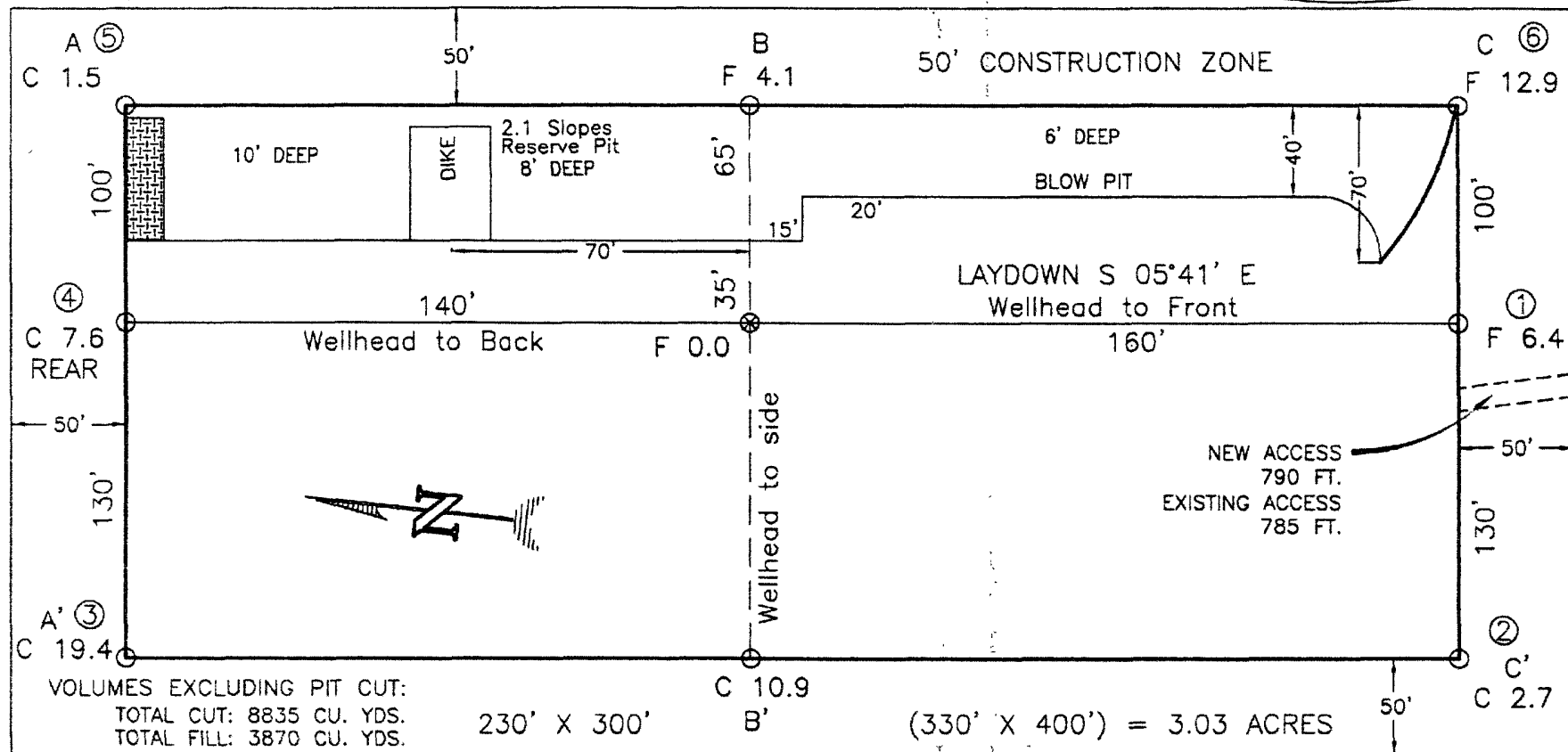
# BURLINGTON RESOURCES OIL & GAS COMPANY LP

FEDERAL A No. 2F, 910 FNL 1725 FWL

SECTION 25, T-30-N, R-13-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO

GROUND ELEVATION: 5789, DATE: NOVEMBER 29, 2007

NAD 83  
LAT. = 36.78901° N.  
LONG. = 108.16034° W.  
NAD 27  
LAT. = 36°47.3659' N.  
LONG. = 108°09.4283' W.



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

BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.

## NOTE:


DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. UTILITY NOTIFICATION CENTER OF COLORADO TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.

## NOTE:

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.

## NOTE:

ESTIMATED VOLUMES CALCULATED BY AVERAGE END AREA AT CROSS-SECTION SHOWN

REVISION	DATE	REVISION BY
 <b>Daggett Enterprises, Inc.</b> Surveying and Oil Field Services P. O. Box 510 • Farmington, NM 87499 Phone (505) 326-1772 • Fax (505) 326-6019 NEW MEXICO L.S. 8894		
DRAWN BY: G.V.		CADFILE: BR704_PL8
ROW#: BR704		DATE: 12/13/07

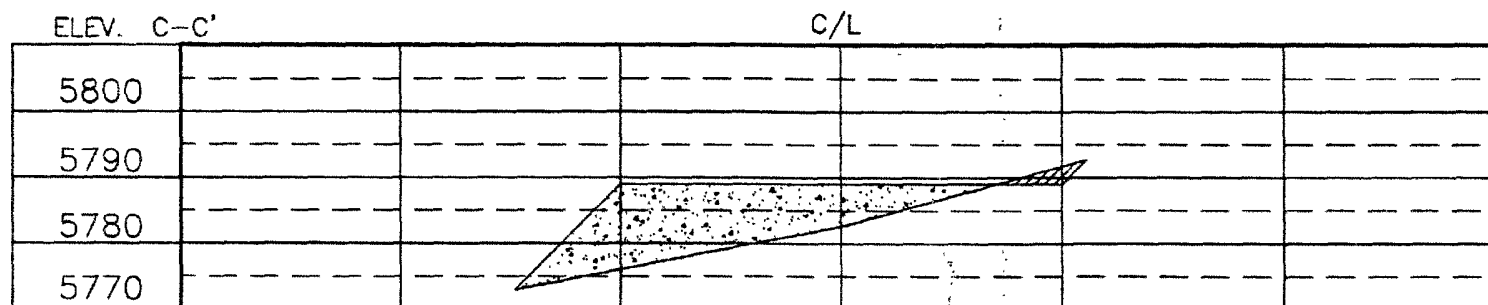
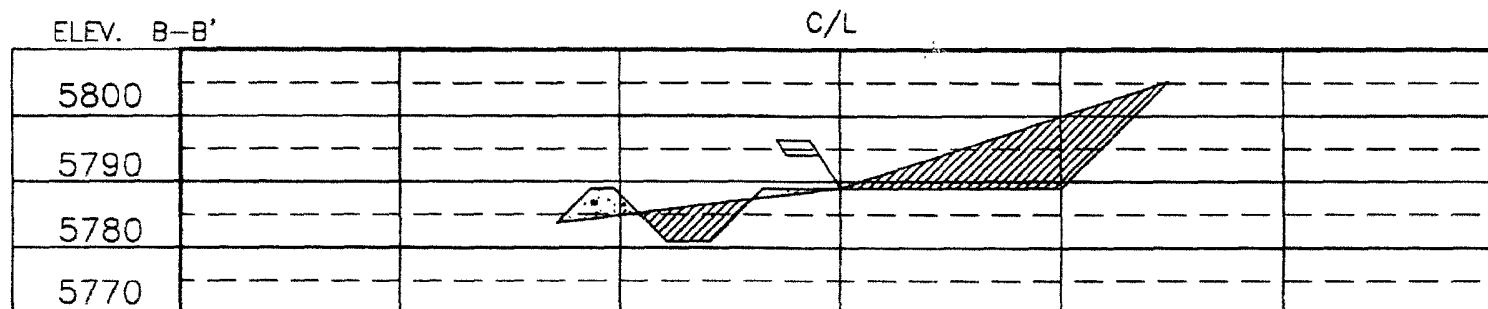
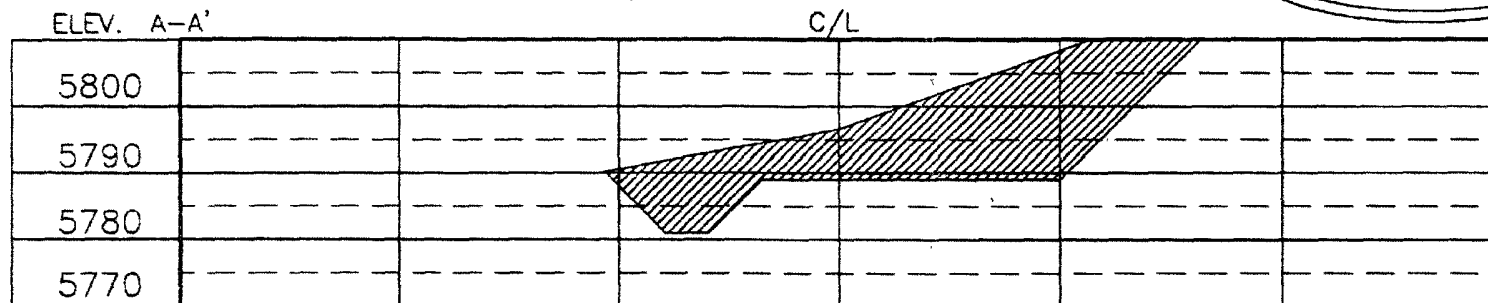
# BURLINGTON RESOURCES OIL & GAS COMPANY LP

FEDERAL A No. 2F, 910 FNL 1725 FWL

SECTION 25, T-30-N, R-13-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO

GROUND ELEVATION: 5789, DATE: NOVEMBER 29, 2007

NAD 83  
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