

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA - NM-0546 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator ConocoPhillips	7. Unit Agreement Name RCVD DEC 20 '07 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 Maddox C WN Federal Com 9. Well Number #1F	
4. Location of Well Unit O (SWSE), 1190' FSL & 2130' FEL,  Latitude 36.80935 N. Longitude 108.17314 W.	10. Field, Pool, Wildcat Basin Dakota  11. Sec., Twn, Rge, Mer. (NMPM) 0 Sec. 14, T30N, R13W API # 30-038-45-34530	
14. Distance in Miles from Nearest Town 3.7 miles/Farmington	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1190'	17. Acres Assigned to Well 320.00 S/2	
16. Acres in Lease 2560.000		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1048' /Maddox C Fed. Com 1E -DK		
19. Proposed Depth 6496'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 5703' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Jamie Goodwin</u> Jamie Goodwin (Regulatory Technician)	<u>12/10/07</u> Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY [Signature]

TITLE AFM

DATE 12/18/07

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 ?

Bond Numbers ES-0048 and ES-0085

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

NMOCD

8/24/07

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

DISTRICT I  
1025 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, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-1C  
Revised October 12, 200

OIL CONSERVATION DIVISION

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

RECEIVED

DEC 10 2007

Bureau of Land Management  
Farmington Field Office  
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045- 34530	<sup>2</sup> Pool Code 71599	<sup>3</sup> Pool Name BASIN DAKOTA
<sup>4</sup> Property Code 31636	<sup>5</sup> Property Name MADDOX C WN FEDERAL COM	<sup>6</sup> Well Number 1 F
<sup>7</sup> GRID No. 217817	<sup>8</sup> Operator Name ConocoPhillips COMPANY	<sup>9</sup> Elevation 5703'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	14	30N	13W		1190'	SOUTH	2130'	EAST	SAN JUAN

<sup>11</sup> 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
0									

<sup>12</sup> Dedicated Acres 320.00 Acres - (S/2)	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>17</sup> 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 or a compulsory pooling order heretofore entered by the division.

*Jamie Goodwin* 09/21/2007  
Signature Date

Jamie Goodwin  
Printed Name

<sup>18</sup> SURVEYOR CERTIFICATION

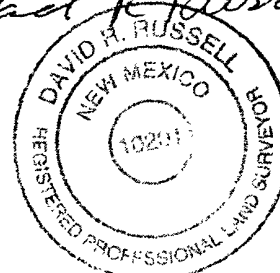
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

SEPTEMBER 11, 2007

Date of Survey

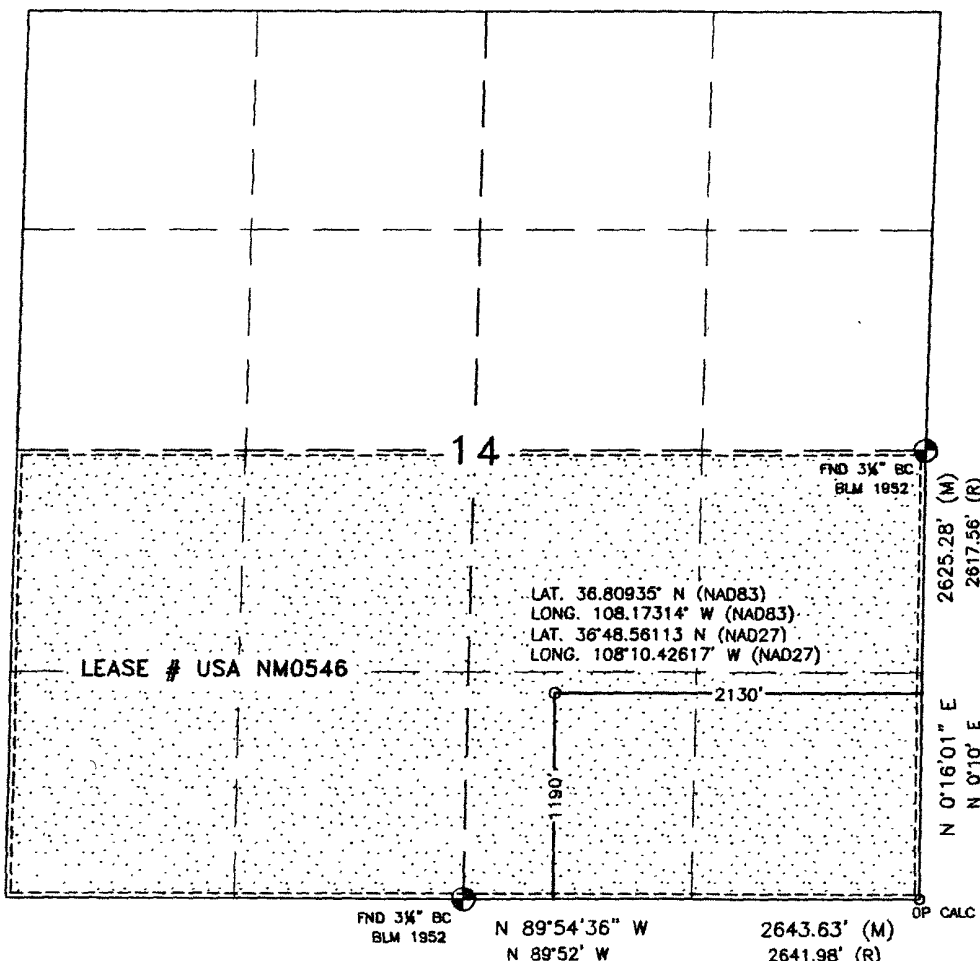
Signature and Seal of Professional Surveyor:

*David H. Russell*



DAVID RUSSELL

Certificate Number 10201



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

Energy, Minerals and Natural Resources

**OIL CONSERVATION DIVISION**

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.	30-045- <b>34530</b>
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	USA NM0546
7. Lease Name or Unit Agreement Name	<b>Maddox C WN Federal Com</b>
8. Well Number	#1F
9. OGRID Number	217817
10. Pool name or Wildcat	Basin Dakota
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>
2. Name of Operator	<b>ConocoPhillips</b>
3. Address of Operator	3401 E. 30TH STREET, FARMINGTON, NM 87402
4. Well Location	Unit Letter <u>O</u> : <u>1190'</u> feet from the <u>South</u> line and <u>1130'</u> feet from the <u>East</u> line Section <u>14</u> Township <u>30N</u> Rng <u>13W</u> NMPM County <u>San Juan</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	5703'
Pit or Below-grade Tank Application	<input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type	New Drill <input checked="" type="checkbox"/> Depth to Groundwater <u>&lt;100'</u> Distance from nearest fresh water well <u>&gt;1000'</u> Distance from nearest surface water <u>&lt;1000'</u>
Pit Liner Thickness:	12 mil Below-Grade Tank: Volume <u>      </u> bbls; Construction Material <u>      </u>

**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, Lined:

ConocoPhillips proposes to construct a new drilling pit and an associated vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit will be a lined pit 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 Sasha Spangler TITLE Regulatory Technician DATE 12/5/2007

Sasha Spangler E-mail address: spangs@conocophillips.com Telephone No. 505-326-9568

**For State Use Only**

APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE 12/26/07

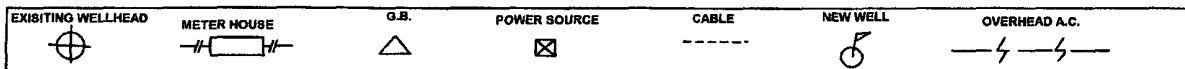
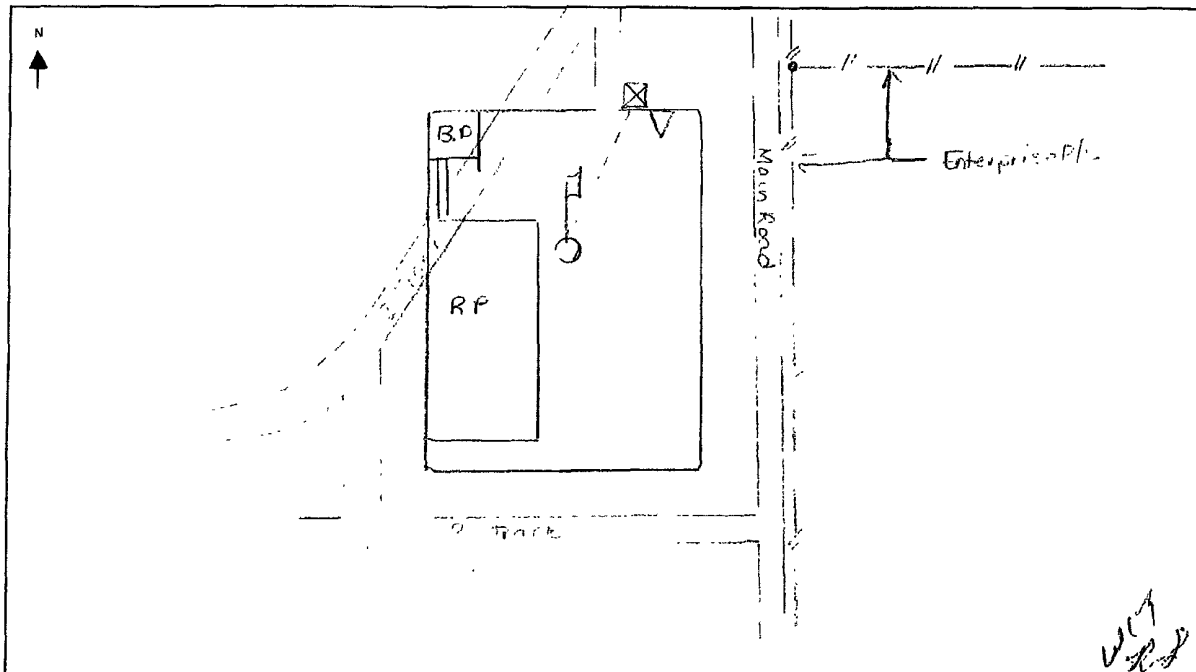
Conditions of Approval (if any):

8



WELL NAME Maddox (WN Federal) Con#1 LEGALS 0-14-30-13 COUNTY Sav. Juan

**PURPOSED C.P. SYSYTEM:** Drill 68 in NE corner of location. Set 2 well solars on NE edge of access. Trench approx 200' of # 8 ren. from proposed well to solars



**COMMENTS:** \_\_\_\_\_

NEAREST POWER SOURCE N/A DISTANCE:                     

PIPELINES IN AREA: Enterprise / El Paso P/L

TECHNICIAN: Michael Thompson DATE: 10/8/07

**6 CR 5412 BLOOMFIELD, N.M. 87413**  
**OFFICE: 505-634-0271 CELL: 505-793-6953**

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

MADDOX C WN FEDERAL COM 1F

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7272				AFE \$: 484,169.20	
Field Name: hBR_SAN JUAN		Rig: Bearcat Rig 4		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> Surface Datum Code: NAD 27 Straight Hole							
Latitude: 36.809348		Longitude: -108.172511		X:	Y:	Section: 14	Range: 013W
Footage X: 2130 FEL		Footage Y: 1190 FSL		Elevation: 5703 (FT)		Township: 030N	
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2008		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 5715 Units = FT							
Formation Call & Casing Points		Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing		320	5395	<input type="checkbox"/>			12-1/4" hole. 8-5/8", 24 ppf, J-55, STC casing. Cement with 319 cubic ft. Circulate cement to surface.
KIRTLAND		355	5360	<input type="checkbox"/>			
FRUITLAND		1560	4155	<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS		1785	3930	<input type="checkbox"/>			
LEWIS		1967	3748	<input type="checkbox"/>			
HUERFANITO BENTONITE		2515	3200	<input type="checkbox"/>			
CHACRA		2807	2908	<input type="checkbox"/>			
MASSIVE CLIFF HOUSE		3325	2390	<input type="checkbox"/>			Gas
MENELEE		3445	2270	<input type="checkbox"/>			
MASSIVE POINT LOOKOUT		4132	1583	<input type="checkbox"/>			
MANCOS		4547	1168	<input type="checkbox"/>			
UPPER GALLUP		5440	275	<input type="checkbox"/>			
GREENHORN		6198	-483	<input type="checkbox"/>			
GRANEROS		6247	-532	<input type="checkbox"/>			
TWO WELLS		6301	-586	<input type="checkbox"/>	1850		Gas
PAGUATE		6367	-652	<input type="checkbox"/>			
CUBERO		6420	-705	<input type="checkbox"/>			
ENCINAL		6450	-735	<input type="checkbox"/>			
TOTAL DEPTH DK		6496	-781	<input type="checkbox"/>			7-7/8" hole. 4-1/2" 11.6 ppf, L-80, LTC casing. Cement with 1937 cubic ft. Circulate cement to surface.
<b>Reference Wells:</b>							
Reference Type	Well Name		Comments				

# PROJECT PROPOSAL - New Drill / Sidetrack

MADDOX C WN FEDERAL COM 1F

DEVELOPMENT

<b>Logging Program:</b>	
Intermediate Logs:	<input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo

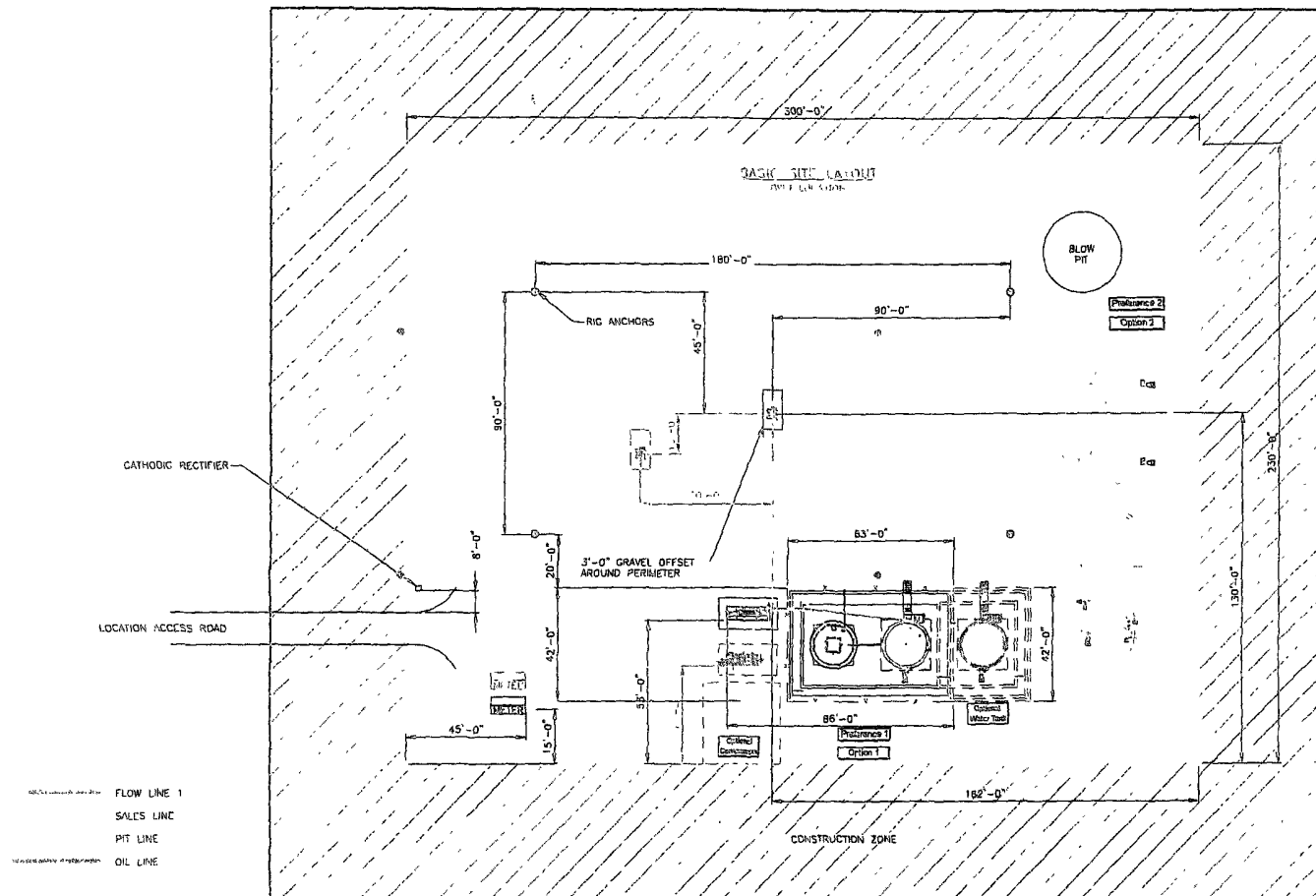
TD Logs:	<input type="checkbox"/> Triple Combo <input type="checkbox"/> Dipmeter <input type="checkbox"/> RFT <input type="checkbox"/> Sonic <input type="checkbox"/> VSP <input type="checkbox"/> TDT <input checked="" type="checkbox"/> Other
GR/CBL	

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

Comments: Location/Tops/Logging - DKNM030N013W14SE2 Avoid P, no other wells, prefer O,J,I.

Zones - DKNM030N013W14SE2

General/Work Description - DRILLING: LPT (rwall, ram 6/21/07)



SEE SHEET S 2.3 FOR PIPING DETAILS  
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN OF 3'-0" TOP

SHEET 1 OF 3

										CONOCO PHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT	
ENGINEERING REVIEW DISCIPLINE      REVIEWED      DATE PROCESS MECHANICAL PIPING ELECTRICAL I & C GENERAL INDUSTRIAL PROCESS										REFERENCE DRAWINGS NO.      DESCRIPTION	
CONOCO PHILLIPS										CLIENT NO.      CLIENT APPRO.      APPRO. DATE ORDER NO.      SCALE: NONE      FREQUENCY DATE 6/30/07 DRAWING NO.      1 OF 3 HP3PHASE-REV1	
SAN JUAN BUSINESS UNIT										SHEET NO. 1	

☐ SAN JUAN BUSINESS UNIT

CONOCOPHILLIPS  
HIGH PRESSURE 3 PHASE  
FACILITY DIAGRAM- SITE LAYOUT

ASCO D-1

CUSTOMER No.	CUSTOMER ADDR.	APPRO. DATE
DEL. OR. DT.	SCALE: NONE	CREATION DATE 6/26/87
	Draw. No.	
	HP3PHASE-REV1	

CUSTOM AFFR

APR 27 1964

SCALE: NONE

D.G. No. 1173711A

HP SPHASE-REV

CREATION DATE 6/20/07

॥ १ ॥

10, 3

LATITUDE: 36.80935°N  
 LONGITUDE: 108.17314°W  
 DATUM: NAD 83

# BURLINGTON RESOURCES O&G CO LP

MADDOX C WN FEDERAL COM #1F

1190' FSL & 2130' FEL

LOCATED IN THE SW/4 SE/4 OF SECTION 14,

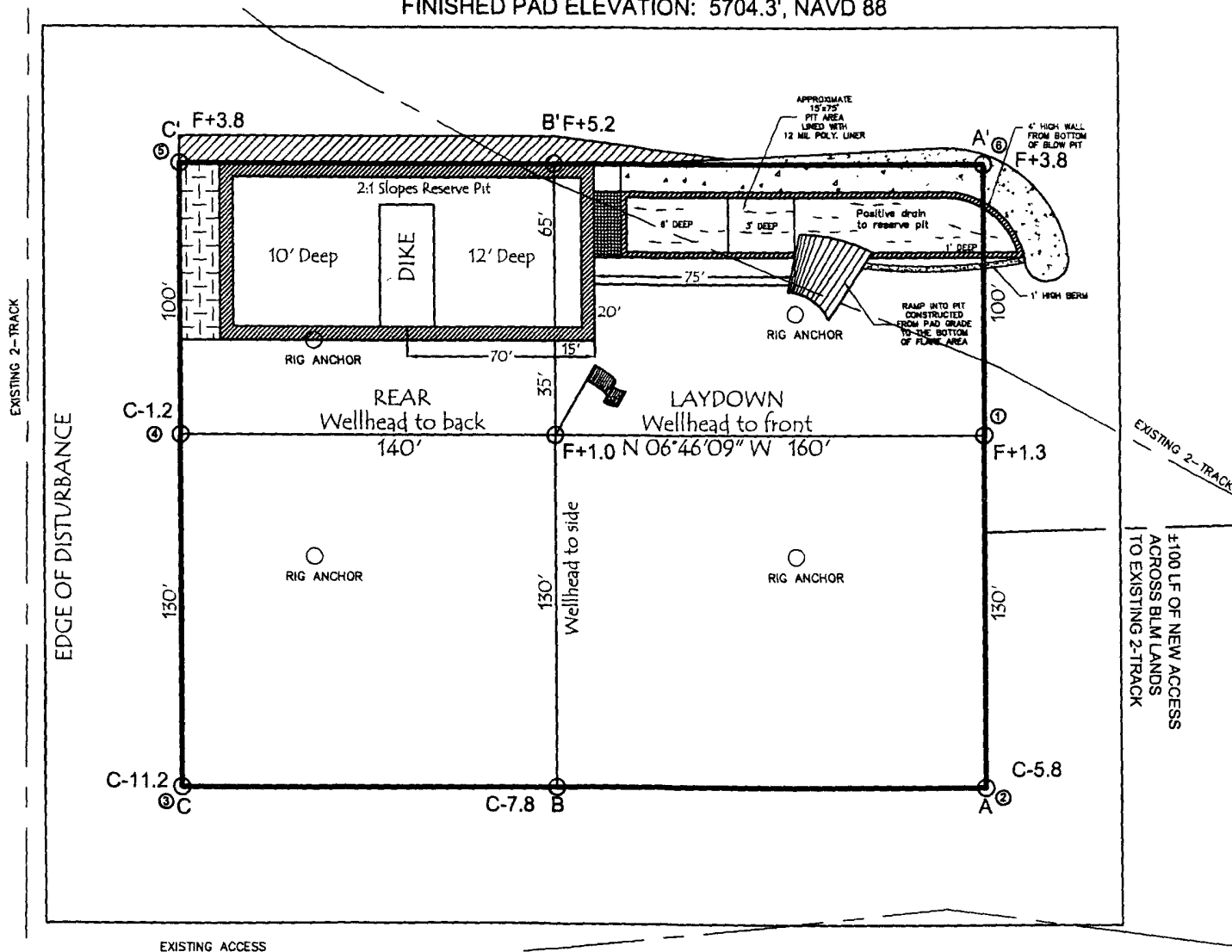
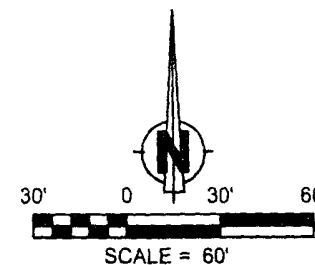
T30N, R13W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

GROUND ELEVATION: 5703', NAVD 88

FINISHED PAD ELEVATION: 5704.3', NAVD 88

SLOPES TO BE CONSTRUCTED TO  
 MATCH THE ORIGINAL CONTOURS  
 AS CLOSE AS POSSIBLE.



330' x 400' = 3.03 ACRES OF DISTURBANCE

SCALE: 1" = 60'

JOB No.: COPC103

DATE: 09/13/07

## NOTE:

RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).  
 RUSSELL SURVEYING, INC. 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, IN CONSTRUCTION ZONE AND/OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR  
 TO CONSTRUCTION.

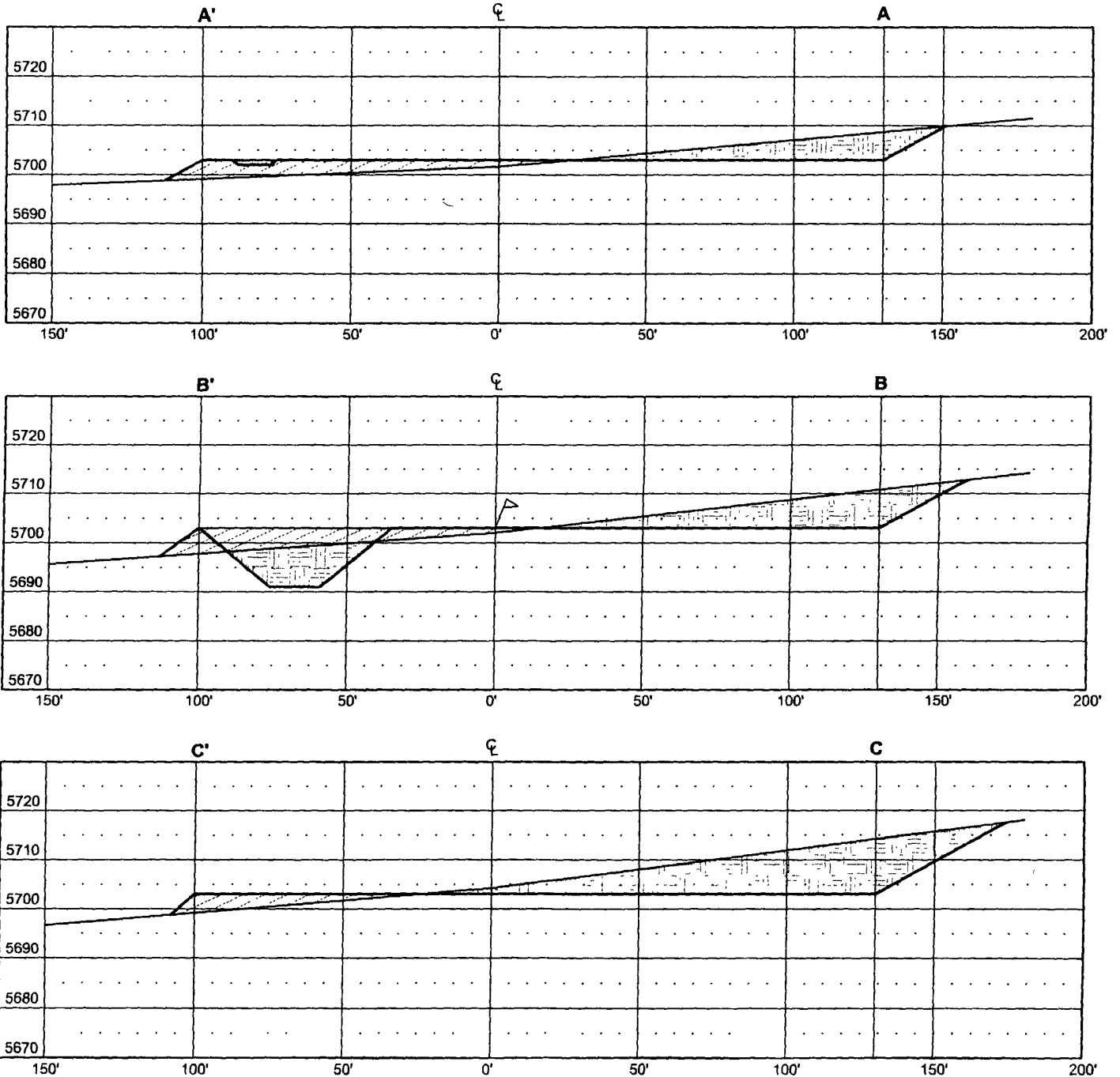


**Russell Surveying**  
 1409 W. Aztec Blvd. #2  
 Aztec, New Mexico 87410  
 (505) 334-8637

LATITUDE: 36.80935°N  
LONGITUDE: 108.17314°W  
DATUM: NAD 83

# BURLINGTON RESOURCES O&G CO LP

MADDOX C WN FEDERAL COM #1F  
1190' FSL & 2130' FEL  
LOCATED IN THE SW/4 SE/4 OF SECTION 14,  
T30N, R13W, N.M.P.M.,  
SAN JUAN COUNTY, NEW MEXICO  
GROUND ELEVATION: 5703', NAVD 88  
FINISHED PAD ELEVATION: 5704.3', NAVD 88



THIS DIAGRAM IS AN ESTIMATE OF DIRT BALANCE AND IS NOT INTENDED TO BE AN EXACT MEASURE OF VOLUME

VERT. SCALE: 1" = 30'  
HORZ. SCALE: 1" = 50'  
JOB No.: COPC103  
DATE: 09/13/07



**Russell Surveying**  
1409 W. Aztec Blvd. #2  
Aztec, New Mexico 87410  
(505) 334-8637