

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD AUG 23 '07
OIL CONS. DIV.
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2007 JUL 24 PM 3:15

1a. Type of Work DRILL	5. Lease Number SF-080245 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator ConocoPhillips	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Hamner 9. Well Number #3G
4. Location of Well Unit K (NESW), 2205' FSL & 1450' FWL, Latitude 36° 41.7 N Longitude 107° 48.3 W	10. Field, Pool, Wildcat Blaco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 29, T29N, R9W API # 30-045-34374
14. Distance in Miles from Nearest Town	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1450'	
16. Acres in Lease	17. Acres Assigned to Well MV/DK 288.45 (W/2)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease	
19. Proposed Depth 6652'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5736' 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)	<u>7-23-07</u> Date

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE ATM DATE 8/22/07

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.

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

Example Master Plan Type 3
This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

Bond Numbers ES-0048 and ES-0085

NMOCD

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

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088 PM 3:15
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

RECEIVED
M.M.
SIO WASHINGTON NM

AMENDED REPORT
RCVD AUG 23 '07

WELL LOCATION AND ACREAGE DEDICATION PLAT OIL CONS. DIV. DIST. 3

¹ API Number 30-045-34374		² Pool Code 72319	³ Pool Name BLANCO MESAVERDE
⁴ Property Code 31806	⁵ Property Name HAMNER		⁶ Well Number 3G
⁷ OGRID No 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY		⁹ Elevation 5736'

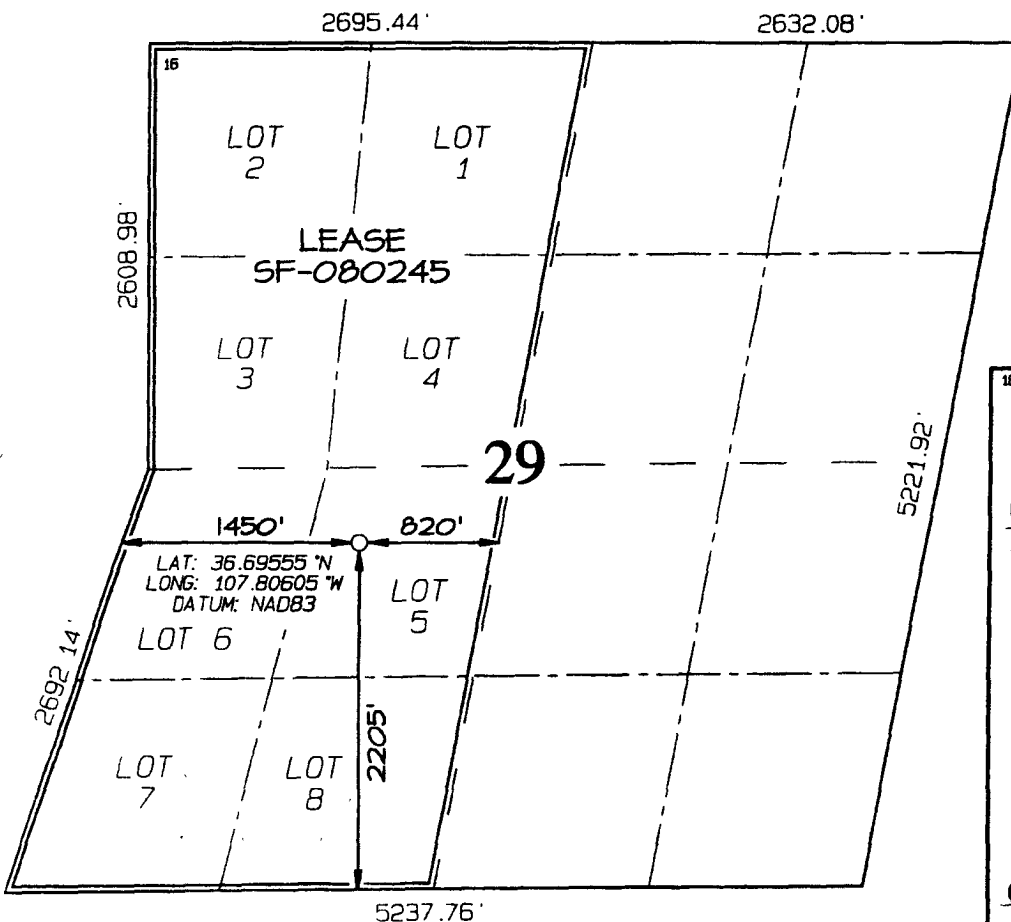
¹⁰ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	29	29N	9W		2205	SOUTH	1450	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
¹² Dedicated Acres 288.45 Acres - (W/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



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Virgil E. Chavez
Signature

Printed Name
Virgil E. Chavez

Title
Projects & Operations Lead

Date
August 24, 2006

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: JUNE 29, 2006

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

Submit 3 Copies To Appropriate District Office
 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

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- 34374
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	Federal Lease SF-080245
7. Lease Name or Unit Agreement Name	Hamner
8. Well Number	#3G
9. OGRID Number	217817
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
 ConocoPhillips

3. Address of Operator
 3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location
 Unit Letter K : 2205' feet from the South line and 1450' feet from the West line
 Section 29 Township 29N Rng 9W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
 5736'

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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <u>New Drill</u> <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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:

ConocoPhillips proposes to construct a new drilling pit, an associated vent/flare pit and a pre-set mud pit (if required). Based on ConocoPhillips' interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and pre-set mud pit will be unlined pits as detailed in ConocoPhillips' General Plan dated June 2005 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. ConocoPhillips anticipates closing these pits according to the November 1, 2004 Guidelines.

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 Rhonda Rogers TITLE Regulatory Technician DATE 7-20-07

Type or print name Rhonda Rogers E-mail address: rogerrs@conocophillips.com Telephone No. 505-599-4018

For State Use Only

APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE AUG 29 2007

Conditions of Approval (if any):

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HAMNER 3G

DEVELOPMENT

Lease:		AFE #: WAN.CNV.7180		AFE \$:	
Field Name: NEW MEXICO-WEST	Rig: H&P Rig 283	State: NM	County: SAN JUAN	API #:	
Geologist:	Phone:	Geophysicist:	Phone:		
Geoscientist: Brain, Ted H.	Phone: 832-486-2592	Prod. Engineer:	Phone:		
Res. Engineer: Harrington, Tim R.	Phone: 832-486-2207	Proj. Field Lead: Fransen, Eric E.	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: 36.695544	Longitude: -107.805433	X:	Y:	Section: 29	Range: 009W
Footage X: 1450 FWL	Footage Y: 2205 FSL	Elevation: 5736	(FT)	Township: 029N	
Tolerance:					

Location Type: Year Round	Start Date (Est.):	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 5752 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	219	5533	<input type="checkbox"/>			13-1/2" or 12-1/4" hole. Severe lost circulation is possible. 9 5/8", 36 ppf, J-55, STC casing. Cement with 173 cu. ft. Circulate cement to surface.
OJAM	965	4787	<input type="checkbox"/>			Possible water flows
KRLD	1134	4618	<input type="checkbox"/>			
FRLD	1842	3910	<input type="checkbox"/>			Possible gas
PCCF	2115	3637	<input type="checkbox"/>			
LEWS	2435	3317	<input type="checkbox"/>			
Intermediate Casing	2535	3217	<input type="checkbox"/>			8 3/4" hole. 7", 20 ppf, J-55, STC Casing. Cement with 570 cu. ft. Circulate cement to surface.
HURF	2780	2972	<input type="checkbox"/>			
CHRA	3104	2648	<input type="checkbox"/>			
UCLFH	3695	2057	<input type="checkbox"/>			
CLFH	3801	1951	<input type="checkbox"/>			Gas; possibly wet
MENF	3833	1919	<input type="checkbox"/>			Gas
PTLK	4392	1360	<input type="checkbox"/>	700	141	Gas
MNCS	4750	1002	<input type="checkbox"/>			
UPPER GLLP	5586	166	<input type="checkbox"/>			
GRHN	6342	-590	<input type="checkbox"/>			Gas possible, highly fractured
GRRS	6410	-658	<input type="checkbox"/>			
TWLS	6463	-711	<input type="checkbox"/>			Gas
PAGU	6522	-770	<input type="checkbox"/>			Gas. Highly Fractured.
CBBO	6557	-805	<input type="checkbox"/>			Gas
CBRL	6565	-813	<input type="checkbox"/>			
TOTAL DEPTH DK	6652	-900	<input type="checkbox"/>			6-1/4" Hole. 4-1/2", 11.6 ppf, N-80, LTC casing. Cement with 561 cu. ft. Circulate cement a minimum of 100' inside the previous casing string. No open hole logs. Cased hole TDT with GR to surface.
Total Depth	6652	-900	<input type="checkbox"/>			

Reference Wells:

PROJECT PROPOSAL - New Drill / Sidetrack

HAMNER 3G

DEVELOPMENT

Reference Type	Well Name	Comments
Intermediate	Hamner 2E	28-29N-9W-SE, KB = 5830
Intermediate	Hamner 3A	29-29N-9W-NW, KB = 5698
Intermediate	Hamner 3E	29-29N-9W-SW, KB = 5773

Logging Program:

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

TD Logs: Triple Combo Dipmeter RFT Sonic VSP TDT Other

GR/CBL

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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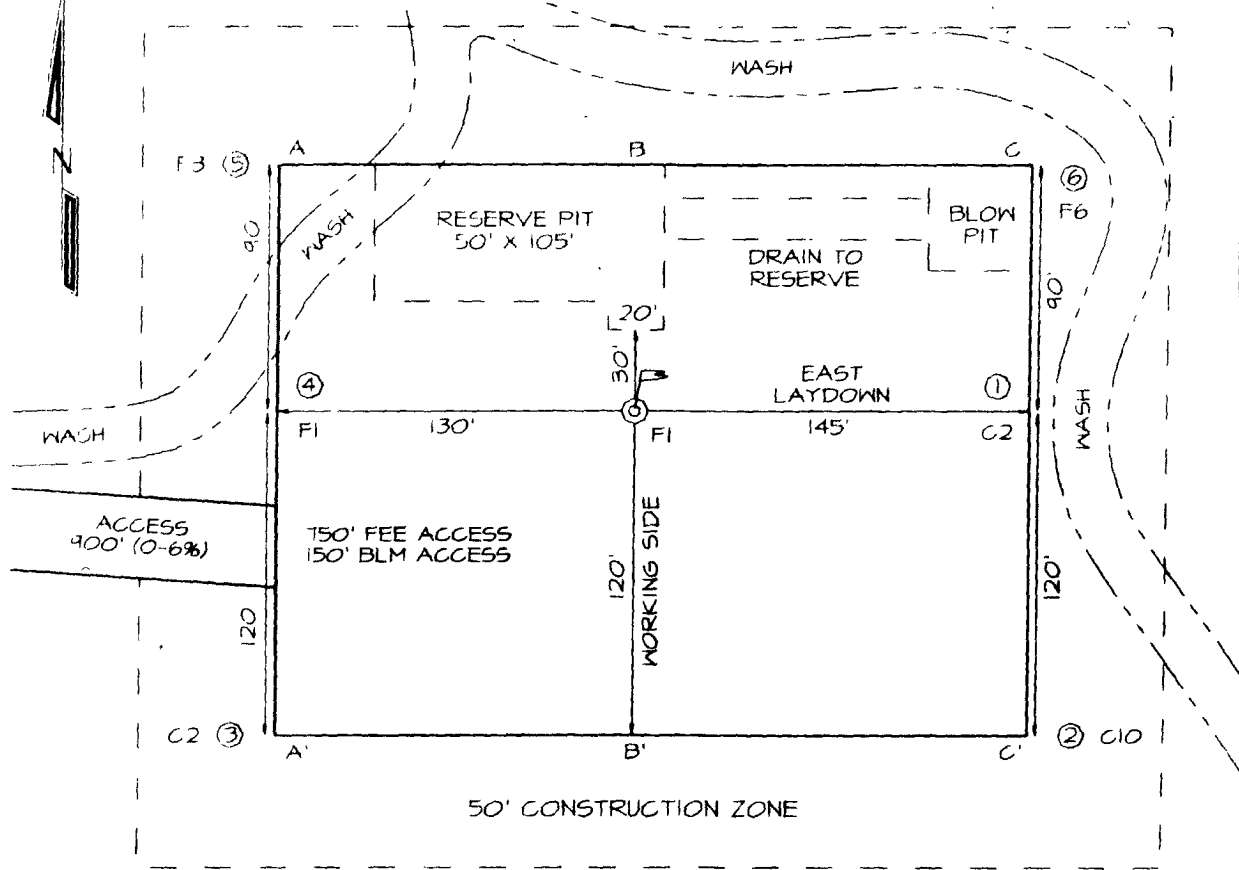
Comments: Location/Tops/Logging - MVNM029N009W29SW1 DKNM029N009W29SW2

Zones - Base spacing is 320 acres (288.45) for this 80 acre infill. May have to move location due west (minimally) due to topo and to keep standard in irregular spacing unit. Lease name should be Hamner.
 MVNM029N009W29SW1 DKNM029N009W29SW2

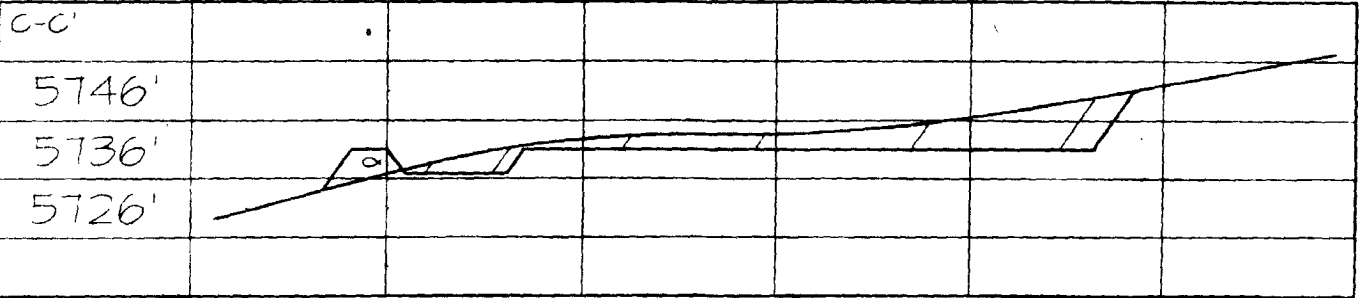
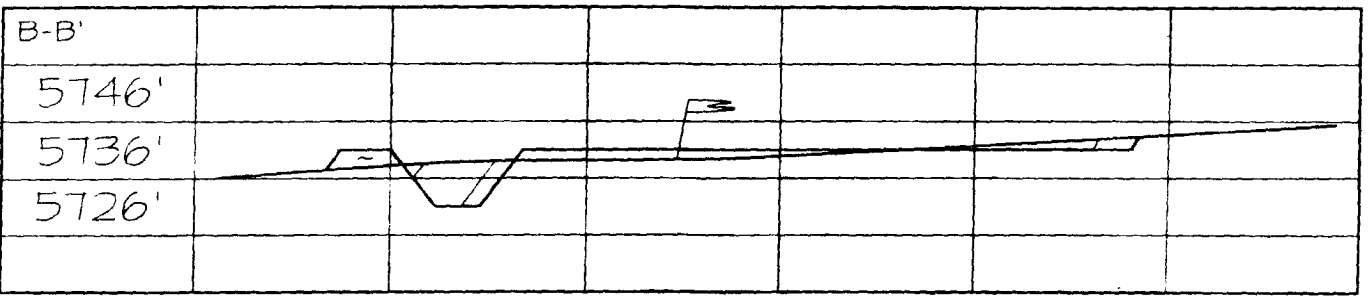
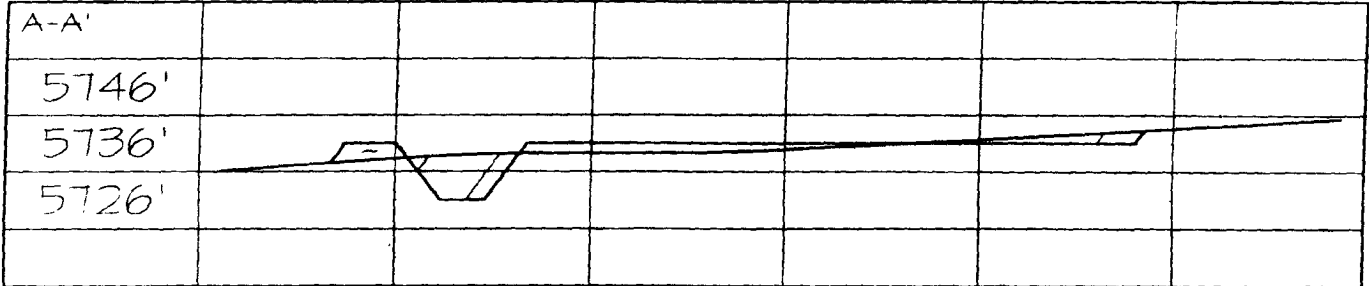
General/Work Description - Lease name should be Hamner.

CONOCOPHILLIPS COMPANY HAMNER #3G
2205' FSL & 1450' FWL, SECTION 29, T29N, R9W, NMPM
SAN JUAN COUNTY, NEW MEXICO ELEVATION: 5736'

PLAT NOTE:
 SURFACE OWNER
 Bureau of Land
 Management



LATITUDE: 36.69555° N
LONGITUDE: 107.80605° W
 DATUM NAD1983



Directions from the Intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM
to ConocoPhillips Company Hamner #3G

2205' FSL & 1450' FWL, Section 29, T29N, R9W, San Juan County, NM

From the intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM, travel Easterly on US Hwy 64 for 10.5 miles across the San Juan River to Largo Road (County Road #4450);

Go right (South-easterly) on Largo Road (County Road #4450) for 3.7 miles to fork in road;

Go right (South-easterly) remaining on Largo Road (County Road #4450) across 5-mile bridge for 0.6 miles to fork in road;

Go right (Westerly) on Sullivan Road (County Road #4990) for 4.9 miles to 4-way intersection;

Go left (South-easterly) for 0.4 miles to fork in road;

Go left (South-easterly) for 0.2 miles to 4-way intersection;

Go straight (South-easterly) @ 4-way intersection for 0.3 miles to fork in road;

Go left (North-easterly) for 0.1 miles to an existing wellpad from which new access continues for 900' to staked location.