

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 24 2010

Bureau of Land Management  
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA SF-078312 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 NMNM-73112-MV	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499  (505) 326-9700	8. Farm or Lease Name Hubbard 9. Well Number 1B RCVD OCT 7 '10 OIL CONS. DIV. DIST. 3	
4. Location of Well Surface: Unit I (NESE), 1795' FSL & 820' FEL BH: Unit J (NWSE), 2440' FSL & 1750' FEL  Surface: Latitude: 36.969303° N (NAD83) Longitude: 108.076578° W Bottomhole: Latitude: 36.971052° N (NAD83) Longitude: 108.079782° W	10. Field, Pool, Wildcat Basin DK/Blanco MV  11. Sec., Twn, Rge, Mer. (NMPM) I Sec. 22, T32N, R12W  API # 30-045- 85201	
14. Distance in Miles from Nearest Town 12.8 Miles from Aztec	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 820'	17. Acres Assigned to Well 320.00 E/2	
16. Acres in Lease 1095.980	20. Rotary or Cable Tools Rotary	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 72' from Hubbard 1A (MV)	22. Approx. Date Work will Start	
19. Proposed Depth 7488'	SEE ATTACHED FOR CONDITIONS OF APPROVAL	
21. Elevations (DF, FT, GR, Etc.) 6222' GL	23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: Brandie Blakley Brandie Blakley (Staff Regulatory Tech)	Date 9-24-10	

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

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

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

OCT 19 2010

NMOCD

Hold C104

for Directional Survey and "As Drilled" plat

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS

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

DISTRICT II  
1301 West 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

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 - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-35201	<sup>2</sup> Pool Code 71599/72319	<sup>3</sup> Pool Name BASIN DAKOTA/BLANCO MESAVERDE
<sup>4</sup> Property Code 18549	<sup>5</sup> Property Name HUBBARD	<sup>6</sup> Well Number 1B
<sup>7</sup> GRID No. 14538	<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	<sup>9</sup> Elevation 6222'

<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
I	22	32-N	12-W		1795	SOUTH	820	EAST	SAN JUAN

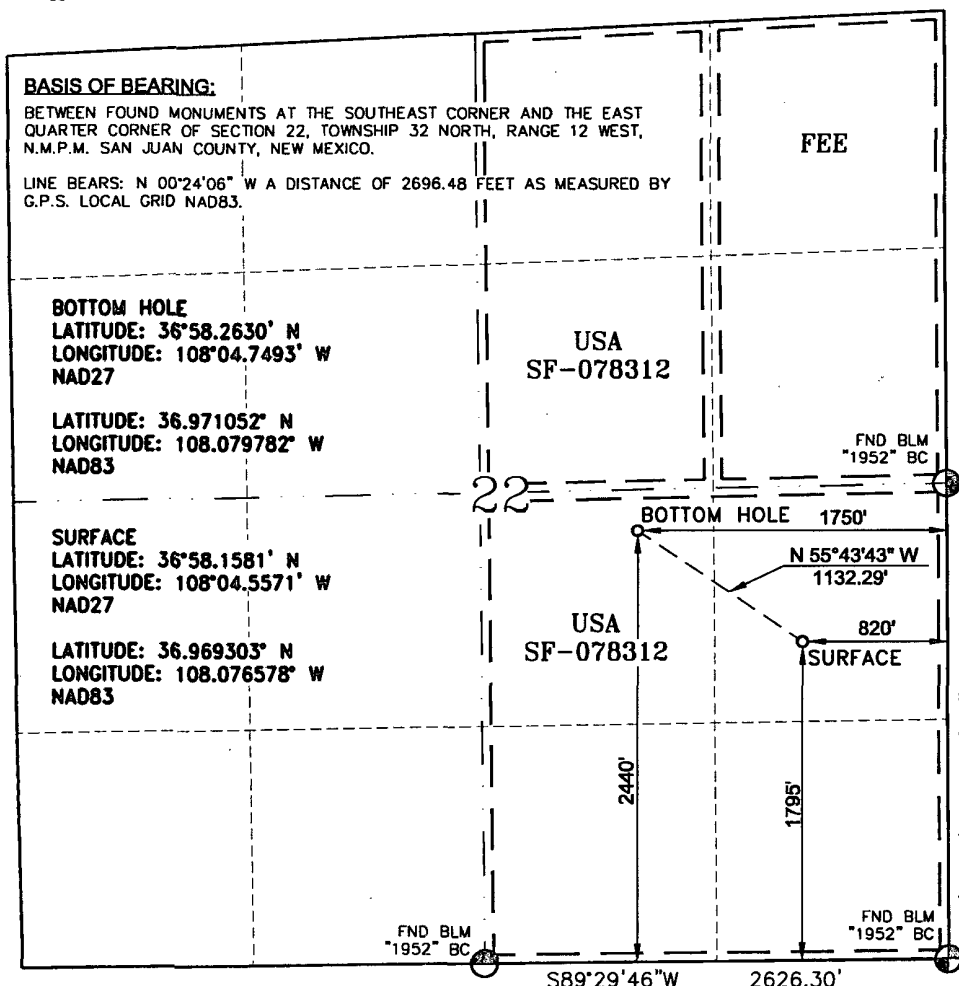
<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	22	32-N	12-W		2440	SOUTH	1750	EAST	SAN JUAN

<sup>12</sup> Dedicated Acres DK 320.00 ACRES E/2 MV 320.00 ACRES E/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



**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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Ethel Tally*  
Signature  
Ethel Tally  
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.

FEBRUARY 19, 2010

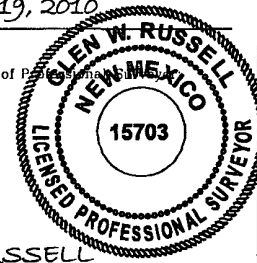
Date of Survey

Signature and Seal of Professional Surveyor

GLEN W. RUSSELL

Certificate Number

15703



PC

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HUBBARD 1B

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9377		AFE \$: 1,002,255.18	
Field Name: SAN JUAN		Rig: Aztec Rig 730		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	
<b>Primary Objective (Zones):</b>					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				
RON	BLANCO MESAVERDE (PRORATED GAS)				
<b>Location: Surface</b>					
Datum Code: NAD 27		Directional			
Latitude: 36.969302	Longitude: -108.075951	X:	Y:	Section: 22	Range: 012W
Footage X: 820 FEL	Footage Y: 1795 FSL	Elevation: 6222	(FT)	Township: 032N	
Tolerance:					
<b>Location: Bottom Hole</b>					
Datum Code: NAD 27		Directional			
Latitude: 36.971051	Longitude: -108.079155	X:	Y:	Section: 22	Range: 012W
Footage X: 1750 FEL	Footage Y: 2440 FSL	Elevation:	(FT)	Township: 032N	
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2012		Completion Date:	
Date In Operation:					
Formation Data: Assume KB = 6237 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)
BHT	Remarks				
Surface Casing	320	5917		<input type="checkbox"/>	12-1/4 hole. 320' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 244 cuft. Circulate cement to surface.
OJO ALAMO	1581	4656		<input type="checkbox"/>	
KIRTLAND	1711	4526		<input type="checkbox"/>	
FRUITLAND	2001	4236		<input type="checkbox"/>	Possible Gas
PICTURED CLIFFS	2693	3544		<input type="checkbox"/>	
LEWIS	2859	3378		<input type="checkbox"/>	
HUERFANITO BENTONITE	3372	2865		<input type="checkbox"/>	
CHACRA	3840	2397		<input type="checkbox"/>	
UPPER CLIFF HOUSE	4215	2022		<input type="checkbox"/>	Gas; Est. Top Perf - 4217 ( 2020 )
MASSIVE CLIFF HOUSE	4400	1837		<input type="checkbox"/>	482 Gas; Borderline Cliffhouse Wet
MENEFEE	4564	1673		<input type="checkbox"/>	
Intermediate Casing	4714 ✓	1523		<input type="checkbox"/>	111 8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 1108 cuft. Circulate cement to surface.
POINT LOOKOUT	4985	1252		<input type="checkbox"/>	
MANCOS	5379	858		<input type="checkbox"/>	
UPPER GALLUP	6427	-190		<input type="checkbox"/>	
GREENHORN	7173	-936		<input type="checkbox"/>	
GRANEROS	7225	-988		<input type="checkbox"/>	
TWO WELLS	7292	-1055		<input type="checkbox"/>	2566 Gas
PAGUATE	7377	-1140		<input type="checkbox"/>	
LOWER CUBERO	7405	-1168		<input type="checkbox"/>	

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HUBBARD 1B

DEVELOPMENT

ENCINAL	7438	-1201	<input type="checkbox"/>		TD - 50' below T/ENCN; Est. Btm Perf - 7468 (- 1231 ) based on offset wells
Total Depth	7488	-1251	<input type="checkbox"/>	201	6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 382 cuft. Circulate cement a minimum of 100' inside the previous casing string.

## Reference Wells:

Reference Type	Well Name	Comments
Production	Culpepper Martin 5	32N 12W 22 NE SW SW
Production	Moore C 1E	32N 12W 27 NW SE NE
Production	Decker 3M	32N 12W 23 NW NW NW

## Logging Program:

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

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

Cased Hole GR / CBL

Mudlog from 100' above top of GLLP to TD - mudlogger will call TD.

## Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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# ConocoPhillips or its affiliates

## Planning Report

Database: EDM Central Planning  
 Company: ConocoPhillips SJB  
 Project: San Juan Basin - New Mexico Wells  
 Site: Other Named Wells  
 Well: Hubbard #1B  
 Wellbore: Original Hole  
 Design: Plan #1

Local Co-ordinate Reference:  
 TVD Reference:  
 MD Reference:  
 North Reference:  
 Survey Calculation Method:

Well Hubbard #1B  
 RKB @ 6237.0ft (AWS Rig)  
 RKB @ 6237.0ft (AWS Rig)  
 True  
 Minimum Curvature

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,796.3	4,564.0	Menefee		0.00		
4,447.3	4,215.0	Upper Cliff House		0.00		
7,524.3	7,292.0	Two Wells		0.00		
4,632.3	4,400.0	Massive Cliff House		0.00		
7,609.3	7,377.0	Paguate		0.00		
6,659.3	6,427.0	Upper Gallup		0.00		
1,759.3	1,711.0	Kirtland		0.00		
5,217.3	4,985.0	Pioint Lookout		0.00		
1,615.4	1,581.0	Ojo Alamo		0.00		
7,670.3	7,438.0	Encinal		0.00		
2,866.9	2,693.0	Pictured Cliffs		0.00		
7,405.3	7,173.0	Greenhorn		0.00		
7,457.3	7,225.0	Graneros		0.00		
3,054.2	2,859.0	Lewis		0.00		
2,086.3	2,001.0	Fruitland Coal		0.00		
3,601.6	3,372.0	Huerfano Bentonite		0.00		
4,072.3	3,840.0	Chacra		0.00		
7,637.3	7,405.0	Lower Cubero		0.00		
5,611.3	5,379.0	Mancos		0.00		

# REFERENCE INFORMATION

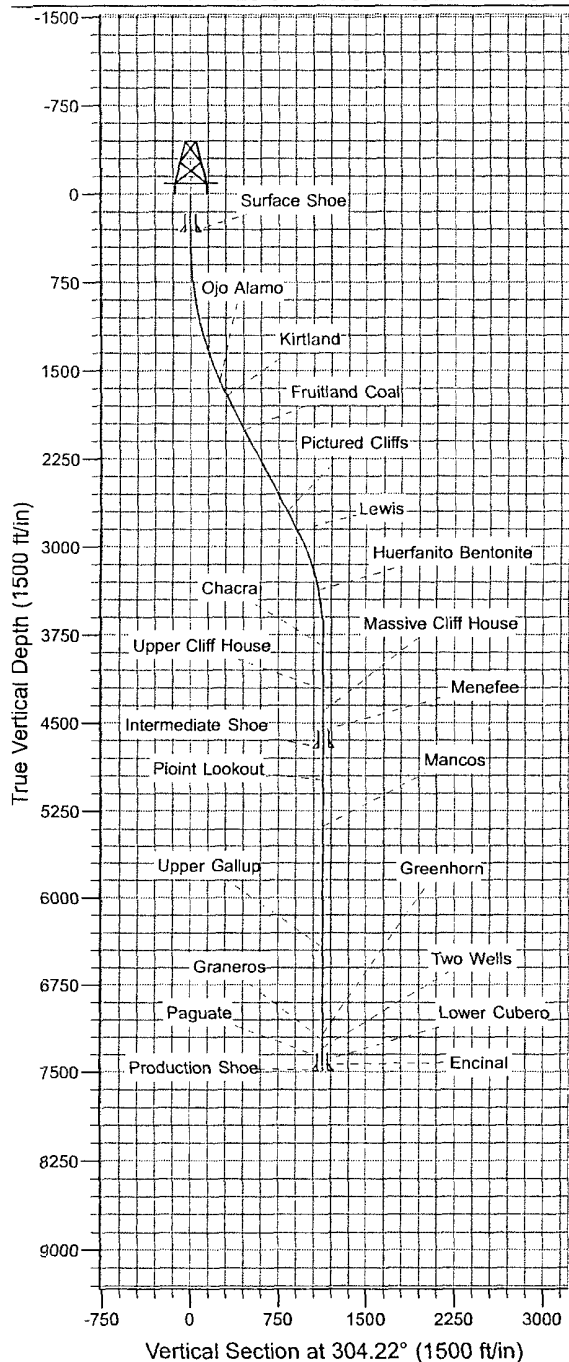
RKB @ 6237.0ft (AWS Rig)  
Ground Elevation 6222.0  
Reference Lat: 36° 58' 9.486 N  
Reference Long: 108° 4' 33.426 W

Project: San Juan Basin - New Mexico Wells  
Site: Other Named Wells  
Well: Hubbard #1B  
Wellbore: Original Hole  
Design: Plan #1



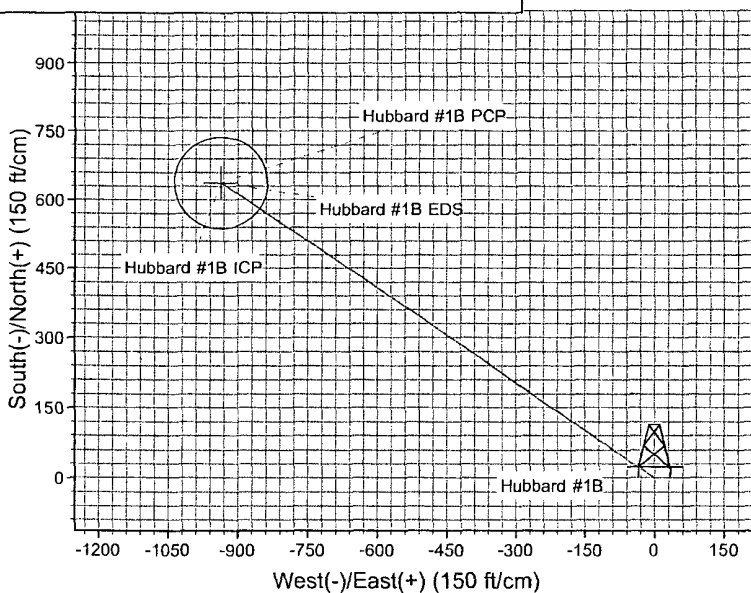
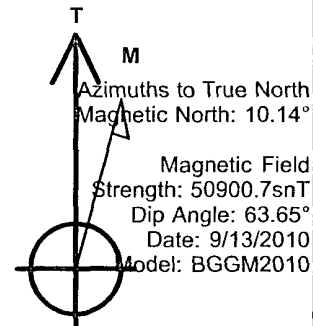
## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	420.0	0.00	0.00	420.0	0.0	0.0	0.00	0.00	0.0	
3	1798.7	27.57	304.22	1746.1	183.0	-269.1	2.00	304.22	325.4	
4	3072.2	27.57	304.22	2874.9	514.6	-756.5	0.00	0.00	914.9	
5	3991.3	0.00	0.00	3759.0	636.6	-935.9	3.00	180.00	1131.8	Hubbard #1B EDS
6	4946.3	0.00	0.00	4714.0	636.6	-935.9	0.00	0.00	1131.8	Hubbard #1B ICP
7	7720.3	0.00	0.00	7488.0	636.6	-935.9	0.00	0.00	1131.8	Hubbard #1B PCP



## FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1581.0	1615.4	Ojo Alamo
1711.0	1759.3	Kirtland
2001.0	2086.3	Fruitland Coal
2693.0	2866.9	Pictured Cliffs
2859.0	3054.2	Lewis
3372.0	3601.6	Huerfano Bentonite
3840.0	4072.3	Chacra
4215.0	4447.3	Upper Cliff House
4400.0	4632.3	Massive Cliff House
4564.0	4796.3	Menefee
4985.0	5217.3	Point Lookout
5379.0	5611.3	Mancos
6427.0	6659.3	Upper Gallup
7173.0	7405.3	Greenhorn
7225.0	7457.3	Graneros
7292.0	7524.3	Two Wells
7377.0	7609.3	Pagate
7405.0	7637.3	Lower Cubero
7438.0	7670.3	Encinal



STATE OF NEW MEXICO §  
§  
COUNTY OF SAN JUAN §

**RECORDATION NOTICE AND**  
**MEMORANDUM OF SURFACE USE AGREEMENT**

This Agreement effective as of the 15<sup>th</sup> day of April, 2010 ("the Effective Date"), by and between STEVE MILLER, Personal Representative of the Estate of Duane Miller, whose address is 610 Miller, Bloomfield, New Mexico 87413, hereinafter referred to as "Grantor", does hereby grant unto CONOCOPHILLIPS COMPANY whose address is ConocoPhillips Company, Attention: Manager, RPA, P. O. Box 7500, Bartlesville, Oklahoma 74004-7500, hereinafter referred to as "Grantee".

**WITNESSETH**

1. In consideration of Ten Dollars (\$10.00) and other good and valuable consideration, cash in hand paid by Grantee to Grantor, the receipt and sufficiency of which is hereby acknowledged, Grantor hereby grants unto Grantee the following:

- (a) The rights and privileges to enter upon and use the following lands of Grantor in accordance with the terms and conditions of that certain unrecorded Surface Use Agreement executed by the parties herein and of even date herewith covering:

**Hubbard 1B**  
**Section 22, Township, 32 North, Range 12 West, N.M.P.M.**  
**San Juan County, New Mexico**

- (b) In accordance with Section 19.15.17.13.F.1.f of the NMAC, operator hereby provides notice in the public record of an on-site burial of a temporary pit on the premises, as indicated on Exhibit "A" attached hereto and made a part hereof.

The Surface Use Agreement is hereby referred to and incorporated herein.

IN WITNESS WHEREOF, this Recordation Notice and Memorandum of Surface Use Agreement has been executed on the date indicated below by the undersigned but shall be effective as of the Effective Date.

**GRANTOR**

**STEVE MILLER, Personal Representative of the Estate of Duane Miller**

Steve Miller - Personal Representative of the Estate of Duane Miller  
Steve Miller

GRANTEE

CONOCOPHILLIPS COMPANY

\_\_\_\_\_  
Brian Calloway, Attorney-in-Fact

STATE OF NEW MEXICO §  
§  
COUNTY OF SAN JUAN §

This instrument was acknowledged before me this 15<sup>th</sup> day of April, 2010 by  
Steve Miller, Personal Representative of the Estate of Duane Miller.

My Commission Expires:

March 31, 2014

Joan E. Clark  
Notary Public

STATE OF TEXAS §  
§  
COUNTY OF ECTOR §

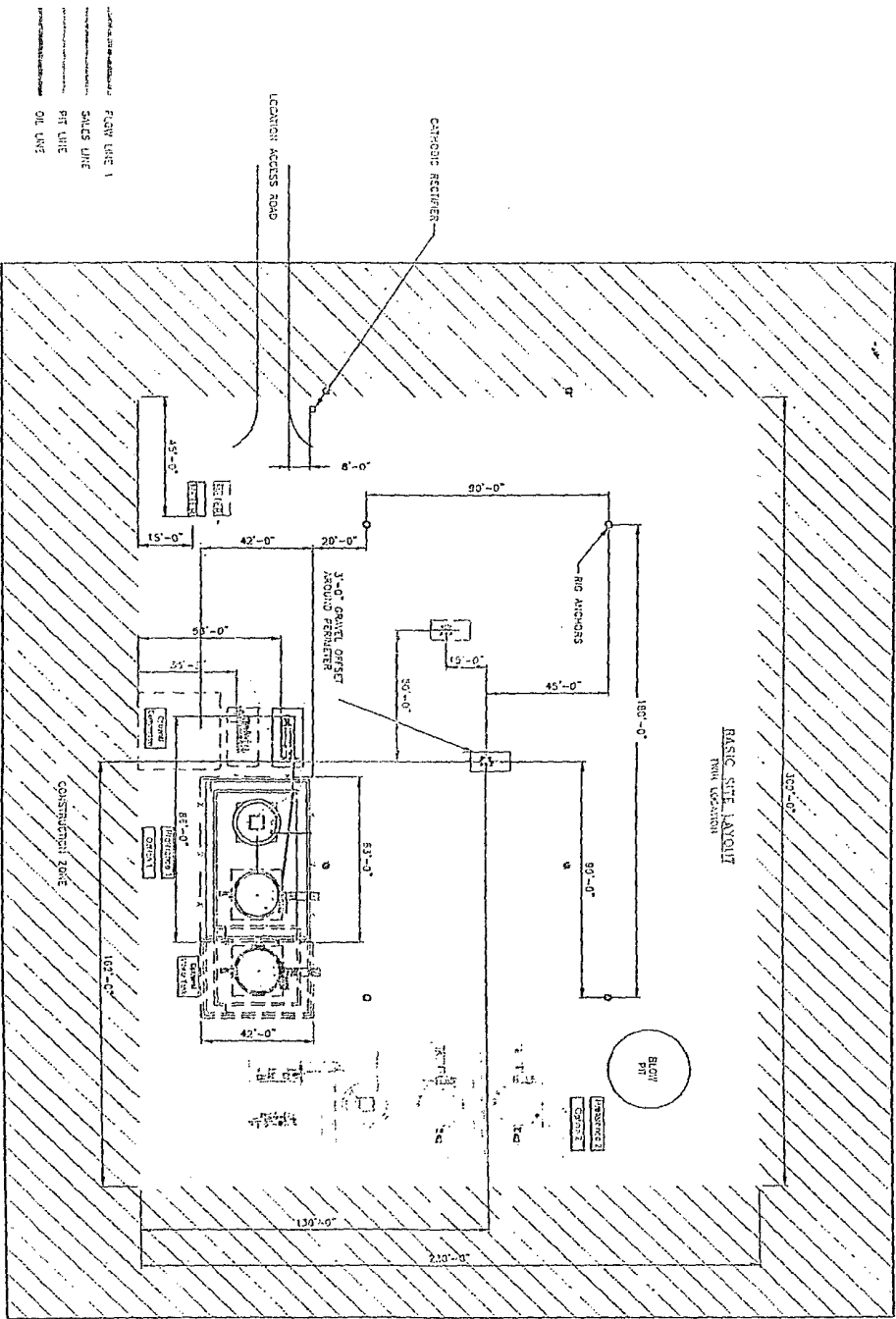
This instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2010y Brian  
Calloway, Attorney-in-Fact of CONOCOPHILLIPS COMPANY, on behalf of said corporation.

My Commission Expires:

\_\_\_\_\_

\_\_\_\_\_  
Notary Public





SEE SHEET 1 & 2 FOR PROCESS DETAILS  
ALL DIMENSIONS ARE IN FEET & INCHES  
UNLESS OTHERWISE SPECIFIED

SHEET 1 OF 2

ENGINEERING DATA				REFERENCE DRAWINGS			
DATE	REV	BY	CHK	DATE	REV	BY	CHK
01/20/2014	01	01/20/2014	01/20/2014	01/20/2014	01	01/20/2014	01/20/2014
01/20/2014	02	01/20/2014	01/20/2014	01/20/2014	02	01/20/2014	01/20/2014
01/20/2014	03	01/20/2014	01/20/2014	01/20/2014	03	01/20/2014	01/20/2014
01/20/2014	04	01/20/2014	01/20/2014	01/20/2014	04	01/20/2014	01/20/2014
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01/20/2014	07	01/20/2014	01/20/2014	01/20/2014	07	01/20/2014	01/20/2014
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01/20/2014	53	01/20/2014	01/20/2014	01/20/2014	53	01/20/2014	01/20/2014
01/20/2014	54	01/20/2014	01/20/2014	01/20/2014	54	01/20/2014	01/20/2014
01/20/2014	55	01/20/2014	01/20/2014	01/20/2014	55	01/20/2014	01/20/2014
01/20/2014	56	01/20/2014	01/20/2014	01/20/2014	56	01/20/2014	01/20/2014
01/20/2014	57	01/20/2014	01/20/2014	01/20/2014	57	01/20/2014	01/20/2014
01/20/2014	58	01/20/2014	01/20/2014	01/20/2014	58	01/20/2014	01/20/2014
01/20/2014	59	01/20/2014	01/20/2014	01/20/2014	59	01/20/2014	01/20/2014
01/20/2014	60	01/20/2014	01/20/2014	01/20/2014	60	01/20/2014	01/20/2014
01/20/2014	61	01/20/2014	01/20/2014	01/20/2014	61	01/20/2014	01/20/2014
01/20/2014	62	01/20/2014	01/20/2014	01/20/2014	62	01/20/2014	01/20/2014
01/20/2014	63	01/20/2014	01/20/2014	01/20/2014	63	01/20/2014	01/20/2014
01/20/2014	64	01/20/2014	01/20/2014	01/20/2014	64	01/20/2014	01/20/2014
01/20/2014	65	01/20/2014	01/20/2014	01/20/2014	65	01/20/2014	01/20/2014
01/20/2014	66	01/20/2014	01/20/2014	01/20/2014	66	01/20/2014	01/20/2014
01/20/2014	67	01/20/2014	01/20/2014	01/20/2014	67	01/20/2014	01/20/2014
01/20/2014	68	01/20/2014	01/20/2014	01/20/2014	68	01/20/2014	01/20/2014
01/20/2014	69	01/20/2014	01/20/2014	01/20/2014	69	01/20/2014	01/20/2014
01/20/2014	70	01/20/2014	01/20/2014	01/20/2014	70	01/20/2014	01/20/2014
01/20/2014	71	01/20/2014	01/20/2014	01/20/2014	71	01/20/2014	01/20/2014
01/20/2014	72	01/20/2014	01/20/2014	01/20/2014	72	01/20/2014	01/20/2014
01/20/2014	73	01/20/2014	01/20/2014	01/20/2014	73	01/20/2014	01/20/2014
01/20/2014	74	01/20/2014	01/20/2014	01/20/2014	74	01/20/2014	01/20/2014
01/20/2014	75	01/20/2014	01/20/2014	01/20/2014	75	01/20/2014	01/20/2014
01/20/2014	76	01/20/2014	01/20/2014	01/20/2014	76	01/20/2014	01/20/2014
01/20/2014	77	01/20/2014	01/20/2014	01/20/2014	77	01/20/2014	01/20/2014
01/20/2014	78	01/20/2014	01/20/2014	01/20/2014	78	01/20/2014	01/20/2014
01/20/2014	79	01/20/2014	01/20/2014	01/20/2014	79	01/20/2014	01/20/2014
01/20/2014	80	01/20/2014	01/20/2014	01/20/2014	80	01/20/2014	01/20/2014
01/20/2014	81	01/20/2014	01/20/2014	01/20/2014	81	01/20/2014	01/20/2014
01/20/2014	82	01/20/2014	01/20/2014	01/20/2014	82	01/20/2014	01/20/2014
01/20/2014	83	01/20/2014	01/20/2014	01/20/2014	83	01/20/2014	01/20/2014
01/20/2014	84	01/20/2014	01/20/2014	01/20/2014	84	01/20/2014	01/20/2014
01/20/2014	85	01/20/2014	01/20/2014	01/20/2014	85	01/20/2014	01/20/2014
01/20/2014	86	01/20/2014	01/20/2014	01/20/2014	86	01/20/2014	01/20/2014
01/20/2014	87	01/20/2014	01/20/2014	01/20/2014	87	01/20/2014	01/20/2014
01/20/2014	88	01/20/2014	01/20/2014	01/20/2014	88	01/20/2014	01/20/2014
01/20/2014	89	01/20/2014	01/20/2014	01/20/2014	89	01/20/2014	01/20/2014
01/20/2014	90	01/20/2014	01/20/2014	01/20/2014	90	01/20/2014	01/20/2014
01/20/2014	91	01/20/2014	01/20/2014	01/20/2014	91	01/20/2014	01/20/2014
01/20/2014	92	01/20/2014	01/20/2014	01/20/2014	92	01/20/2014	01/20/2014
01/20/2014	93	01/20/2014	01/20/2014	01/20/2014	93	01/20/2014	01/20/2014
01/20/2014	94	01/20/2014	01/20/2014	01/20/2014	94	01/20/2014	01/20/2014
01/20/2014	95	01/20/2014	01/20/2014	01/20/2014	95	01/20/2014	01/20/2014
01/20/2014	96	01/20/2014	01/20/2014	01/20/2014	96	01/20/2014	01/20/2014
01/20/2014	97	01/20/2014	01/20/2014	01/20/2014	97	01/20/2014	01/20/2014
01/20/2014	98	01/20/2014	01/20/2014	01/20/2014	98	01/20/2014	01/20/2014
01/20/2014	99	01/20/2014	01/20/2014	01/20/2014	99	01/20/2014	01/20/2014
01/20/2014	100	01/20/2014	01/20/2014	01/20/2014	100	01/20/2014	01/20/2014

ConocoPhillips

SAN JUAN BUSINESS UNIT

CONOCO PHILLIPS  
HIGH PRESSURE 3 PHASE  
FACILITY DRAINAGE SITE LAYOUT

DATE: 01/20/2014  
DRAWN BY: [Signature]  
CHECKED BY: [Signature]  
APPROVED BY: [Signature]  
REVISION: 1 OF 1

Directions from the Intersection of Hwy 516 &  
Hwy 173 in Aztec, NM

To:

**Burlington Resources Oil & Gas Company LP**

**HUBBARD #1B**

1795' FSL & 820' FEL,

Section 22, T32N, R12W, N.M.P.M.,

San Juan County, New Mexico

LAT. 36° 58' 09.491" N

LONG. 108° 04' 35.682" W

NAD 1983

From the Intersection of Hwy 516 & Hwy 173,  
Go Northwesterly on Hwy 173 for 8.3 miles,  
Turn right (northerly) on CR 1350 (Hartley Springs Ranch Road)  
for 4.3 miles,  
turn right (southeasterly) 0.2 miles,  
turn right (southerly) 250' to the newly staked location,  
twinning on existing well pad, HUBBARD #1A.