

Wilson #100

submitted 09/10/2008 API: 30-045-34790 - **Can be cancelled**

San Juan 28-4 Unit #29M submitted 03/30/2007 API: 30-039-30240 - **Can be cancelled**

(In white spotted owl) well was to be move or was moved

Jernigan #3B

submitted 08/06/2012

API: 30-045-35394 - **Can be cancelled**

Navajo Indian B #5P submitted 01/02/2013 API: 30-04534939 - **Can be cancelled** ✓

On last item per our conversation, we have a sundry notice submitted for the SJ 29-7 Unit #106P api 30-039-30287  
Surface location is in T29N, R7W Sec. 35 SENE. The way the well bore is designed the well bore would penetrate  
Federal lease NMSF-078425A

If this well is not going to be drilled please send our office a sundry notice withdrawal the sundry notice or APD. -  
**Request that the NOI be processed for approval.**

Cynthia Marquez

6251 College Blvd.

Farmington, NM 87402

505-564-7741

[cmarquez@blm.gov](mailto:cmarquez@blm.gov)

NMOC-A cancelled per operators request 8/1/11  
28



Marquez, Cynthia <cmarquez@blm.gov>

## Unapproved APD's

5 messages

Marquez, Cynthia <cmarquez@blm.gov>

Thu, Jun 23, 2016 at 5:35 PM

To: "Busse, Dollie L" <Dollie.L.Busse@conocophillips.com>

Cc: Crystal.Walker@conocophillips.com, Troy Salyers <tsalyers@blm.gov>

Hi Dollie,

We have several wells that are in APD status and have never been approved. Email with Pasty stated Brandie Blakley would look into these wells and get back with us dated 01/30/2011.

Please let us know what ConocoPhillips position is in regards to the list of APDs.

OIL CONS. DIV DIST. 3  
MAR 01 2017

I found these records in my system and I am looking for file:

Lively #21P submitted 02/26/2013 API: 30-039-31188

San Juan 29-7 Unit #520S submitted 09/13/2006 API: Unknown (maybe it is a moved well?)

Tommy Bolack #1P submitted 11/08/2012 API: unknown

Heaton Com A #101 submitted 03/03/2010 API: unknown

I have well files for these:

Huerfano Unit HZDK #1H submitted 12/19/2014 API: 30-045-35626

Lively #6N submitted 02/26/2013 API: 30-045-35463

Nye #10P submitted 02/25/2013 API: 30-045-35464

Rock Island #1M submitted 02/26/2013 API: 30-045-35464

Michener #1N submitted 02/26/2013 API: 30-045-35462

San Juan 32-7 Unit #63N submitted 11/21/08 API: 30-045-34852

San Juan 31-6 Unit #36F submitted 08/03/2007 API: 30-039-30313

San Juan 31-6 Unit #39F submitted 04/18/2007 API: 30-039-30249

Wilson #100 submitted 09/10/2008 API: 30-045-34790

San Juan 28-4 Unit #29M submitted 03/30/2007 API: 30-039-30240  
(In white spotted owl) well was to be move or was moved

Jemigan #3B submitted 08/06/2012 API: 30-045-35394

Navajo Indian B #5P submitted 01/02/2013 API: 30-04534939

On last item per our conversation, we have a sundry notice submitted for the SJ 29-7 Unit #106P api 30-039-30287  
Surface location is in T29N, R7W Sec. 35 SENE. The way the well bore is designed the well bore would penetrate  
Federal lease NMSF-078425A

Cynthia Marquez  
6251 College Blvd.  
Farmington, NM 87402  
505-564-7741  
[cmarquez@blm.gov](mailto:cmarquez@blm.gov)

[Quoted text hidden]

**Walker, Crystal** <Crystal.Walker@conocophillips.com>

Mon, Aug 1, 2016 at 3:18 PM

To: "Marquez, Cynthia" <cmarquez@blm.gov>

Cc: "Walker, Crystal" <Crystal.Walker@conocophillips.com>, "Roberts, Kelly G" <Kelly.Roberts@conocophillips.com>, "Notor, Lori" <Lori.R.Notor@conocophillips.com>, "Busse, Dollie L" <Dollie.L.Busse@conocophillips.com>

Good afternoon Cynthia,

Please find below an update on the APDs you requested. For the wells that can be cancelled do you want us to submit paperwork or will you return the APDs?

Please feel free to contact me at any time if you have any questions.

Thank you,

**Crystal Walker**

Regulatory Coordinator

ConocoPhillips Lower 48

T: 505-326-9837 | F: 505-599-4086 | M: 505-793-2398 | [crystal.walker@cop.com](mailto:crystal.walker@cop.com)

Visit the new Lower 48 website:

[www.conocophillipsuslower48.com](http://www.conocophillipsuslower48.com)

**From:** Marquez, Cynthia [<mailto:cmarquez@blm.gov>]

**Sent:** Thursday, June 23, 2016 5:35 PM

**To:** Busse, Dollie L <[Dollie.L.Busse@conocophillips.com](mailto:Dollie.L.Busse@conocophillips.com)>

**Cc:** Walker, Crystal <[Crystal.Walker@conocophillips.com](mailto:Crystal.Walker@conocophillips.com)>; Troy Salyers <[tsalyers@blm.gov](mailto:tsalyers@blm.gov)>

**Subject:** [EXTERNAL]Unapproved APD's

Hi Dollie,



OIL CONS. DIV DIST. 3

MAR 01 2017

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number I-149-IND-8468 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 NAVAJO INDIAN B 9. Well Number 5P
4. Location of Well Surface: Unit F(SE/NW), 2069' FNL & 1966' FWL BHL : Unit F(SE/NW), 1866' FNL & 1754' FWL  Surface: Latitude: 36.54741° N (NAD83) Longitude: 107.72449° W BHL : Latitude: 36.54800° N (NAD83) Longitude: 107.72521° W	10. Field, Pool, Wildcat BLANCO MV / BASIN DK 11. Sec., Twn, Rge, Mer. (NMPM) SUR: Sec. 30, T27N, R8W BHL: Sec. 30, T27N, R8W  API # 30-045- <b>34939</b>
14. Distance in Miles from Nearest Town 17 miles from Blanco, NM	12. County San Juan
15. Distance from Proposed Location to Nearest Property or Lease Line 1754'	13. State NM
16. Acres in Lease <b>642.24</b>	17. Acres Assigned to Well 320.80 Acres w/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1040' from Navajo Indian B 5M CH/MV/DK	
19. Proposed Depth 6693'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6040' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Arleen White</u> Arleen White (Staff Regulatory Tech)	<u>1/2/2013</u> Date

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Archaeological Report attached

A gas recovery unit may or may not be used on this location.

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 3160.4  
and appeal pursuant to 43 CFR 3165.4  
DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS".

NMOC

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



DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II  
811 E. First St., Artesia, N.M. 88210  
Phone: (575) 748-1283 Fax: (575) 748-9780

DISTRICT III  
1000 Rio Brazos Rd., Artesia, N.M. 87410  
Phone: (505) 334-8178 Fax: (505) 334-6170

DISTRICT IV  
1820 E. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 478-8460 Fax: (505) 478-8468

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to appropriate  
District Office

OIL CONS. DIVISION CONSERVATION DIVISION

MAR 01 2017

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-	<sup>2</sup> Pool Code 72319 / 71599	<sup>3</sup> Pool Name BLANCO MESAVERDE / BASIN DAKOTA
<sup>4</sup> Property Code 7350	<sup>5</sup> Property Name NAVAJO INDIAN B	<sup>6</sup> Well Number 5P
<sup>7</sup> GRID No. 14538	<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	<sup>9</sup> Elevation 6040'

<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
F	30	27N	8W		2069'	NORTH	1966'	WEST	SAN JUAN

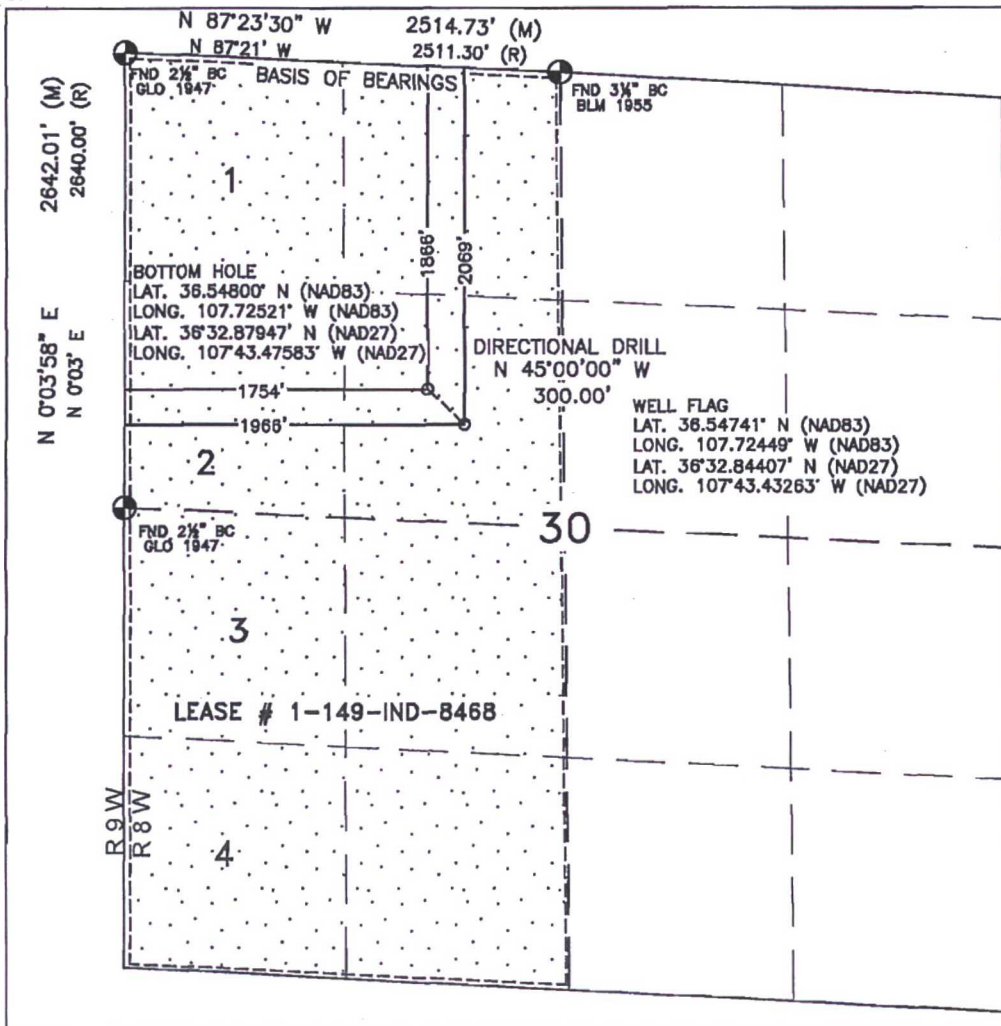
<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	30	27N	8W		1866'	NORTH	1754'	WEST	SAN JUAN

<sup>12</sup> Dedicated Acres 320.80 ACRES W/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

18



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 \_\_\_\_\_ Date 12/12/12

Marie E. Jaramillo  
Printed Name

Staff Regulatory Tech.

E-mail Address

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.

OCTOBER 3, 2012

Date of Survey  
Signature and Seal of Professional Surveyor:



DAVID RUSSELL  
Certificate Number 10201

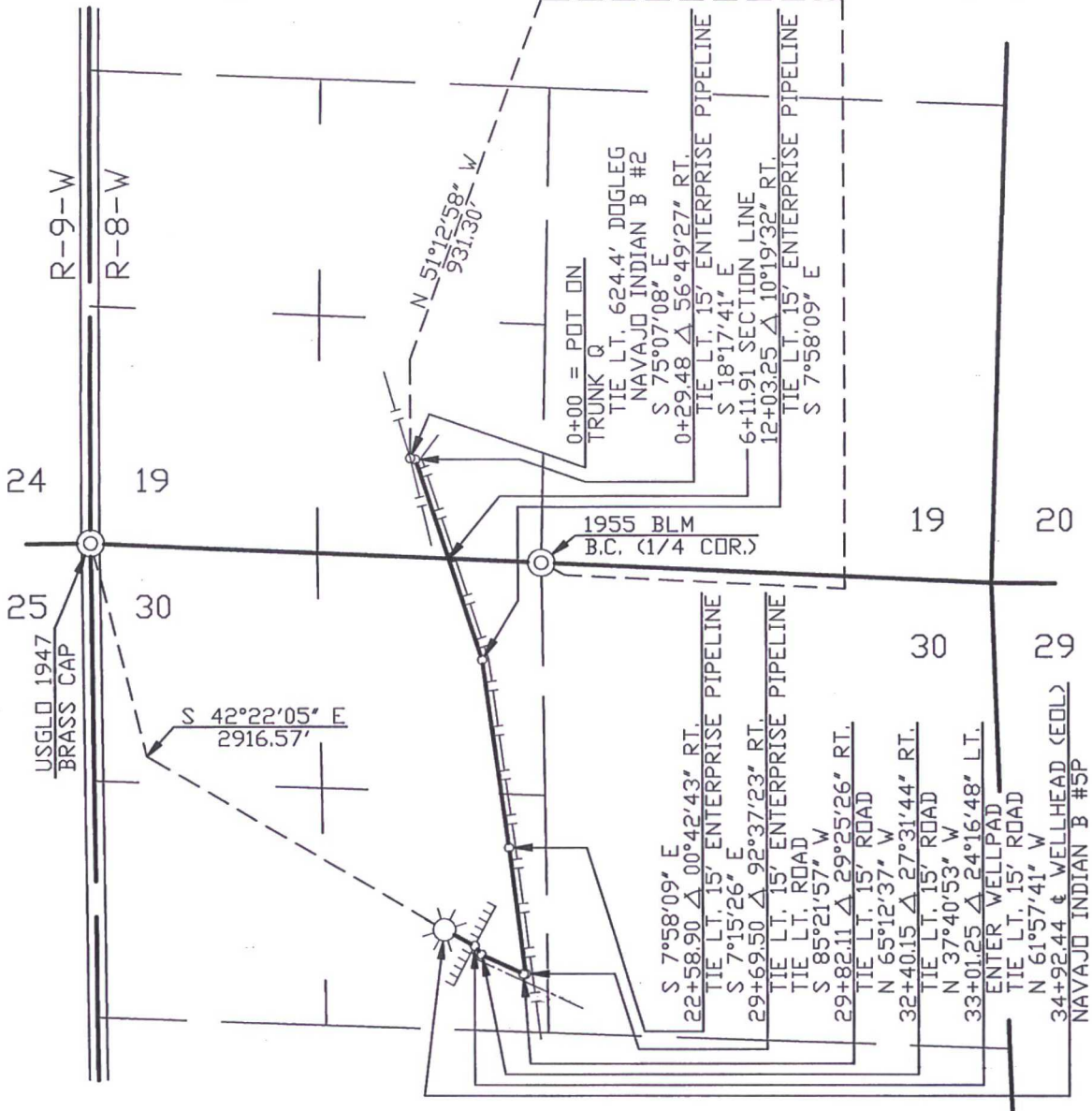






C-102  
FOOTAGES:•  
2069' FNL  
1966' FWL  
DATE: 10-03-12

NOTE: BEARINGS ARE BASED ON THE NM COORDINATE SYSTEM,  
WEST ZONE, NAD 83, ALONG THE NORTH LINE OF THE NW 1/4 OF  
SECTION 30, T-27-N, R-8-W, NMPM  
BEARS: S 87°27'50" E - 2513.74'



# SURVEYORS CERTIFICATION

I, MARSHALL W. LINDEEN, BEING A LICENSED SURVEYOR IN THE  
STATE OF NEW MEXICO DO HEREBY CERTIFY THAT THE SURVEY  
REPRESENTED BY THIS PLAT WAS MADE UNDER MY DIRECT SUPERVISION  
AND THAT THIS PLAT ACCURATELY REPRESENTS THIS SURVEY TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

MARSHALL W. LINDEEN P.S. #17078

DATE

PIPE DATA

OWNERSHIP

REVISION

INFO  
R/W #: 117847  
NWC #: 2535  
METER #:  
SURVEYED: 4/22/11

DRAFTING  
DRAWN BY HG 05/23/11  
CHECKED BY PB 05/23/11  
APPROVED BY  
ENGINEER BY DATE

STATE: NEW MEXICO  
COUNTY: SAN JUAN

WILLIAMS FOUR CORNERS, LLC  
ONE OF THE WILLIAMS COMPANIES

TORRE ALTA GATHERING SYSTEM  
BROG - NAVAJO INDIAN B #5P  
(REF DWG. Q799.0-1)  
SEC. 19 & 30, T-27-N, R-8-W, NMPM  
0+00 = POT ON TRUNK Q

SCALE: 1" = 1000'  
W.D. NO. 1093456

DWG NO. Q799.0-22-1

SHEET 1 OF 1  
REV 3



## PROJECT PROPOSAL - New Drill / Sidetrack

NAVAJO INDIAN B 5P

DEVELOPMENT

Lease: AFE #: WAN.CDR.8450  
 Field Name: SAN JUAN Rig: Aztec Rig 711 State: NM County: SAN JUAN API #: 1233,820.77  
 Geologist: Phone: Geophysicist: Farmington Field Office  
 Geoscientist: Head, Chip F (Charles) Phone: +1-505-326-9772 Prod. Engineer: Bureau of Land Management  
 Res. Engineer: Prabowo, Wahyu Phone: +1-505-326-9797 Proj. Field Lead: Phone:

### Primary Objective (Zones):

Zone	Zone Name
R20076	DAKOTA(R20076)
R20002	MESAVERDE(R20002)

**Location: Surface** Datum Code: NAD 27 Directional  
 Latitude: 36.547410 Longitude: -107.724490 X: Y: Section: 30 Range: 008W  
 Footage X: 1966 FWL Footage Y: 2069 FNL Elevation: 6036 (FT) Township: 027N

**Location: Bottom Hole** Datum Code: NAD 27 Directional  
 Latitude: 36.547991 Longitude: -107.724597 X: Y: Section: 30 Range: 008W  
 Footage X: 1754 FWL Footage Y: 1866 FNL Elevation: (FT) Township: 027N

Tolerance:

Location Type: Year Round Start Date (Est.): 1/1/2013 Completion Date: Date In Operation:

Formation Data: Assume KB = 6051 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5851		<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	1165	4886		<input type="checkbox"/>			
KIRTLAND	1283	4768		<input type="checkbox"/>			
FRUITLAND	1627	4424		<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	2004	4047		<input type="checkbox"/>			
LEWIS	2108	3943		<input type="checkbox"/>			
HUERFANITO BENTONITE	2478	3573		<input type="checkbox"/>			
CHACRA	2904	3147		<input type="checkbox"/>			
MASSIVE CLIFF HOUSE	3620	2431		<input type="checkbox"/>	740		Gas; Cliffhouse is wet
MENEFEE	3644	2407		<input type="checkbox"/>			Est. Top Perf - 3844 ( 2207 )
Intermediate Casing	3794	2257		<input type="checkbox"/>		114	8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 855 cuft. Circulate cement to surface.
POINT LOOKOUT	4278	1773		<input type="checkbox"/>			
MANCOS	4621	1430		<input type="checkbox"/>			
UPPER GALLUP	5462	589		<input type="checkbox"/>			
GREENHORN	6280	-229		<input type="checkbox"/>			
GRANEROS	6333	-282		<input type="checkbox"/>			
TWO WELLS	6376	-325		<input type="checkbox"/>	2290		Gas
PAGUATE	6442	-391		<input type="checkbox"/>			
LOWER CUBERO	6495	-444		<input type="checkbox"/>			
UPPER CUBERO	6495	-444		<input type="checkbox"/>			
ENCINAL	6563	-512		<input type="checkbox"/>			TD - 30' below T/ENCN; Est. Btm Perf 6678' (8/23/2012)

# **ConocoPhillips SJB**

**San Juan Basin - New Mexico West Wells**

**Other Named Wells**

**Navajo Indian B 5P**

**Wellbore #1**

**Plan: Design #1**

## **Standard Planning Report**

**28 November, 2012**

# ConocoPhillips

## Planning Report

**Database:** EDM Central Planning  
**Company:** ConocoPhillips SJBU  
**Project:** San Juan Basin - New Mexico West Wells  
**Site:** Other Named Wells  
**Well:** Navajo Indian B 5P  
**Wellbore:** Wellbore #1  
**Design:** Design #1

**Local Co-ordinate Reference:** Well Navajo Indian B 5P  
**TVD Reference:** RKB @ 6051.0usft (Original Well Elev)  
**MD Reference:** RKB @ 6051.0usft (Original Well Elev)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature

<b>Project</b>	San Juan Basin - New Mexico West Wells, New Mexico, Directional "S"		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Ground Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	New Mexico West 3003		Using geodetic scale factor

Site		Other Named Wells			
Site Position:		Northing:	2,108,178.26 usft	Latitude:	36° 47' 33.793 N
From:	Lat/Long	Easting:	643,887.63 usft	Longitude:	107° 20' 30.932 W
Position Uncertainty:	15.0 usft	Slot Radius:	6-1/8"	Grid Convergence:	0.29 °

Well	Navajo Indian B 5P					
Well Position	+N/-S	0.0 usft	Northing:	2,018,521.06 usft	Latitude:	36° 32' 50.644 N
	+E/-W	0.0 usft	Easting:	532,151.30 usft	Longitude:	107° 43' 25.958 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	6,036.0 usft

<b>Wellbore</b>	Wellbore #1					
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>	
	BGGM2012	11/28/2012	9.68	63.25	50,440	

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	315.37

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
320.0	0.00	0.00	320.0	0.0	0.0	0.00	0.00	0.00	0.00	
955.5	19.07	315.37	943.9	74.6	-73.6	3.00	3.00	0.00	315.37	
1,076.5	19.07	315.37	1,058.2	102.7	-101.4	0.00	0.00	0.00	0.00	
2,029.8	0.00	0.00	1,994.0	214.5	-211.8	2.00	-2.00	0.00	180.00	
3,829.8	0.00	0.00	3,794.0	214.5	-211.8	0.00	0.00	0.00	0.00	NI B 5P ICP
6,728.8	0.00	0.00	6,693.0	214.5	-211.8	0.00	0.00	0.00	0.00	NI B 5P PCP



# ConocoPhillips

## Planning Report

Database: EDM Central Planning  
 Company: ConocoPhillips SJBU  
 Project: San Juan Basin - New Mexico West Wells  
 Site: Other Named Wells  
 Well: Navajo Indian B 5P  
 Wellbore: Wellbore #1  
 Design: Design #1

Local Co-ordinate Reference: Well Navajo Indian B 5P  
 TVD Reference: RKB @ 6051.0usft (Original Well Elev)  
 MD Reference: RKB @ 6051.0usft (Original Well Elev)  
 North Reference: Grid  
 Survey Calculation Method: Minimum Curvature

### Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
320.0	0.00	0.00	320.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	2.40	315.37	400.0	1.2	-1.2	1.7	3.00	3.00	0.00
500.0	5.40	315.37	499.7	6.0	-6.0	8.5	3.00	3.00	0.00
600.0	8.40	315.37	599.0	14.6	-14.4	20.5	3.00	3.00	0.00
700.0	11.40	315.37	697.5	26.8	-26.5	37.7	3.00	3.00	0.00
800.0	14.40	315.37	795.0	42.7	-42.1	60.0	3.00	3.00	0.00
900.0	17.40	315.37	891.1	62.2	-61.4	87.4	3.00	3.00	0.00
955.5	19.07	315.37	943.9	74.6	-73.6	104.8	3.00	3.00	0.00
1,000.0	19.07	315.37	985.9	84.9	-83.8	119.3	0.00	0.00	0.00
1,076.5	19.07	315.37	1,058.2	102.7	-101.4	144.3	0.00	0.00	0.00
1,100.0	18.60	315.37	1,080.4	108.1	-106.7	151.9	2.00	-2.00	0.00
1,188.8	16.82	315.37	1,165.0	127.3	-125.7	178.9	2.00	-2.00	0.00
<b>Ojo</b>									
1,200.0	16.60	315.37	1,175.8	129.6	-127.9	182.1	2.00	-2.00	0.00
1,300.0	14.60	315.37	1,272.1	148.7	-146.8	209.0	2.00	-2.00	0.00
1,311.3	14.37	315.37	1,283.0	150.7	-148.8	211.8	2.00	-2.00	0.00
<b>Kirtland</b>									
1,400.0	12.60	315.37	1,369.3	165.5	-163.3	232.5	2.00	-2.00	0.00
1,500.0	10.60	315.37	1,467.2	179.8	-177.4	252.6	2.00	-2.00	0.00
1,600.0	8.60	315.37	1,565.8	191.6	-189.1	269.3	2.00	-2.00	0.00
1,661.8	7.36	315.37	1,627.0	197.7	-195.2	277.8	2.00	-2.00	0.00
<b>Fruitland</b>									
1,700.0	6.60	315.37	1,664.9	201.0	-198.4	282.5	2.00	-2.00	0.00
1,800.0	4.60	315.37	1,764.4	208.0	-205.3	292.2	2.00	-2.00	0.00
1,900.0	2.60	315.37	1,864.2	212.4	-209.7	298.5	2.00	-2.00	0.00
2,000.0	0.60	315.37	1,964.2	214.4	-211.6	301.3	2.00	-2.00	0.00
2,029.8	0.00	0.00	1,994.0	214.5	-211.8	301.4	2.00	-2.00	0.00
2,039.8	0.00	0.00	2,004.0	214.5	-211.8	301.4	0.00	0.00	0.00
<b>Pictured Cliffs</b>									
2,100.0	0.00	0.00	2,064.2	214.5	-211.8	301.4	0.00	0.00	0.00
2,143.8	0.00	0.00	2,108.0	214.5	-211.8	301.4	0.00	0.00	0.00
<b>Lewis</b>									
2,200.0	0.00	0.00	2,164.2	214.5	-211.8	301.4	0.00	0.00	0.00
2,300.0	0.00	0.00	2,264.2	214.5	-211.8	301.4	0.00	0.00	0.00
2,400.0	0.00	0.00	2,364.2	214.5	-211.8	301.4	0.00	0.00	0.00
2,500.0	0.00	0.00	2,464.2	214.5	-211.8	301.4	0.00	0.00	0.00
2,513.8	0.00	0.00	2,478.0	214.5	-211.8	301.4	0.00	0.00	0.00
<b>Huerfano Bentonite</b>									
2,600.0	0.00	0.00	2,564.2	214.5	-211.8	301.4	0.00	0.00	0.00
2,700.0	0.00	0.00	2,664.2	214.5	-211.8	301.4	0.00	0.00	0.00
2,800.0	0.00	0.00	2,764.2	214.5	-211.8	301.4	0.00	0.00	0.00
2,900.0	0.00	0.00	2,864.2	214.5	-211.8	301.4	0.00	0.00	0.00
2,939.8	0.00	0.00	2,904.0	214.5	-211.8	301.4	0.00	0.00	0.00
<b>Chacra</b>									
3,000.0	0.00	0.00	2,964.2	214.5	-211.8	301.4	0.00	0.00	0.00
3,100.0	0.00	0.00	3,064.2	214.5	-211.8	301.4	0.00	0.00	0.00
3,200.0	0.00	0.00	3,164.2	214.5	-211.8	301.4	0.00	0.00	0.00
3,300.0	0.00	0.00	3,264.2	214.5	-211.8	301.4	0.00	0.00	0.00
3,400.0	0.00	0.00	3,364.2	214.5	-211.8	301.4	0.00	0.00	0.00

# ConocoPhillips

## Planning Report

**Database:** EDM Central Planning  
**Company:** ConocoPhillips SJBU  
**Project:** San Juan Basin - New Mexico West Wells  
**Site:** Other Named Wells  
**Well:** Navajo Indian B 5P  
**Wellbore:** Wellbore #1  
**Design:** Design #1

**Local Co-ordinate Reference:** Well Navajo Indian B 5P  
**TVD Reference:** RKB @ 6051.0usft (Original Well Elev)  
**MD Reference:** RKB @ 6051.0usft (Original Well Elev)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature

### Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,500.0	0.00	0.00	3,464.2	214.5	-211.8	301.4	0.00	0.00	0.00
3,600.0	0.00	0.00	3,564.2	214.5	-211.8	301.4	0.00	0.00	0.00
3,655.8	0.00	0.00	3,620.0	214.5	-211.8	301.4	0.00	0.00	0.00
<b>Mass. Cliffhouse</b>									
3,679.8	0.00	0.00	3,644.0	214.5	-211.8	301.4	0.00	0.00	0.00
<b>Menefee</b>									
3,700.0	0.00	0.00	3,664.2	214.5	-211.8	301.4	0.00	0.00	0.00
3,800.0	0.00	0.00	3,764.2	214.5	-211.8	301.4	0.00	0.00	0.00
3,829.8	0.00	0.00	3,794.0	214.5	-211.8	301.4	0.00	0.00	0.00
3,900.0	0.00	0.00	3,864.2	214.5	-211.8	301.4	0.00	0.00	0.00
4,000.0	0.00	0.00	3,964.2	214.5	-211.8	301.4	0.00	0.00	0.00
4,100.0	0.00	0.00	4,064.2	214.5	-211.8	301.4	0.00	0.00	0.00
4,200.0	0.00	0.00	4,164.2	214.5	-211.8	301.4	0.00	0.00	0.00
4,300.0	0.00	0.00	4,264.2	214.5	-211.8	301.4	0.00	0.00	0.00
4,313.8	0.00	0.00	4,278.0	214.5	-211.8	301.4	0.00	0.00	0.00
<b>Point Lookout</b>									
4,400.0	0.00	0.00	4,364.2	214.5	-211.8	301.4	0.00	0.00	0.00
4,500.0	0.00	0.00	4,464.2	214.5	-211.8	301.4	0.00	0.00	0.00
4,600.0	0.00	0.00	4,564.2	214.5	-211.8	301.4	0.00	0.00	0.00
4,656.8	0.00	0.00	4,621.0	214.5	-211.8	301.4	0.00	0.00	0.00
<b>Mancos</b>									
4,700.0	0.00	0.00	4,664.2	214.5	-211.8	301.4	0.00	0.00	0.00
4,800.0	0.00	0.00	4,764.2	214.5	-211.8	301.4	0.00	0.00	0.00
4,900.0	0.00	0.00	4,864.2	214.5	-211.8	301.4	0.00	0.00	0.00
5,000.0	0.00	0.00	4,964.2	214.5	-211.8	301.4	0.00	0.00	0.00
5,100.0	0.00	0.00	5,064.2	214.5	-211.8	301.4	0.00	0.00	0.00
5,200.0	0.00	0.00	5,164.2	214.5	-211.8	301.4	0.00	0.00	0.00
5,300.0	0.00	0.00	5,264.2	214.5	-211.8	301.4	0.00	0.00	0.00
5,400.0	0.00	0.00	5,364.2	214.5	-211.8	301.4	0.00	0.00	0.00
5,497.8	0.00	0.00	5,462.0	214.5	-211.8	301.4	0.00	0.00	0.00
<b>Upper Gallup</b>									
5,500.0	0.00	0.00	5,464.2	214.5	-211.8	301.4	0.00	0.00	0.00
5,600.0	0.00	0.00	5,564.2	214.5	-211.8	301.4	0.00	0.00	0.00
5,700.0	0.00	0.00	5,664.2	214.5	-211.8	301.4	0.00	0.00	0.00
5,800.0	0.00	0.00	5,764.2	214.5	-211.8	301.4	0.00	0.00	0.00
5,900.0	0.00	0.00	5,864.2	214.5	-211.8	301.4	0.00	0.00	0.00
6,000.0	0.00	0.00	5,964.2	214.5	-211.8	301.4	0.00	0.00	0.00
6,100.0	0.00	0.00	6,064.2	214.5	-211.8	301.4	0.00	0.00	0.00
6,200.0	0.00	0.00	6,164.2	214.5	-211.8	301.4	0.00	0.00	0.00
6,300.0	0.00	0.00	6,264.2	214.5	-211.8	301.4	0.00	0.00	0.00
6,315.8	0.00	0.00	6,280.0	214.5	-211.8	301.4	0.00	0.00	0.00
<b>Greenhorn</b>									
6,368.8	0.00	0.00	6,333.0	214.5	-211.8	301.4	0.00	0.00	0.00
<b>Graneros</b>									
6,400.0	0.00	0.00	6,364.2	214.5	-211.8	301.4	0.00	0.00	0.00
6,411.8	0.00	0.00	6,376.0	214.5	-211.8	301.4	0.00	0.00	0.00
<b>Two Wells</b>									
6,477.8	0.00	0.00	6,442.0	214.5	-211.8	301.4	0.00	0.00	0.00
<b>Paguate</b>									
6,500.0	0.00	0.00	6,464.2	214.5	-211.8	301.4	0.00	0.00	0.00
6,530.8	0.00	0.00	6,495.0	214.5	-211.8	301.4	0.00	0.00	0.00
<b>Lower Cubero - Upper Cubero</b>									

# ConocoPhillips

## Planning Report

**Database:** EDM Central Planning  
**Company:** ConocoPhillips SJB  
**Project:** San Juan Basin - New Mexico West Wells  
**Site:** Other Named Wells  
**Well:** Navajo Indian B 5P  
**Wellbore:** Wellbore #1  
**Design:** Design #1

**Local Co-ordinate Reference:** Well Navajo Indian B 5P  
**TVD Reference:** RKB @ 6051.0usft (Original Well Elev)  
**MD Reference:** RKB @ 6051.0usft (Original Well Elev)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature

### Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
6,598.8	0.00	0.00	6,563.0	214.5	-211.8	301.4	0.00	0.00	0.00
Encinal									
6,600.0	0.00	0.00	6,564.2	214.5	-211.8	301.4	0.00	0.00	0.00
6,700.0	0.00	0.00	6,664.2	214.5	-211.8	301.4	0.00	0.00	0.00
6,728.8	0.00	0.00	6,693.0	214.5	-211.8	301.4	0.00	0.00	0.00

### Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
NI B 5P ICP - plan hits target center - Point	0.00	0.00	3,794.0	214.5	-211.8	2,018,735.58	531,939.56	36° 32' 52.768 N	107° 43' 28.550 W
NI B 5P PCP - plan hits target center - Point	0.00	0.00	6,693.0	214.5	-211.8	2,018,735.58	531,939.56	36° 32' 52.768 N	107° 43' 28.550 W

### Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,679.8	3,644.0	Menefee		0.00	
2,939.8	2,904.0	Chacra		0.00	
2,143.8	2,108.0	Lewis		0.00	
6,368.8	6,333.0	Graneros		0.00	
5,497.8	5,462.0	Upper Gallup		0.00	
3,655.8	3,620.0	Mass. Cliffhouse		0.00	
6,315.8	6,280.0	Greenhorn		0.00	
4,313.8	4,278.0	Point Lookout		0.00	
2,513.8	2,478.0	Huerfanito Bentonite		0.00	
6,411.8	6,376.0	Two Wells		0.00	
6,530.8	6,495.0	Upper Cubero		0.00	
4,656.8	4,621.0	Mancos		0.00	
2,039.8	2,004.0	Pictured Cliffs		0.00	
6,530.8	6,495.0	Lower Cubero		0.00	
6,477.8	6,442.0	Paguate		0.00	
1,311.3	1,283.0	Kirtland		0.00	
6,598.8	6,563.0	Encinal		0.00	
1,661.8	1,627.0	Fruitland		0.00	
1,188.8	1,165.0	Ojo		0.00	



# REFERENCE INFORMATION

KB @ 6051.0usft (Original Well Elev)  
Ground Elevation 6036.0  
Reference Lat: 36° 32' 50.644 N  
Reference Long: 107° 43' 25.958 W

Project: San Juan Basin - New Mexico West V  
Site: Other Named Wells  
Well: Navajo Indian B 5P  
Wellbore: Wellbore #1  
Design: Design #1

ConocoPhillips

## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	320.0	0.00	0.00	320.0	0.0	0.0	0.00	0.00	0.0	
3	955.5	19.07	315.37	943.9	74.6	-73.6	3.00	315.37	104.8	
4	1076.5	19.07	315.37	1058.2	102.7	-101.4	0.00	0.00	144.3	
5	2029.8	0.00	0.00	1994.0	214.5	-211.8	2.00	180.00	301.4	
6	3829.8	0.00	0.00	3794.0	214.5	-211.8	0.00	0.00	301.4	NI B 5P ICP
7	6728.8	0.00	0.00	6693.0	214.5	-211.8	0.00	0.00	301.4	PCP

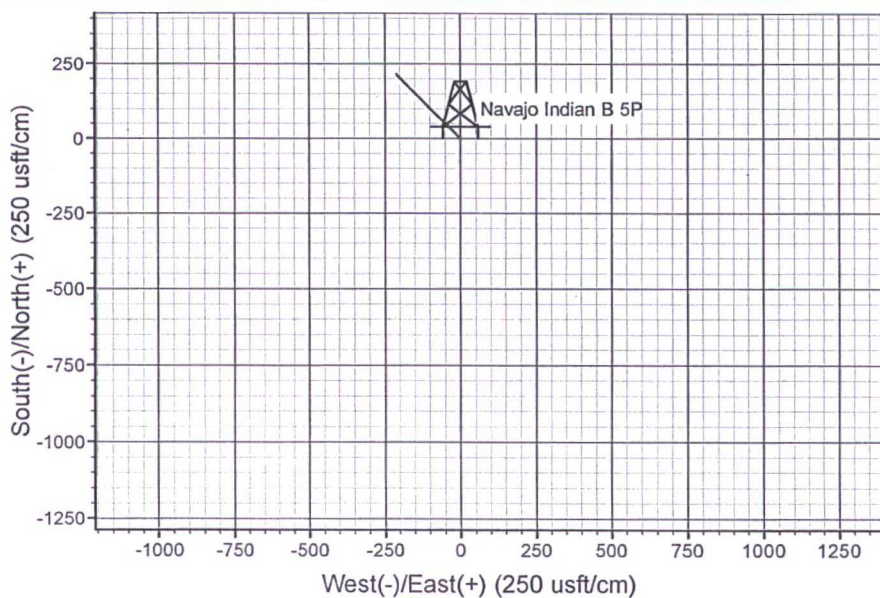
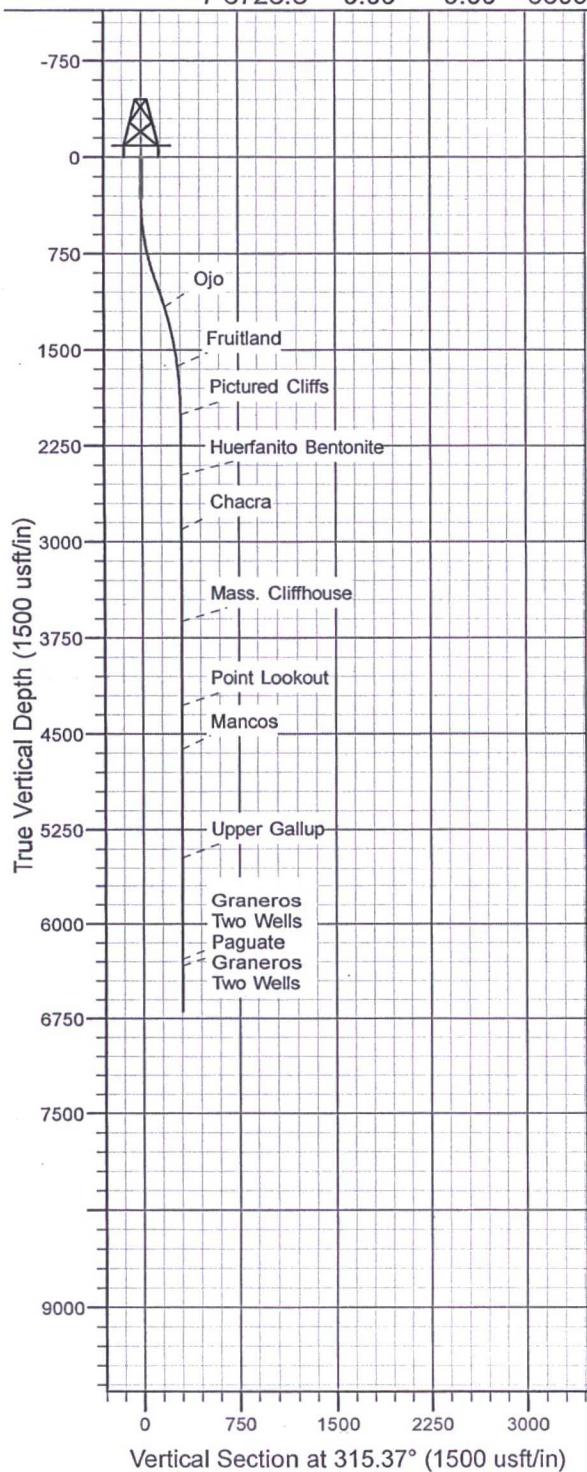
## FORMATION TOP DETAILS

TVDPath	MDPath
1165.0	1188.8
1283.0	1311.3
1627.0	1661.8
2004.0	2039.8
2108.0	2143.8
2478.0	2513.8
2904.0	2939.8
3620.0	3655.8
3644.0	3679.8
4278.0	4313.8
4621.0	4656.8
5462.0	5497.8
6280.0	6315.8
6333.0	6368.8

Formation  
Ojo  
Kirtland  
Fruitland  
Pictured Cliffs  
Lewis  
Huerfano Bentonite  
Chacra  
Mass. Cliffhouse  
Menefee  
Point Lookout  
Mancos  
Upper Gallup  
Greenhorn  
Graneros

Two Wells	Pagate
6376.0	6411.8
6442.0	6477.8
6495.0	6530.8
6495.0	6530.8
6563.0	6598.8

Two Wells  
Paguate  
Lower Cubero  
Upper Cubero  
Encinal





**BURLINGTON**  
**RESOURCES**

**RECEIVED**

**JAN 15 2013**

Bureau of Land Management  
Farmington Field Office

**Multi-Point Surface Use Plan for Navajo Indian B 5P**

The following is required information concerning the possible effect, which the drilling of this well may have on the environment, existing road sites, and surrounding acreage. A copy will be posted on the derrick floor so all contractors and sub-contractors will be aware of all items on this plan.

1. Existing Roads

Existing roads used to access the location shall be improved or maintained in a condition the same as or better than before operations began. Any updates discussed at the onsite will be listed in Section 12 "Other Information".

2. New or Reconstructed Access Roads

- A. 537' new access road will have to be constructed to reach the proposed well pad.
- B. Turnouts are shown on the Plat 1 Map.
- C. If gates, Cattleguards or fences are planned for this location, they will be specified in item 12 below as "Other Information".
- D. See the attached Plat 1 Map (cut & fill diagram) for reference of road direction and length and the topo map attached indicates the existing & new access to the proposed location. The topo map also indicates the culvert placement as agreed upon during the BLM onsite and these culverts and turnouts have lath in place to indicate their placement in the field.

3. Location of Existing Wells

- A. The proposed Blanco MV/Basin DK well location site is Unit F (SENW), 2069' FNL & 1966' FWL, Sec. 30, T27N, R8W, San Juan County, New Mexico.  
See attached Map 1A for details.

4. Location of Existing and/or Proposed Production Facilities

- A. See the proposed site facility diagram attached for Burlington standard layout. On the sample given there are two options for the placement of the tanks. These options are needed to accommodate the lay of the land. If overhead powerlines or existing flowlines are present they will be noted on the surveyors Plat 1 Map (cut & fill diagram).
- B. Location of Proposed New Pipeline Facilities. - Williams Four Corners will be the gas transporter for this well. A 4-1/2" OD buried steel pipeline that is approx. 2960' in length of all is on Navajo Allotted Surface. The transporter will be securing ROW with Surface Owner. Please refer to the attached preliminary pipeline route map for additional information.
- C. Any production equipment encompassed by a dirt berm or one in which fluids are present shall be adequately fenced and properly maintained in order to safeguard both livestock and wildlife.

5. Location and Types of Water Supply

The supply water will be trucked to the location from the Kah-Des-Pah Water Hole located in SW/4 Section 18, T-26-N, R-8-W, New Mexico. The route the water trucks will using will be the same route used to access the location (indicated in 2 D above).

6. Construction Materials

Most of the construction materials will be obtained from the location site. The fill dirt that will be used during construction for the berms around production tanks and for the padding for pipe as well as the gravel to use on the berms and around production facilities will come from one of the four listed companies below. The construction material that will be brought in could be  $\frac{3}{4}$ " rock or  $\frac{3}{4}$ " road base and good fill dirt.

Sky Ute Sand and Gravel  
Four Corners Materials  
Foutz & Bursum gravel pit  
Paul & Sons  
or Gosney and Son Construction

7. Methods for Handling Waste

- A. The drill cuttings, drill water and completion fluids will be placed in a lined reserve pit, if required. The reserve pit will be fenced on three sides away from the pad during drilling and the fourth side fenced as soon as the rig moves out. The reserve pit will be allowed to dry or the free fluids will be removed or the free fluids may be trucked and reused in drilling operations or trucked to an approved disposal facility as indicated in Burlington Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCD office in Aztec, NM.
- B. All garbage and trash will be hauled away by Burlington to an approved landfill.
- C. Chemical toilets will be provided and maintained during drilling operations and construction activity.
- D. Any brush, small trees and limbs will be used as erosion control throughout the project area as discussed during the BLM on-site.

8. Ancillary Facilities

Plans are to use the proposed well pad for staging the drilling and construction equipment to facilitate the drilling of the well. If we find that we need more space for staging we will use the temporary use area indicated on the topo map. Any temporary use area will be returned to the same or better condition than before operations began. This location may be used for staging purposes for any other operation as needed.

9. Well Site Layout

- A. Drilling Operations - The Plat 1 Map shows the location and orientation of the proposed drill pad; includes reserve pit / blooie line/ flare pit location, access road entry points and any obvious topographic features. The orientation of the drilling rig is indicated by the wellhead and will be between the anchors as indicated on the diagram.
- B. The well layout for the production phase of the well is indicated on the Site Facility Diagram attached. Proposal 1 works for approximately 80% of our locations, but proposal 2 may be used on a coal wells for safety reasons. Production equipment will be painted Juniper Green or Tan.

10. Plans for Surface Restoration

The area of construction will be cleared and grubbed using adequate equipment and processes. Stockpile areas will be cleared, grubbed, and leveled before placement of stockpile. Topsoil will be identified, stockpiled, and protected from erosion effects in the best manner possible. Mixing of the subsoil and topsoil will be kept to a minimum through the proper selection of equipment, short pushing, or handling through pick and carry



method. Topsoil will be stockpiled in the construction zone for later use in reclamation with quantities large enough to complete interim and final reclamation. Removal and stockpiling of topsoil will only be accomplished in conditions and weather that promote maintaining the integrity of the topsoil. Proper drainage control will be accomplished on all stockpiles and stockpiles delineated.

In all instances Burlington will try to minimize any areas of disturbance. Minimization of disturbance will be accomplished through sound construction planning and staking of proposed location. A variety of factors will always be considered while planning the construction layout of a location in order to minimize disturbances. Adequate storm water diversions will be construction to protect location after construction and minimize disturbance to natural drainage structures in place.

Pit Closures will require that pits are restored to a safe and stable condition. All liquids from pits will be removed and disposed of properly until only drilling mud and cuttings remain (see item number 7 above for more details). Solidification of the material in the pit will be accomplished using natural drying methods and mechanical stirring. All trash and debris will be removed before backfilling begins. Frozen material i.e., chunks of frozen materials will not used for backfill. All pit liners will be cut at the mud level and removed prior to backfilling. Backfilling materials generated from site will be deposited in lifts to accomplish the complete backfilling, contouring, and drainage control for both the Flare pit and the Reserve Pit. Backfill shall placed to match fit, form and line of existing terrain i.e., natural appearance.

Standard redistribution of topsoil will be accomplished using standard industry methods. The topsoil will be placed on reclamation areas with adequate depth and uniformity. Care will be taken not to compact the topsoil unnecessarily. All surfaces (not including all weather surfaces needed for production and safety) will have topsoil redistributed within a few feet of production facilities. Care will be taken not to contaminate or mix topsoil with subsoil or other foreign matter during the redistribution. Subsoil or subsurface will be prepared to accept topsoil i.e., ruts, holes, will be bladed out to smooth shape before topsoil is redistributed.

Standard location seeding will be accomplished following best industry practices. The site will be evaluated for plant community. In place topsoil will be tilled, ripped, or disked dependent upon need. Recommendations for the seasons to plant, the seed mix to be used, and the re-vegetation method will be followed. Seeding will be accomplished by drilling except in those areas where methods such as dozer track-walking followed by broadcast seeding are more practical. Seeding will be performed in conditions and seasons that are conducive to successful re-vegetation.

Topography will to the best means possible, match or blend with the topography surrounding the area, the blend as much as possible will present a seamless appearance to the surrounding environment. Fill sections will be uniform and smooth without foreign material protrusions. Re-shaping will also be functional in drainage control. Natural drainages will be unimpeded with contours to match. Water bars will be placed in areas where needed to prevent erosion on a large scale (water bars to be removed upon re-vegetation). Ditches shall direct water off working surface of location and off access roads.

11. Surface Ownership

The surface ownership of the well location and pipeline is all on Navajo Allotted surface. The Navajo Tribe has mineral jurisdiction on this project.

12. Other Information

1. The onsite for the proposed project was conducted on 08/11/2010 with Christine Bitsoi from the BLM as lead.
2. No invasive weeds were identified in the proposed project area.
3. Western Cultural Resource Management, Inc. conducted the Archaeological Survey Report #WCRM(F)1185 and there were no recorded archaeological sites encountered during the survey.
4. Notification will be given to the BLM prior to construction of the well pad and access road.
5. The proposed action would impact no floodplains or stock ponds.
6. Onsite Notes:
  - a. Road Width: 30' ROW
  - b. Road Design: Crowned and Ditched
  - c. Existing Road Improvements: Pull ditches where possible
  - d. Drainage and Ditch Design: Above cut
  - e. Re-vegetation of disturbed areas: contour, rip, disk, reseed
  - f. Culverts and/or Bridges: 1-24" CMP as needed along access
  - g. Storage of topsoil: 6"
  - h. Trees/Firewood: Mow all sage incorporate into topsoil
  - j. EA Writer: Nelson
7. Onsite Remarks:
  - a. Avoid cutting any trees where possible
  - b. Leave large trees tracks for wood gathering
  - c. Juniper Green paint

**BURLINGTON**  
**RESOURCES**  
Operator Certification

Operator Information:

Burlington Resources Oil & Gas, LP  
P.O. Box 4289  
Farmington, NM 87499-4289  
505-326-9700

Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provision of 18 U.S.C. 1001 for the filing of false statements.

Executed this 2<sup>nd</sup> day of January, 2013.

Arleen White

Arleen White  
Staff Regulatory Technician  
On behalf of Heather McDaniel and Doug Elston

The person who can be contacted concerning compliance of the APD is:

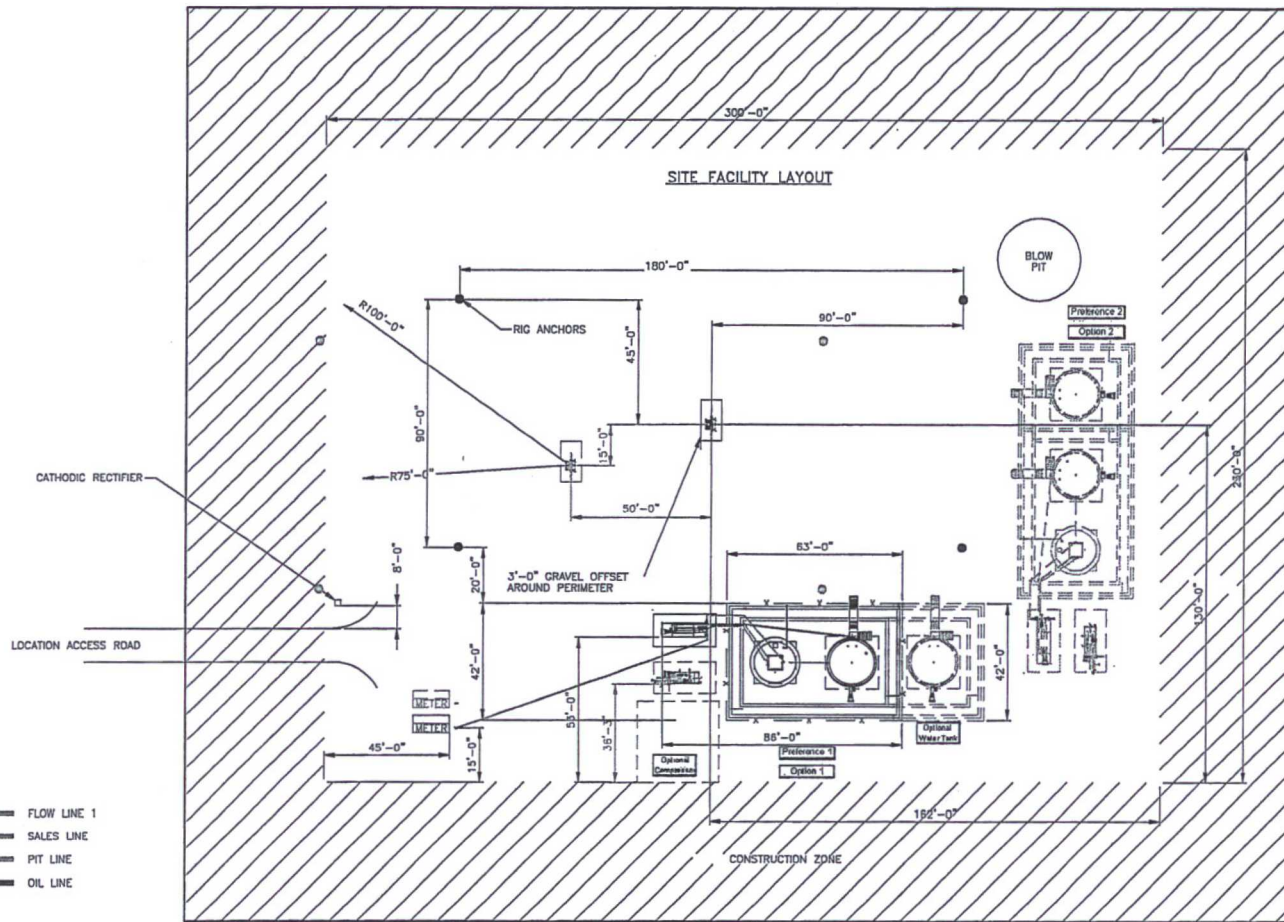
Heather McDaniel,  
Regulatory Supervisor  
ConocoPhillips Company  
P.O. Box 4289  
Farmington, NM 87499-4289  
505-326-9507

The Field Representative who can be contacted concerning compliance of the enclosed Surface Use Plan is:

Doug Elston,  
Supt. Capital Projects  
ConocoPhillips Company  
P.O. Box 4289  
Farmington, NM 87499-4289  
505-599-4004



SHEET 1 2/14/2012 12:26:55 PM, gseeds

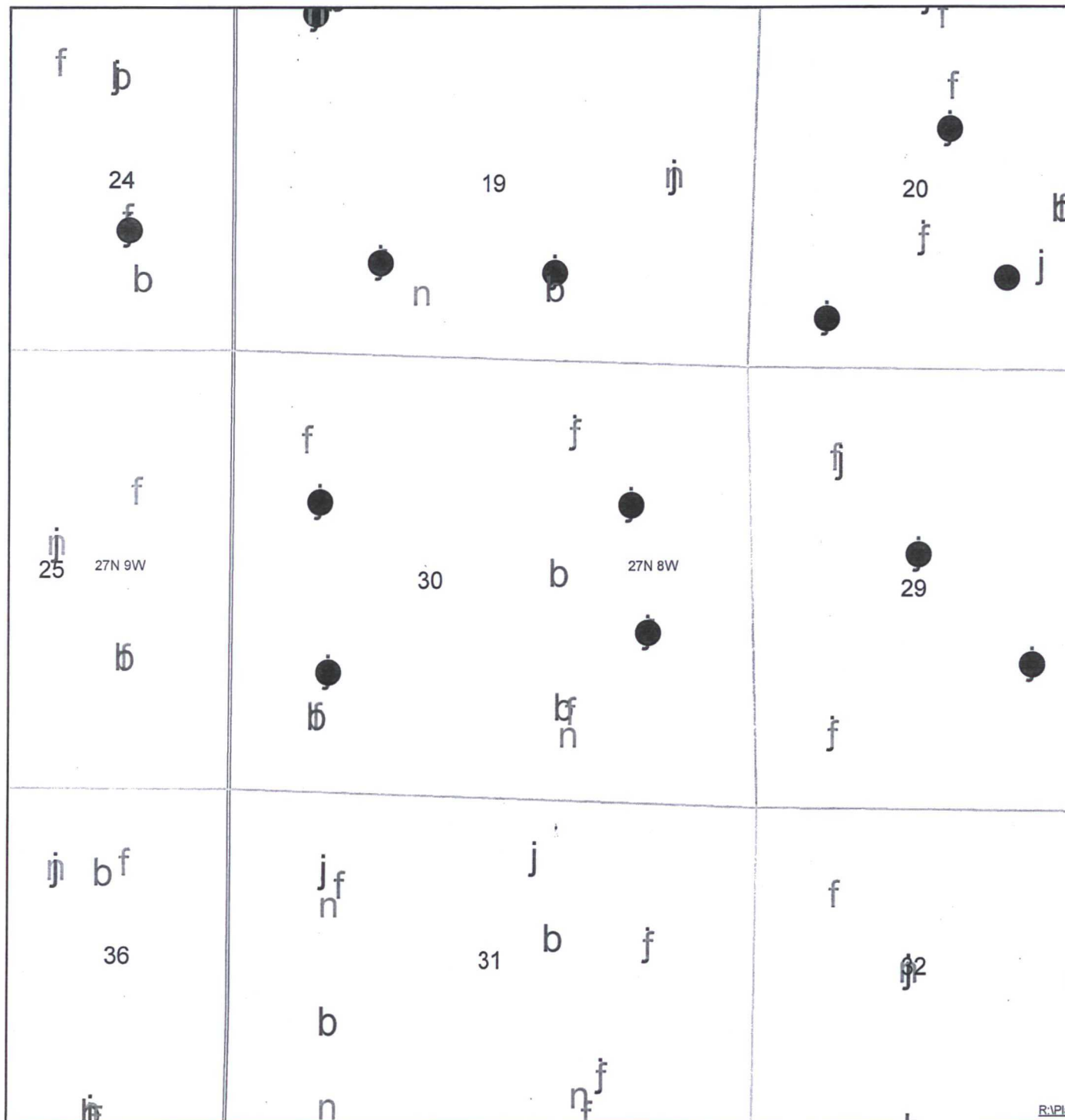


- FLOW LINE 1
- SALES LINE
- PIT LINE
- OIL LINE

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

SHEET 1 OF 5

<div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> <div>9</div> <div>10</div> <div>11</div> <div>12</div> <div>13</div> <div>14</div> <div>15</div> <div>16</div> <div>17</div> <div>18</div> <div>19</div> <div>20</div> <div>21</div> <div>22</div> <div>23</div> <div>24</div> <div>25</div> <div>26</div> <div>27</div> <div>28</div> <div>29</div> <div>30</div> <div>31</div> <div>32</div> <div>33</div> <div>34</div> <div>35</div> <div>36</div> <div>37</div> <div>38</div> <div>39</div> <div>40</div> <div>41</div> <div>42</div> <div>43</div> <div>44</div> <div>45</div> <div>46</div> <div>47</div> <div>48</div> <div>49</div> <div>50</div> <div>51</div> <div>52</div> <div>53</div> <div>54</div> <div>55</div> <div>56</div> <div>57</div> <div>58</div> <div>59</div> <div>60</div> <div>61</div> <div>62</div> <div>63</div> <div>64</div> <div>65</div> <div>66</div> <div>67</div> <div>68</div> <div>69</div> <div>70</div> <div>71</div> <div>72</div> <div>73</div> <div>74</div> <div>75</div> <div>76</div> <div>77</div> <div>78</div> <div>79</div> <div>80</div> <div>81</div> <div>82</div> <div>83</div> <div>84</div> <div>85</div> <div>86</div> <div>87</div> <div>88</div> <div>89</div> <div>90</div> <div>91</div> <div>92</div> <div>93</div> <div>94</div> <div>95</div> <div>96</div> <div>97</div> <div>98</div> <div>99</div> <div>100</div>	ENGINEERING REVIEW						REFERENCE DRAWINGS		<div>ConocoPhillips</div> <div>SAN JUAN BUSINESS UNIT</div>	CONOCOPHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT							
	DISCIPLINE		REVIEWED	DATE		NO.	DESCRIPTION	CLIENT No.		CLIENT APPR.	APPR. DATE						
	PROCESS																
	MECHANICAL																
	PIPING																
	ELECTRICAL																
	I & C																
	CIVIL/STRUCTURAL																
	PROJECT																
	DESCRIPTION	DATE	BY	CHK'D	ENG	DWG	PRJ	SAN JUAN BUSINESS UNIT			CLIENT No.			CLIENT APPR.	APPR. DATE		
										DRAWN BY		SCALE: NONE		CREATION DATE: 6/20/07		SHEET No. 1 OF 5	
												DWG. No.		HP3PHASE-REV1			



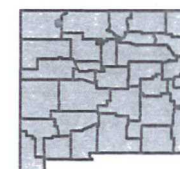
# Legend

- Sections
- Townships
- States
- <all other values>
- FARMINGTON
- FRUITLAND
- FRUITLAND COAL
- FRUIT/PC
- FRUITLAND-PICTURED CLIFFS
- PICTURED CLIFFS
- MESAVERDE
- DAKOTA
- WATER



1:20,409 - 1" = 1,701'

GCS North American 1927



**ConocoPhillips**  
© Unpublished Work, ConocoPhillips

Navajo Indian B 5P

Map 1A

Sec 30 T27N R8W

Author:	Date: 9/30/2007
Compiled by:	Scale: <Scale>

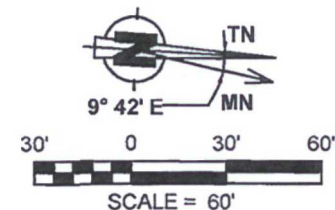
R:\Plat\Map Projects\Map 1A\_Regulatory\Map 1A.mxd

## WELL FLAG

LATITUDE: 36.54741° N  
LONGITUDE: 107.72449° W  
CENTER OF PIT  
LATITUDE: 36.54731° N  
LONGITUDE: 107.72458° W  
ELEVATION: 6027.1'  
DATUM: NAD83 & NAVD88

## BURLINGTON RESOURCES OIL & GAS COMPANY LP

NAVAJO INDIAN B #5P  
2069' FNL & 1966' FWL  
LOCATED IN THE SE/4 NW/4 OF SECTION 30,  
T27N, R8W, N.M.P.M.,  
SAN JUAN COUNTY, NEW MEXICO  
GROUND ELEVATION: 6040', NAVD 88  
FINISHED PAD ELEVATION: 6039.1', NAVD 88



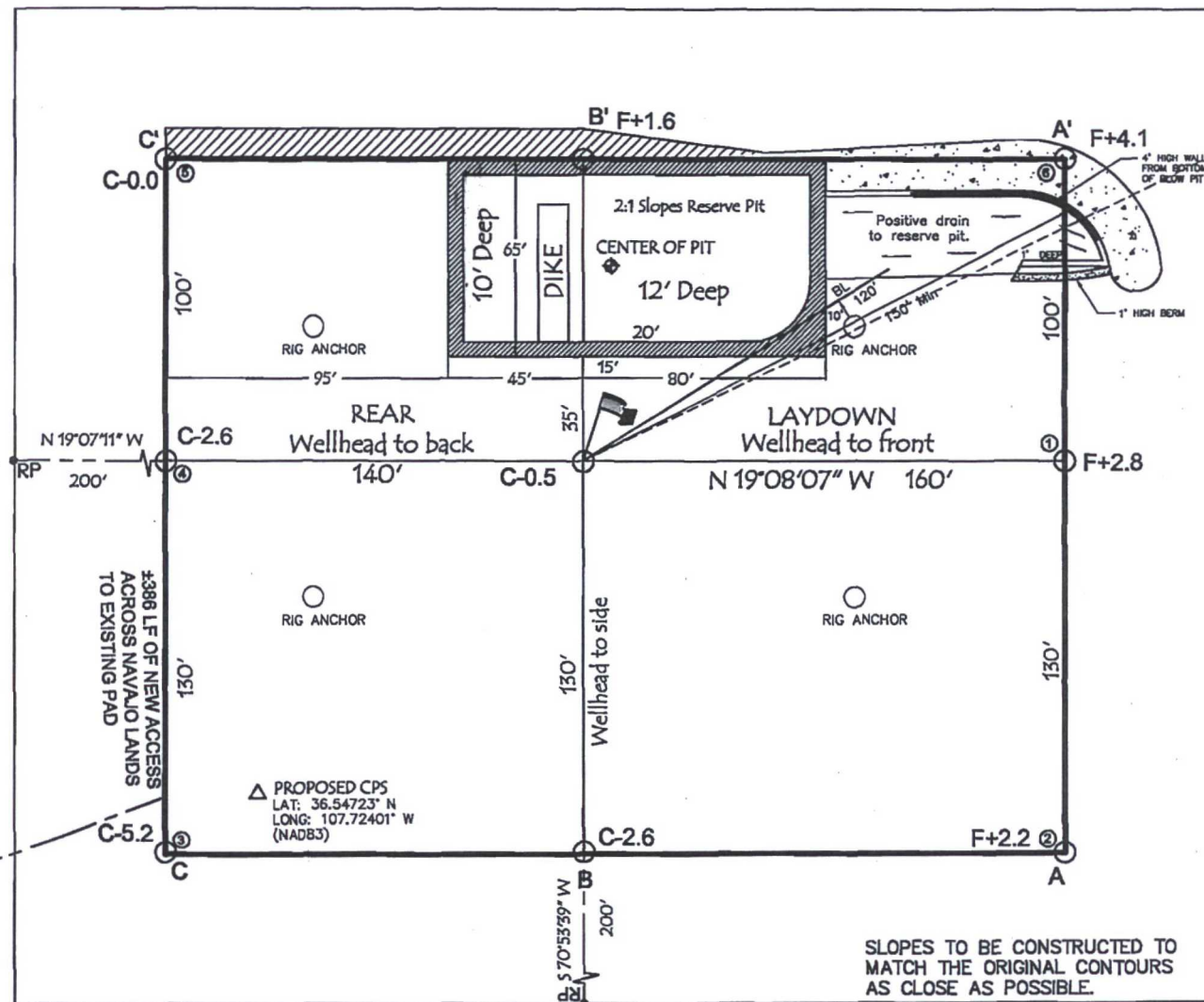
### NOTES:

1.) BASIS OF BEARING: BETWEEN FOUND MONUMENTS AT THE NORTHWEST CORNER AND THE NORTH QUARTER CORNER OF SECTION 30, TOWNSHIP 27 NORTH, RANGE 8 WEST, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO.  
LINE BEARS: N 87°23'30" W A DISTANCE OF 2514.73 FEET AS MEASURED BY G.P.S.

2.) LATITUDE, LONGITUDE AND ELLIPSOIDAL HEIGHT BASED ON AZTEC CORS L1 PHASE CENTER.  
DISTANCES SHOWN ARE GROUND DISTANCES USING A TRAVERSE MERCATOR PROJECTION FROM A WGS84 ELLIPSOID, CONVERTED TO NAD83.

ELEVATIONS AS PREDICTED BY GROUND SURVEY.

3.) LOCATION OF UNDERGROUND UTILITIES DEPICTED ARE APPROXIMATE. PRIOR TO EXCAVATION UNDERGROUND UTILITIES SHOULD BE FIELD VERIFIED. ALL CONSTRUCTION ACTIVITIES SHOULD BE FIELD VERIFIED WITH NEW MEXICO ONE-CALL AUTHORITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.



TOTAL PERMITTED AREA  
330' x 400' = 3.03 ACRES  
SCALE: 1" = 60'  
JOB No.: COPC392  
DATE: 10/18/12  
DRAWN BY: TWT

### 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 M. D 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.



Scorpion Survey &  
Consulting, L.L.C.  
Aztec, Mexico 87410  
(505) 334-4007

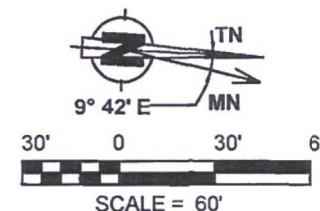


# WELL FLAG

LATITUDE: 36.54741° N  
LONGITUDE: 107.72449° W  
DATUM: NAD83

## BURLINGTON RESOURCES OIL & GAS COMPANY LP

NAVAJO INDIAN B #5P  
2069' FNL & 1966' FWL  
LOCATED IN THE SE/4 NW/4 OF SECTION 30,  
T27N, R8W, N.M.P.M.,  
SAN JUAN COUNTY, NEW MEXICO  
GROUND ELEVATION: 6040', NAVD 88  
FINISHED PAD ELEVATION: 6039.1', NAVD 88

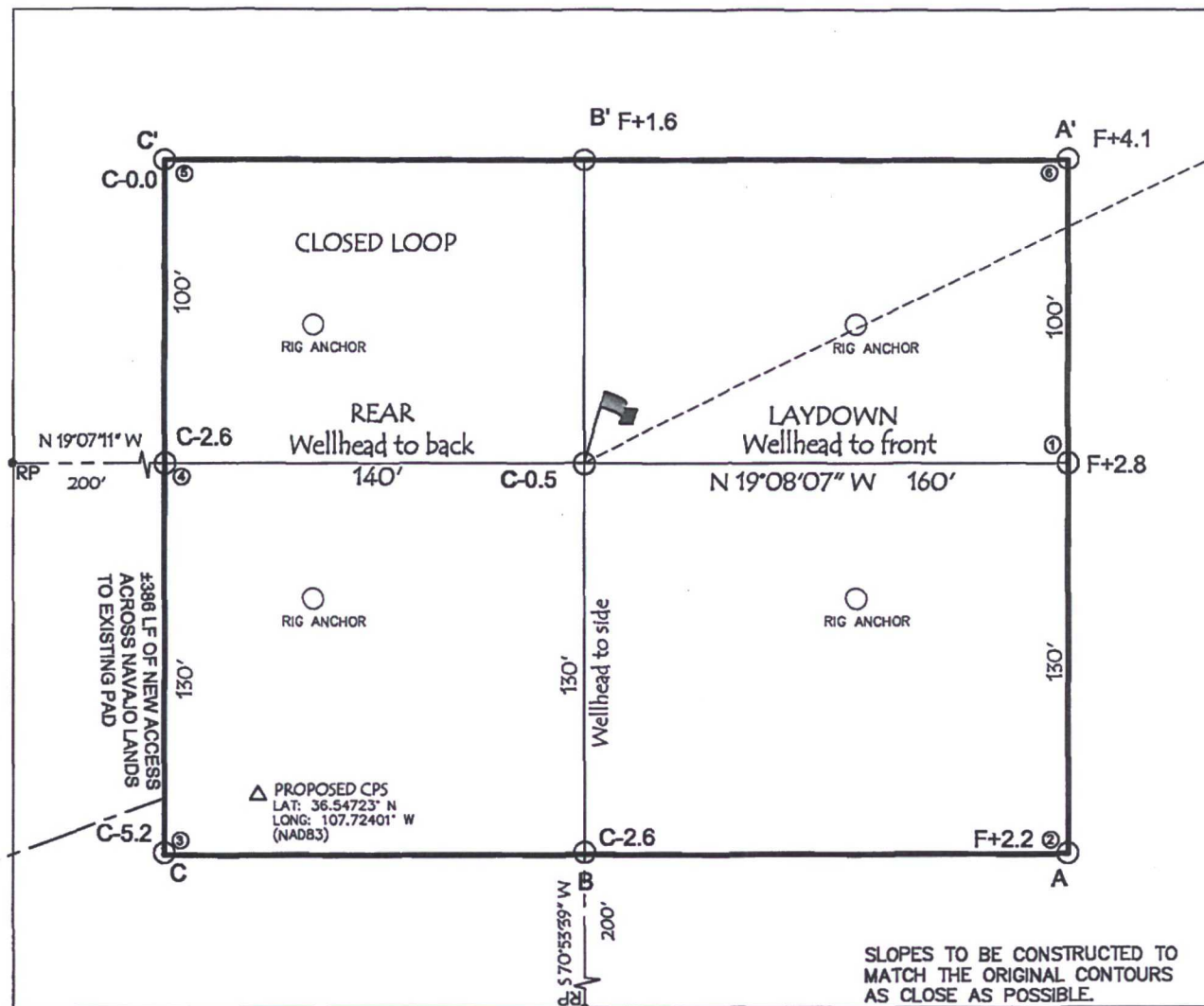


### NOTES:

1.) BASIS OF BEARING: BETWEEN FOUND MONUMENTS AT THE NORTHWEST CORNER AND THE NORTH QUARTER CORNER OF SECTION 30, TOWNSHIP 27 NORTH, RANGE 8 WEST, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO.  
LINE BEARS: N 87°23'30" W A DISTANCE OF 2514.73 FEET AS MEASURED BY G.P.S.

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DISTANCES SHOWN ARE GROUND DISTANCES USING A TRAVERSE MERCATOR PROJECTION FROM A WGS84 ELLIPSOID, CONVERTED TO NAD83.  
NAVD88 ELEVATIONS AS PREDICTED BY GEOID03.

3.) LOCATION OF UNDERGROUND UTILITIES DEPICTED ARE APPROXIMATE. PRIOR TO EXCAVATION UNDERGROUND UTILITIES SHOULD BE FIELD VERIFIED. ALL CONSTRUCTION ACTIVITIES SHOULD BE FIELD VERIFIED WITH NEW MEXICO ONE-CALL AUTHORITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.



TOTAL PERMITTED AREA  
330' x 400' = 3.03 ACRES  
SCALE: 1" = 60'  
JOB No.: COPC392  
DATE: 10/18/12  
DRAWN BY: TWT

### NOTE:

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



Scorpion Survey &  
Consulting, L.L.C.  
Aztec, New Mexico 87410  
(505) 334-4007

BURLINGTON RESOURCES OIL &amp; GAS COMPANY LP

NAVAJO INDIAN B #5P

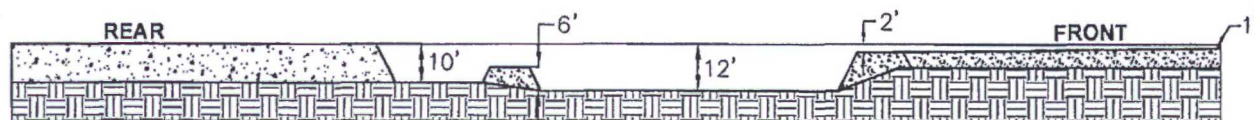
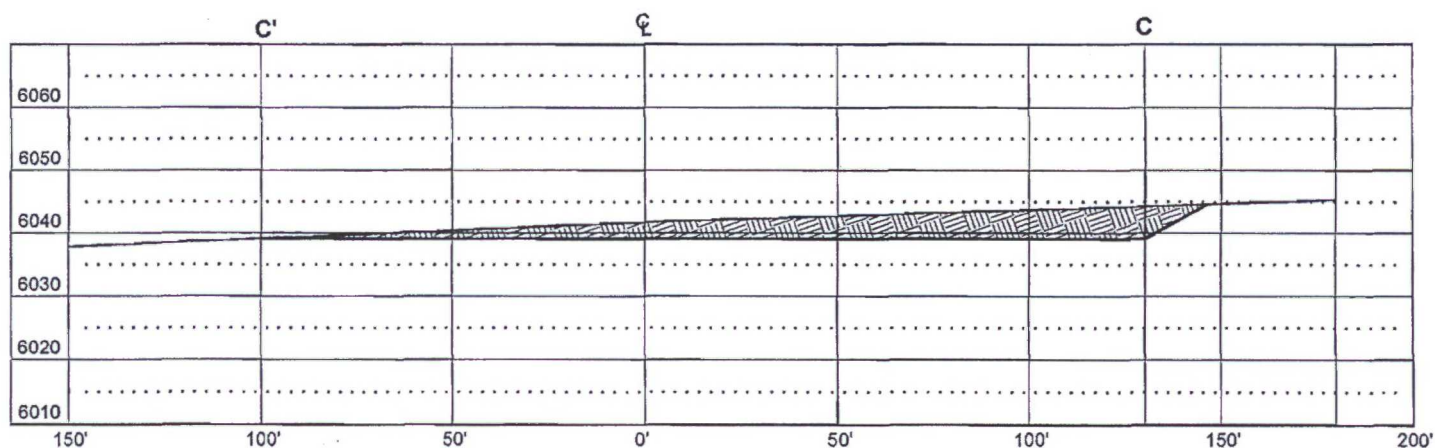
2069' FNL &amp; 1966' FWL

T27N, R8W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

GROUND ELEVATION: 6040', NAVD 88

FINISHED PAD ELEVATION: 6039.1', NAVD 88



PIT CROSS SECTION

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

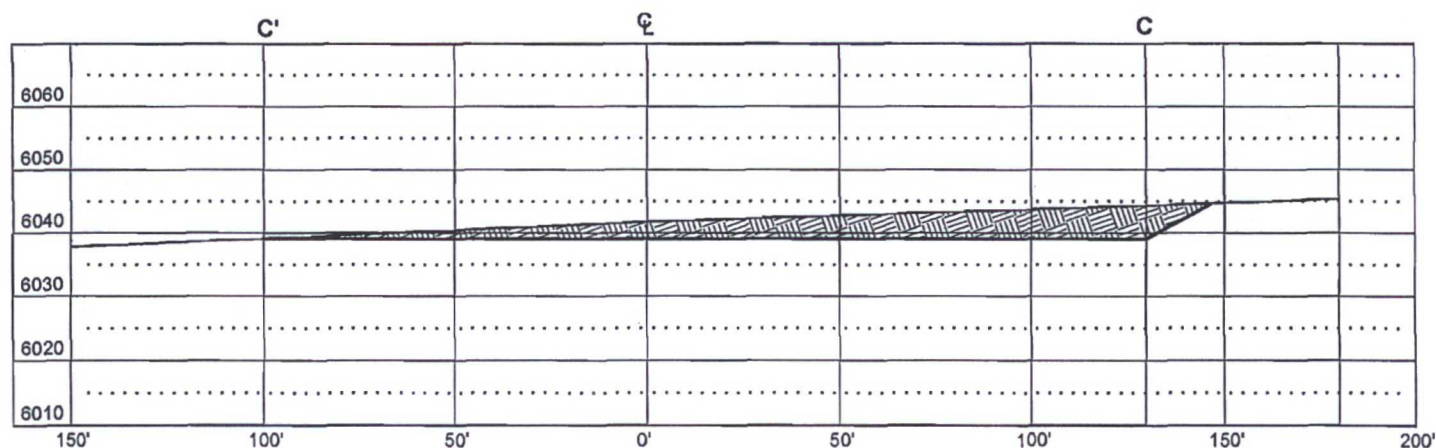
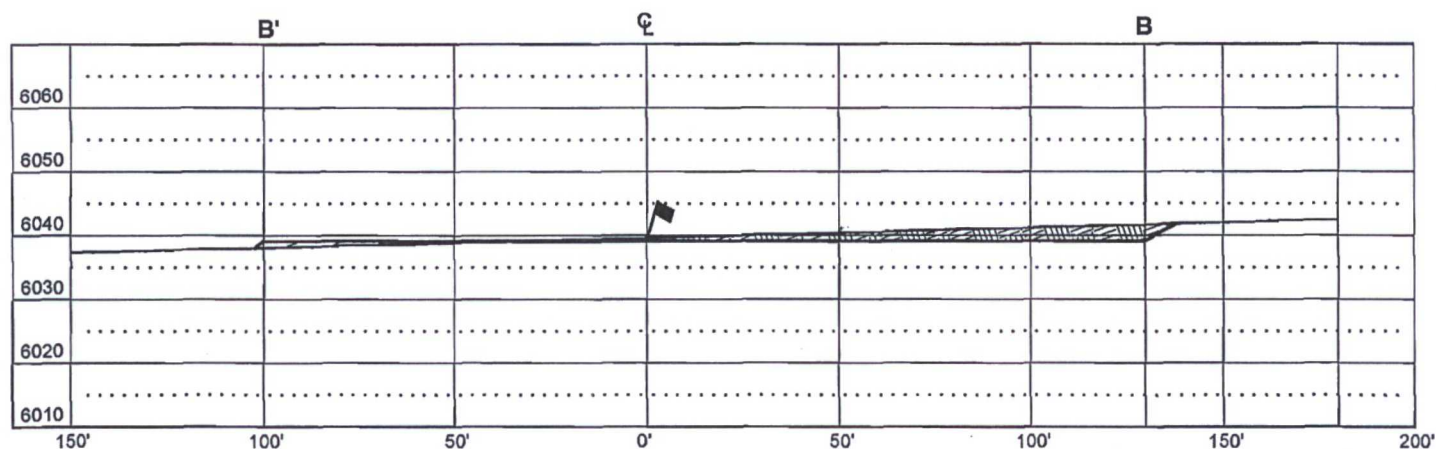
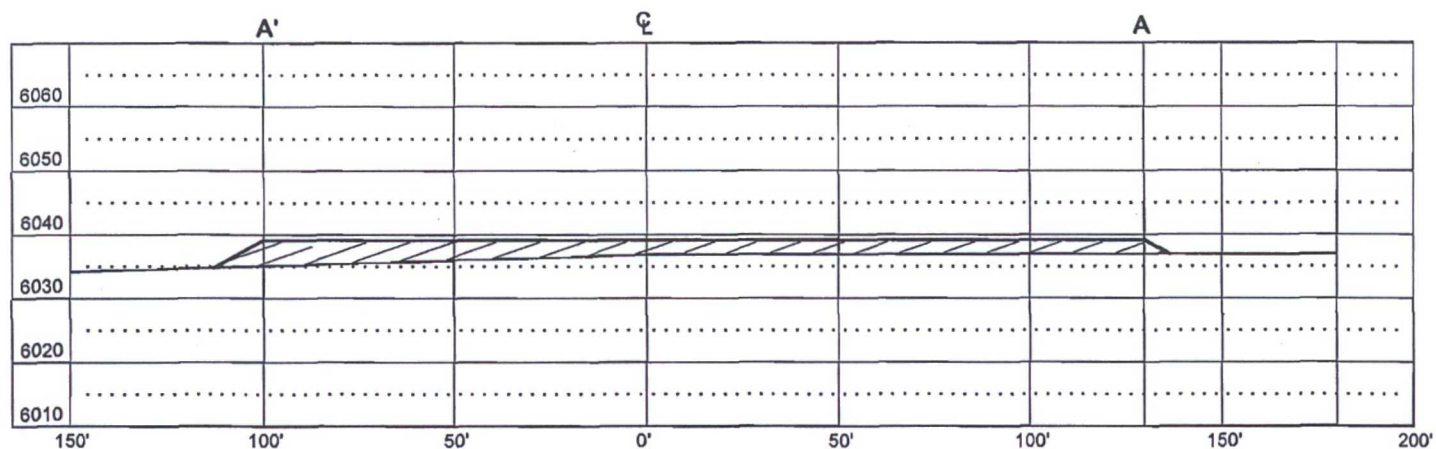
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Aztec, New Mexico 87410  
(505) 334-4007



## BURLINGTON RESOURCES OIL &amp; GAS COMPANY LP

NAVAJO INDIAN B #5P  
2069' FNL & 1966' FWL  
LOCATED IN THE SE/4 NW/4 OF SECTION 30,  
T27N, R8W, N.M.P.M.,  
SAN JUAN COUNTY, NEW MEXICO  
GROUND ELEVATION: 6040', NAVD 88  
FINISHED PAD ELEVATION: 6039.1', NAVD 88



VERT. SCALE: 1" = 30'  
HORIZ. SCALE: 1" = 50'  
JOB No.: COPC392  
DATE: 04/24/10

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



FII I



CUT



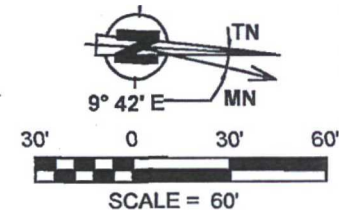
**Scorpion Survey & Consulting, L.L.C.**  
Aztec, New Mexico 87410  
(505) 334-4007

## WELL FLAG

LATITUDE: 36.54741° N  
LONGITUDE: 107.72449° W  
DATUM: NAD83

## BURLINGTON RESOURCES OIL & GAS COMPANY LP

NAVAJO INDIAN B #5P  
2069' FNL & 1966' FWL  
LOCATED IN THE SE/4 NW/4 OF SECTION 30,  
T27N, R8W, N.M.P.M.,  
SAN JUAN COUNTY, NEW MEXICO  
GROUND ELEVATION: 6040', NAVD 88  
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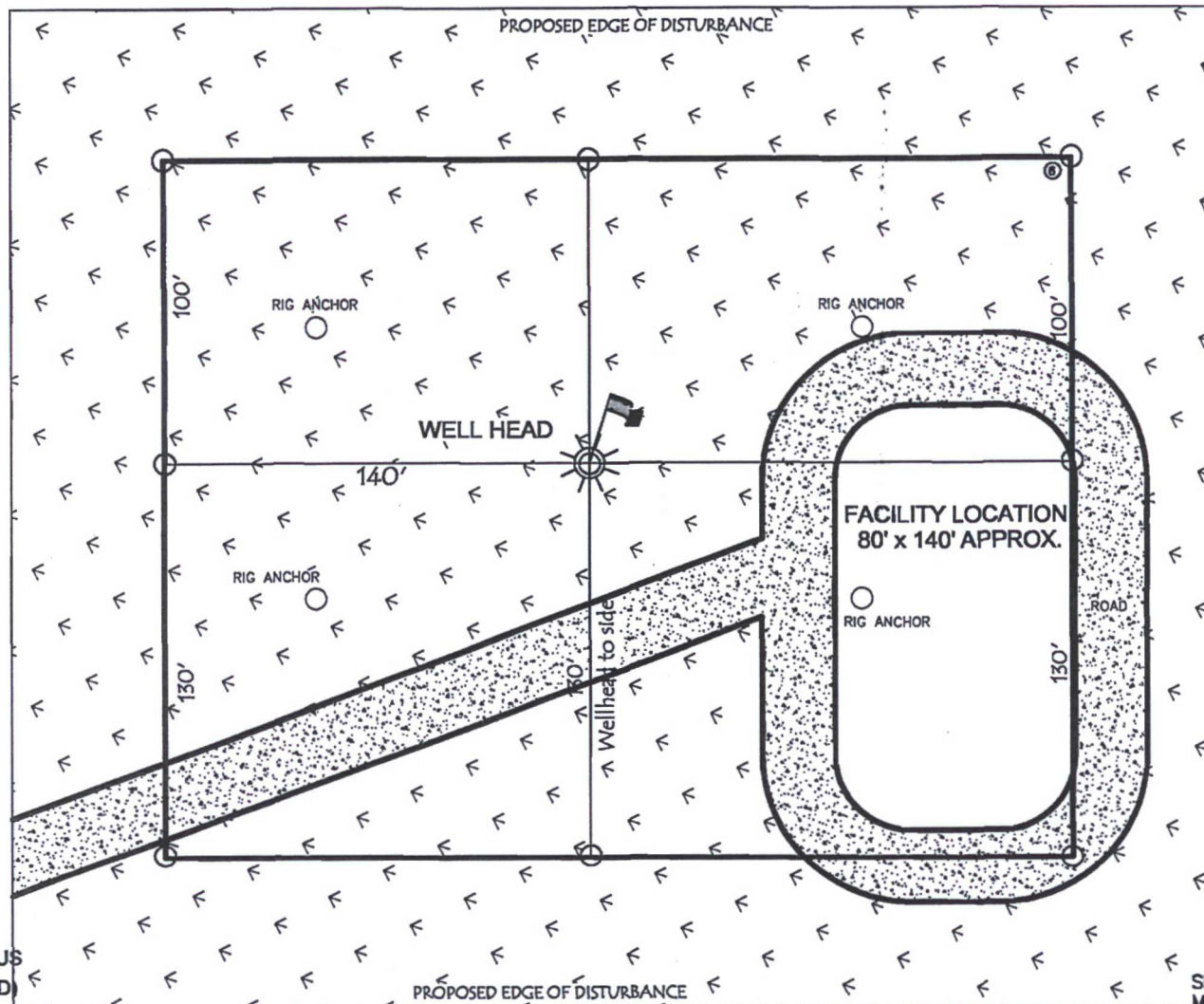


### NOTES:

1.) BASIS OF BEARING: BETWEEN FOUND MONUMENTS AT THE NORTHWEST CORNER AND THE NORTH QUARTER CORNER OF SECTION 30, TOWNSHIP 27 NORTH, RANGE 8 WEST, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO.  
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2.) LATITUDE, LONGITUDE AND ELIPSOIDAL ELEVATIONS BASED ON AZTEC CORS L1 PHASE CENTER.  
DISTANCES SHOWN ARE GROUND DISTANCES USING A TRAVERSE MERCATOR PROJECTION FROM A WGS84 ELLIPSOID, CONVERTED TO NAD83.  
ELEVATIONS AS PREDICTED BY GEODIDS.

3.) LOCATION OF UNDERGROUND UTILITIES DEPICTED ARE APPROXIMATE. PRIOR TO EXCAVATION UNDERGROUND UTILITIES SHOULD BE FIELD VERIFIED. ALL CONSTRUCTION ACTIVITIES SHOULD BE FIELD VERIFIED WITH NEW MEXICO ONE-CALL AUTHORITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.



TOTAL PERMITTED AREA  
330' x 400' = 3.03 ACRES  
AREA NEEDED FOR CONTINUOUS  
PRODUCTION (INCLUDING ROAD)  
APPROX. 0.94 ACRES  
RECLAIMED AREA  
APPROX. 2.09 ACRES  
SCALE: 1" = 60'  
JOB No.: COPC392  
DATE: 10/18/12  
DRAWN BY: TWT

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



**Scorpion Survey &  
Consulting, L.L.C.**  
Aztec, New Mexico 87410  
(505) 334-4007



# **BURLINGTON RESOURCES OIL & GAS COMPANY LP**

NAVAJO INDIAN B #5P  
2069' FNL & 1966' FWL  
LOCATED IN THE SE/4 NW/4 OF SECTION 30,  
T27N, R8W, N.M.P.M.,  
SAN JUAN COUNTY, NEW MEXICO

## **DIRECTIONS**

- 1) FROM THE POST OFFICE IN BLANCO, TRAVEL EAST ON HWY 64 FOR 1.4 MILES.
- 2) TURN RIGHT ONTO CR 4450 (LARGO CANYON ROAD) AND TRAVEL SOUTHWESTERLY 3.6 MILES TO A "Y" INTERSECTION.
- 3) BEAR RIGHT AND TRAVEL 0.6 MILES, CROSSING THE BRIDGE.
- 4) STAY LEFT ON CR 4450 AND TRAVEL SOUTHEASTERLY 2.9 MILES.
- 5) TURN RIGHT ONTO CR 7007 AND GO SOUTHWESTERLY 6.6 MILES TO A "Y" INTERSECTION.
- 6) BEAR LEFT, CROSS THE BLANCO WASH AND TRAVEL SOUTHEASTERLY 2.2 MILES TO WHERE NEW ACCESS IS STAKED ON RIGHT.

WELL FLAG LOCATED AT LAT. 36.54741° N, LONG. 107.72449° W (NAD 83).

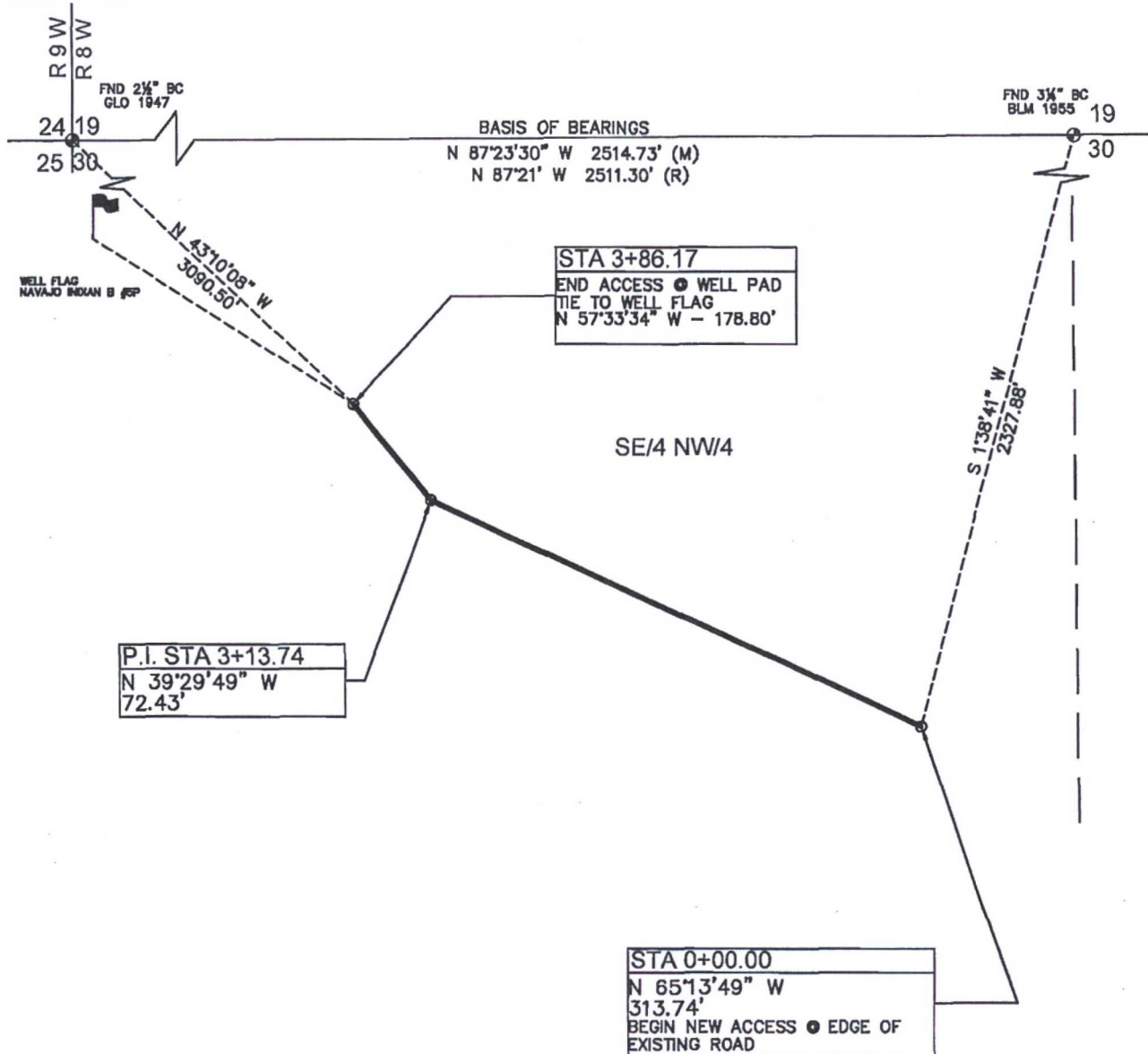


# PROPOSED ACCESS FOR BURLINGTON RESOURCES OIL & GAS COMPANY LP

NAVAJO INDIAN B #5P  
LOCATED IN THE SE/4 NW/4 OF SECTION 30,  
T27N, R8W, N.M.P.M.,  
SAN JUAN COUNTY, NEW MEXICO



50' 0 50' 100'  
SCALE = 100'



## NOTES:

1.) BASIS OF BEARING: BETWEEN FOUND MONUMENTS AT THE NORTHWEST CORNER AND THE NORTH QUARTER CORNER OF SECTION 30, TOWNSHIP 27 NORTH, RANGE 8 WEST, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO.  
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I, DAVID R. RUSSELL, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



~ SURFACE OWNERSHIP ~		
NAVAJO ALLOTTED		
0+00 TO 3+86.17		
368.17 FT/23.40 RODS		
DATE OF SURVEY	10/03/12	JC,GR

*David R. Russell*  
DAVID R. RUSSELL, PLS  
NEW MEXICO L.S. #10201

JOB No.: COPC392

DATE: 10/18/12

DATE: Nov. 1, 2012



**Scorpion Survey &  
Consulting, L.L.C.**  
Aztec, New Mexico 87410  
(505) 334-4007