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

NMOCD- AV Cancelled per operators request 8/1/16

BISON CONNECT

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 ConocoPhillip's position is in regards to the list of APDs.

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

Jernigan #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

[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*

Visit the new Lower 48 website:

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>
Cc: Walker, Crystal <Crystal.Walker@conocophillips.com>; Troy Salyers <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

RECEIVED

AUG 06 2012

Farmington Field Office
Bureau of Land Management

1a. Type of Work
DRILL

1b. Type of Well
GAS

5. Lease Number
NO-G-0651-1131
Unit Reporting Number

6. If Indian, All. or Tribe
Navajo Allotted

2. Operator
BURLINGTON 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
Jernigan

9. Well Number
3B

4. Location of Well
Surface: Unit H(SE/NE), 1920' FNL & 1110' FEL
BHL : Unit B(NW/NE), 895' FNL & 1845' FEL

Surface: Latitude: 36.562616° N (NAD83)
Longitude: 107.734918° W
BHL : Latitude: 36.565425° N (NAD83)
Longitude: 107.737397° W

10. Field, Pool, Wildcat
Blanco MV/Basin DK/
Blanco MC

11. Sec., Twn, Rge, Mer. (NMPM)
Sec. 24, T27N, R9W

API # 30-045-35394

14. Distance in Miles from Nearest Town
30.2 miles from Bloomfield

12. County
San Juan

13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
895'

16. Acres in Lease

17. Acres Assigned to Well
320 Acres - E/2

THIS 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

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease
69' from Huerfanito Unit Com 552/FC

19. Proposed Depth
6597'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
5990' GL

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

Cancelled 6-20-17

24. Authorized by: Arleen Kellywood
Arleen Kellywood (Staff Regulatory Tech)

8/6/12
Date

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report attached
Threatened and Endangered Species Report attached
A gas recovery unit may or may not be used on this location.

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**

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

NMOCD

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

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 Rev. July 16, 2010
Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-	71599/72319/97232	BASIN DAKOTA/BLANCO MESAVERDE/MANCOS

[4] Property Code	[5] Property Name	[6] Well Number
18556	JERNIGAN	3B

[7] OGRID No.	[8] Operator Name	[9] Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY LP	5990'

[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
H	24	27-N	9-W		1920	NORTH	1110	EAST	SAN JUAN

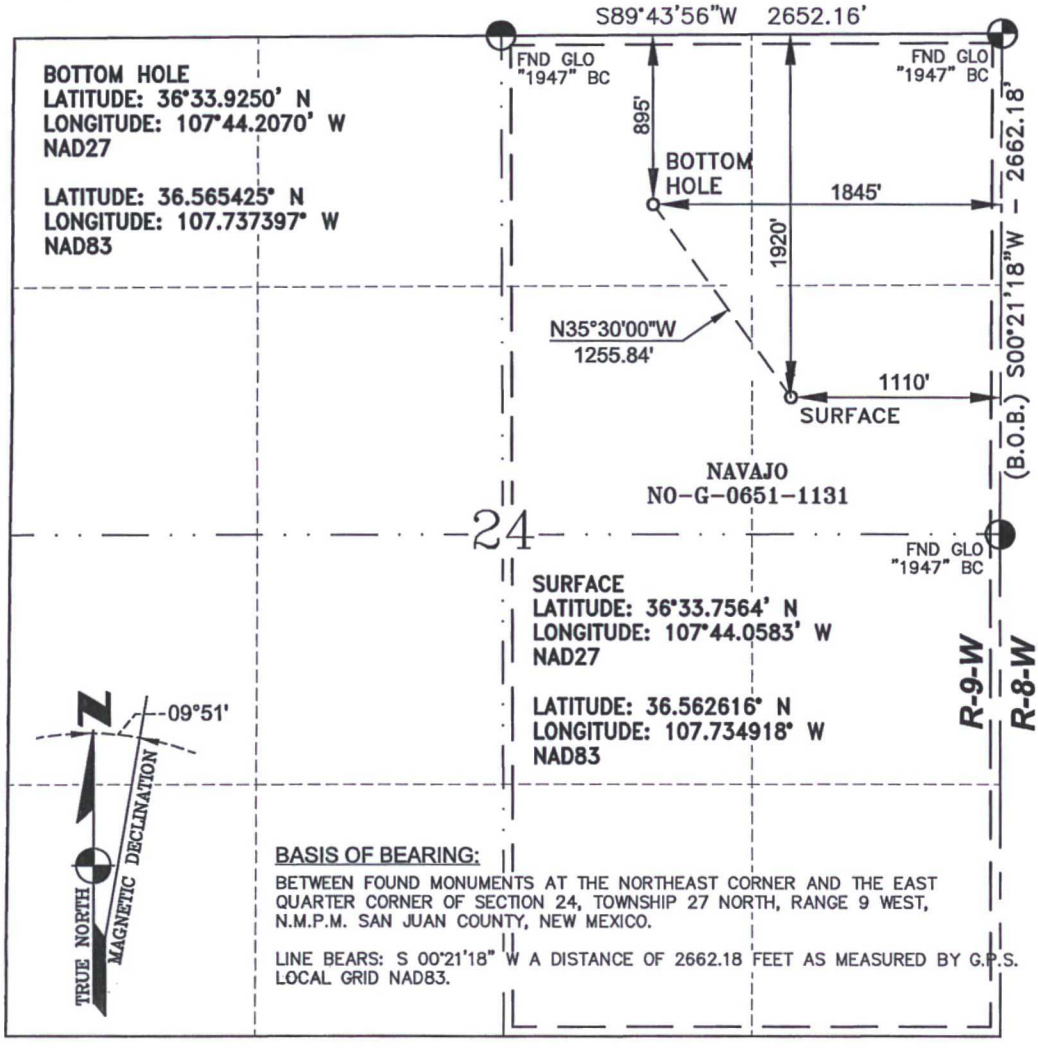
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	24	27-N	9-W		895	NORTH	1845	EAST	SAN JUAN

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
MC 320 E/2 DK 320.00 ACRES E/2 MV 320.00 ACRES E/2			

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



BASIS OF BEARING:
BETWEEN FOUND MONUMENTS AT THE NORTHEAST CORNER AND THE EAST QUARTER CORNER OF SECTION 24, TOWNSHIP 27 NORTH, RANGE 9 WEST, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO.

LINE BEARS: S 00°21'18" W A DISTANCE OF 2662.18 FEET AS MEASURED BY G.P.S. LOCAL GRID NAD83.

[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.

Arleen Kellywood 2/2/12
Signature Date

Arleen Kellywood
Printed Name

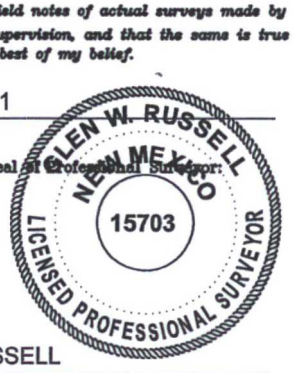
arleen.r.kellywood@conocophillips.com
E-mail Address

[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.

JULY 11, 2011
Date of Survey

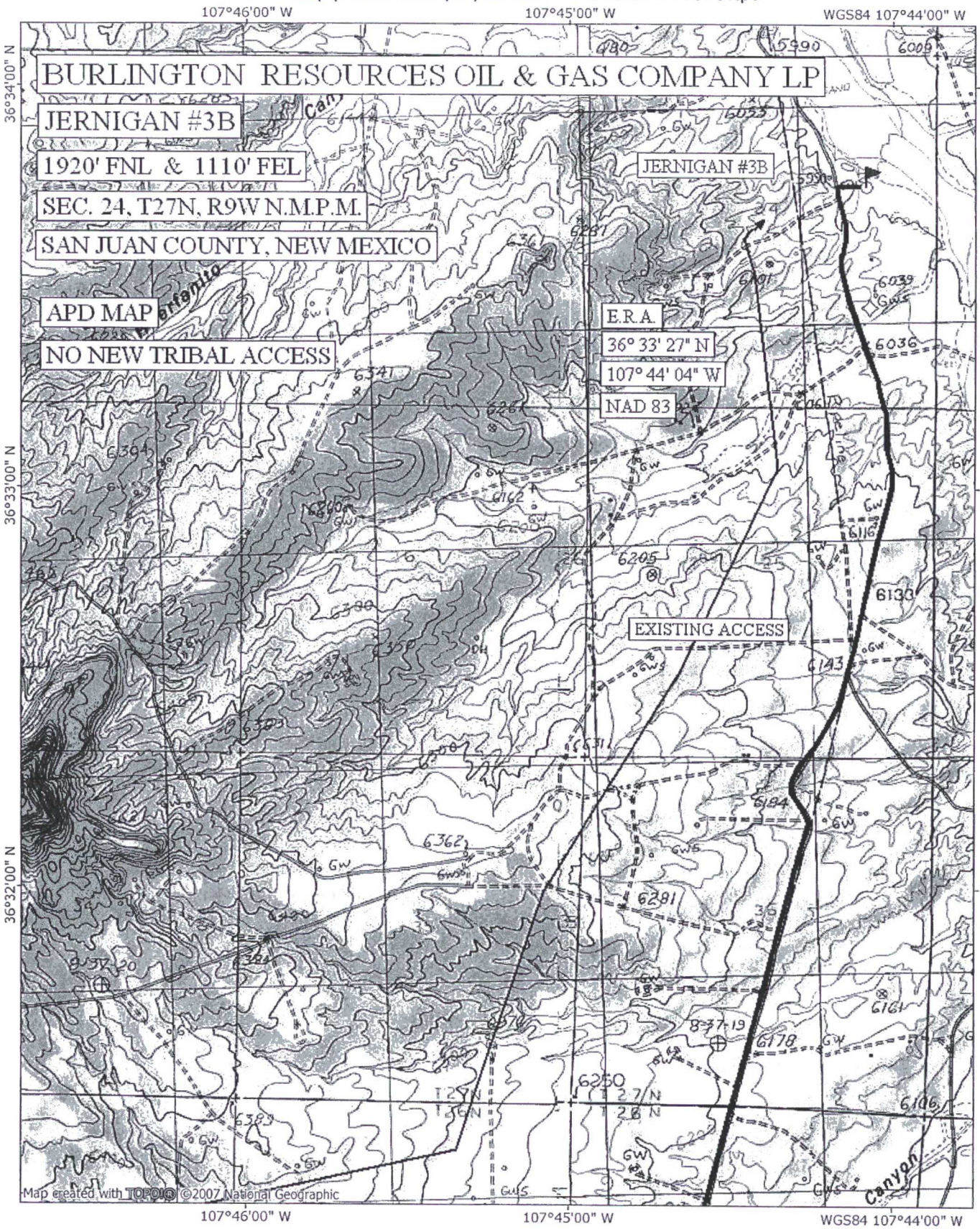
Signature and Seal of Professional Surveyor:



GLEN W. RUSSELL

Certificate Number 15703

TOPO! map printed on 07/14/11 from "JERNIGAN 3B TOPO.tpo"



NATIONAL GEOGRAPHIC

0.0 0.5 miles
0.0 0.5 1.0 km

TN MN
10°
07/14/11

Enterprise Products

ENTERPRISE FIELD SERVICES, LLC

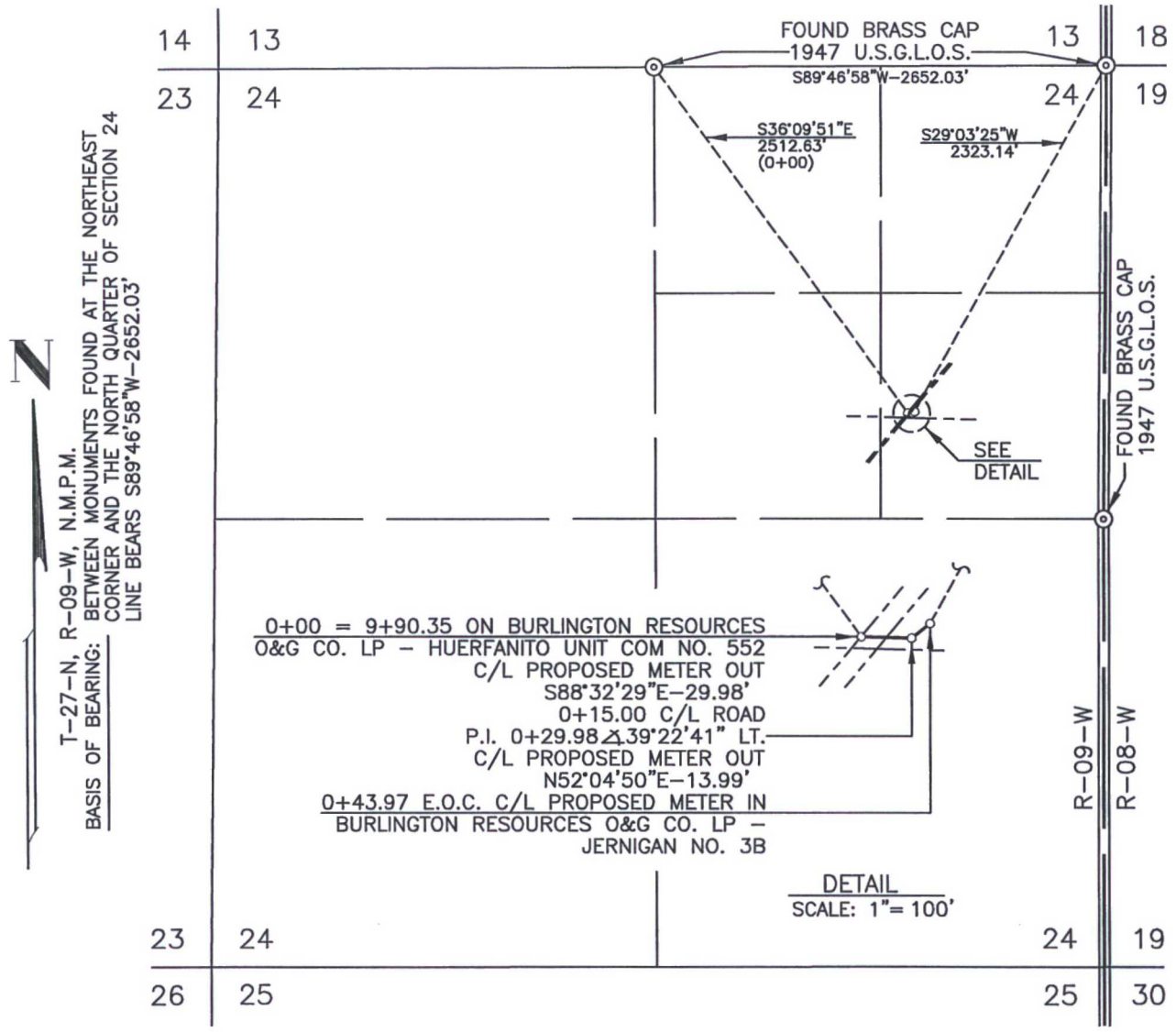
CHACO GATHERING SYSTEM

DWG. NO. 019A737.0-080-01
WO NO. P18652
RW NO.
DATE 09/19/11
SCALE 1" = 1000'
SURVEYED 09/09/11

LINE BURLINGTON RESOURCES O&G CO. LP – JERNIGAN NO. 3B

FROM 0+00 = 9+90.35 ON B.R.O.G. CO. LP – HUERFANITO UNIT COM NO. 552
(019A737.0-061-01, R/W NO. 170476)(MC NO. 98882)

COUNTY SAN JUAN STATE NEW MEXICO SECTION 24 TOWNSHIP 27-N RANGE 09-W, N.M.P.M.



DWN. BY LB CONSTR. COMMENCED APPL. DWG. SLACK CHAIN

CKD. BY MD CONSTR. COMPLETED DATE PIPE SIZE 4.50" O.D.

PRINT RECORD	PIPE DATA	METER STA. NO.	MV/DK
7 PRELIM PROD 09/20/11			

NOTE: WELL FLAG
REROUTE EXISTING METER TO ENTRANCE OF PROPOSED LOCATION & NEXT TO EXISTING ROAD
PARALLEL METER SET AT ENTRANCE OF PROPOSED LOCATION
PROPOSED LOCATION NOT BUILT

SURFACE LOCATION: 1920' FNL, 1110' FEL

Preliminary

OWNERSHIP	SUBDIVISION	OWNER	LESSEE	METER(S)	RODS	ACRE(S)
	NE/4, SEC. 24	NAVAJO ALLOTTED TRUST	ALLOTMENT No. 211499		2.665	0.045
				FEET: 43.97	MILES: 0.008	

REV.

019A737.0-080-01 FM24 (Rev. 1/99)

ConocoPhillips

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

JERNIGAN 3B **DEVELOPMENT**

Lease:	AFE #: WAN.CDR.1008			AFE $:
Field Name: SAN JUAN	Rig: Aztec Rig 711	State: NM	County: SAN JUAN	API #:
Geologist:	Phone:	Geophysicist:		Phone:
Geoscientist:	Phone:	Prod. Engineer:		Phone:
Res. Engineer:	Phone:	Proj. Field Lead:		Phone:

Primary Objective (Zones):

Zone	Zone Name
RCO085	MANCOS(RCO085)
FRR	BASIN DAKOTA (PRORATED GAS)
RON	BLANCO MESAVERDE (PRORATED GAS)

Location: Surface	Datum Code: NAD 27				**Directional**
Latitude: 36.562607	Longitude: -107.734305	X:	Y:	Section: 24	Range: 009W
Footage X: 1110 FEL	Footage Y: 1920 FNL	Elevation: 5990 (FT)	Township: 027N		
Tolerance:					
Location: Bottom Hole	Datum Code: NAD 27				**Directional**
Latitude: 36.565416	Longitude: -107.736784	X:	Y:	Section: 24	Range: 009W
Footage X: 1845 FEL	Footage Y: 895 FNL	Elevation: (FT)	Township: 027N		
Tolerance:					

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

Formation Data: Assume KB = 6005 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5805		☐			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	1111	4894		☐			
KIRTLAND	1238	4767		☐			
FRUITLAND	1600	4405		☐			Possible Gas
PICTURED CLIFFS	1993	4012		☐			
LEWIS	2086	3919		☐			
HUERFANITO BENTONITE	2489	3516		☐			
CHACRA	2905	3100		☐			
MASSIVE CLIFF HOUSE	3602	2403		☐	709		
MENEFEE	3663	2342		☐			
Intermediate Casing	3822	2183		☐		121	8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 861 cuft. Circulate cement to surface.
POINT LOOKOUT	4291	1714		☐			
MANCOS	4619	1386		☐			
UPPER GALLUP	5463	542		☐			
GREENHORN	6262	-257		☐			
GRANEROS	6315	-310		☐			
TWO WELLS	6374	-369		☐	2207		Gas
PAGUATE	6439	-434		☐			
CUBERO	6490	-485		☐			
ENCINAL	6553	-548		☐			TD ~44 below the top of Encinal, top 24' to complete.

Printed on: 8/2/2012 9:57:59 AM

ConocoPhillips

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

JERNIGAN 3B **DEVELOPMENT**

Total Depth	6597	-592	☐	200	6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC/BTC casing. Cement w/ 368 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:

Reference Type	Well Name	Comments

Logging Program:

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

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

Mud log from ~100' above the Upper Gallup to TD. Mud loggers will call final TD.

Additional Information:

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

Printed on: 8/2/2012 9:58:00 AM

ConocoPhillips SJBU

San Juan Basin - New Mexico West Wells
Other Named Wells
Jernigan #3B

Wellbore #1

Plan: Plan #1

Standard Planning Report

26 July, 2012

Database:	EDM Central Planning	**Local Co-ordinate Reference:**	Well Jernigan #3B
Company:	ConocoPhillips SJBU	**TVD Reference:**	WELL @ 6005.0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico West Wells	**MD Reference:**	WELL @ 6005.0ft (Original Well Elev)
Site:	Other Named Wells	**North Reference:**	True
Well:	Jernigan #3B	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

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

Site	Other Named Wells				
Site Position:		**Northing:**	2,063,826.04 ft	**Latitude:**	36° 40' 18.848 N
From:	Lat/Long	**Easting:**	504,691.02 ft	**Longitude:**	107° 49' 2.415 W
Position Uncertainty:	15.0 ft	**Slot Radius:**	6-1/8"	**Grid Convergence:**	0.01 °

Well	Jernigan #3B					
Well Position	**+N/-S**	0.0 ft	**Northing:**	2,024,053.04 ft	**Latitude:**	36° 33' 45.384 N
	+E/-W	0.0 ft	**Easting:**	529,082.57 ft	**Longitude:**	107° 44' 3.498 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,990.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2012	7/26/2012	9.77	63.27	50,484

Design Plan #1

Audit Notes:

Version:	**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	324.57

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	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	
1,665.4	26.91	324.57	1,616.5	252.7	-179.8	2.00	2.00	0.00	324.57	
3,411.7	26.91	324.57	3,173.8	896.7	-638.0	0.00	0.00	0.00	0.00	
4,084.4	0.00	0.00	3,822.0	1,023.0	-727.9	4.00	-4.00	0.00	180.00	JERNIGAN #3B ICI
6,859.4	0.00	0.00	6,597.0	1,023.0	-727.9	0.00	0.00	0.00	0.00	JERNIGAN #3B PC

Database:	EDM Central Planning	**Local Co-ordinate Reference:**	Well Jernigan #3B
Company:	ConocoPhillips SJBU	**TVD Reference:**	WELL @ 6005.0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico West Wells	**MD Reference:**	WELL @ 6005.0ft (Original Well Elev)
Site:	Other Named Wells	**North Reference:**	True
Well:	Jernigan #3B	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
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	1.60	324.57	400.0	0.9	-0.6	1.1	2.00	2.00	0.00
500.0	3.60	324.57	499.9	4.6	-3.3	5.7	2.00	2.00	0.00
600.0	5.60	324.57	599.6	11.1	-7.9	13.7	2.00	2.00	0.00
700.0	7.60	324.57	698.9	20.5	-14.6	25.2	2.00	2.00	0.00
800.0	9.60	324.57	797.8	32.7	-23.3	40.1	2.00	2.00	0.00
900.0	11.60	324.57	896.0	47.7	-33.9	58.5	2.00	2.00	0.00
1,000.0	13.60	324.57	993.6	65.5	-46.6	80.3	2.00	2.00	0.00
1,100.0	15.60	324.57	1,090.4	86.0	-61.2	105.5	2.00	2.00	0.00
1,121.4	16.03	324.57	1,111.0	90.7	-64.6	111.4	2.00	2.00	0.00
OJO ALAMO									
1,200.0	17.60	324.57	1,186.2	109.3	-77.7	134.1	2.00	2.00	0.00
1,254.5	18.69	324.57	1,238.0	123.1	-87.6	151.1	2.00	2.00	0.00
KIRTLAND									
1,300.0	19.60	324.57	1,281.0	135.3	-96.2	166.0	2.00	2.00	0.00
1,400.0	21.60	324.57	1,374.6	163.9	-116.6	201.2	2.00	2.00	0.00
1,500.0	23.60	324.57	1,466.9	195.2	-138.9	239.6	2.00	2.00	0.00
1,600.0	25.60	324.57	1,557.8	229.1	-163.0	281.2	2.00	2.00	0.00
1,646.9	26.54	324.57	1,600.0	246.0	-175.0	301.9	2.00	2.00	0.00
FRUITLAND									
1,665.4	26.91	324.57	1,616.5	252.7	-179.8	310.1	2.00	2.00	0.00
1,700.0	26.91	324.57	1,647.3	265.5	-188.9	325.8	0.00	0.00	0.00
1,800.0	26.91	324.57	1,736.5	302.4	-215.1	371.1	0.00	0.00	0.00
1,900.0	26.91	324.57	1,825.7	339.2	-241.4	416.3	0.00	0.00	0.00
2,000.0	26.91	324.57	1,914.9	376.1	-267.6	461.6	0.00	0.00	0.00
2,087.6	26.91	324.57	1,993.0	408.4	-290.6	501.2	0.00	0.00	0.00
PICTURED CLIFFS									
2,100.0	26.91	324.57	2,004.0	413.0	-293.8	506.8	0.00	0.00	0.00
2,191.9	26.91	324.57	2,086.0	446.9	-317.9	548.4	0.00	0.00	0.00
LEWIS									
2,200.0	26.91	324.57	2,093.2	449.9	-320.1	552.1	0.00	0.00	0.00
2,300.0	26.91	324.57	2,182.4	486.7	-346.3	597.3	0.00	0.00	0.00
2,400.0	26.91	324.57	2,271.6	523.6	-372.5	642.6	0.00	0.00	0.00
2,500.0	26.91	324.57	2,360.7	560.5	-398.8	687.9	0.00	0.00	0.00
2,600.0	26.91	324.57	2,449.9	597.3	-425.0	733.1	0.00	0.00	0.00
2,643.8	26.91	324.57	2,489.0	613.5	-436.5	753.0	0.00	0.00	0.00
HUERFANITO BENTONITE									
2,700.0	26.91	324.57	2,539.1	634.2	-451.2	778.4	0.00	0.00	0.00
2,800.0	26.91	324.57	2,628.3	671.1	-477.5	823.6	0.00	0.00	0.00
2,900.0	26.91	324.57	2,717.4	708.0	-503.7	868.9	0.00	0.00	0.00
3,000.0	26.91	324.57	2,806.6	744.8	-529.9	914.1	0.00	0.00	0.00
3,100.0	26.91	324.57	2,895.8	781.7	-556.2	959.4	0.00	0.00	0.00
3,110.3	26.91	324.57	2,905.0	785.5	-558.9	964.1	0.00	0.00	0.00
CHACRA									
3,200.0	26.91	324.57	2,984.9	818.6	-582.4	1,004.6	0.00	0.00	0.00
3,300.0	26.91	324.57	3,074.1	855.5	-608.7	1,049.9	0.00	0.00	0.00
3,400.0	26.91	324.57	3,163.3	892.3	-634.9	1,095.2	0.00	0.00	0.00
3,411.7	26.91	324.57	3,173.8	896.7	-638.0	1,100.5	0.00	0.00	0.00
3,500.0	23.38	324.57	3,253.7	927.2	-659.7	1,138.0	4.00	-4.00	0.00

Database:	EDM Central Planning	**Local Co-ordinate Reference:**	Well Jernigan #3B
Company:	ConocoPhillips SJBU	**TVD Reference:**	WELL @ 6005.0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico West Wells	**MD Reference:**	WELL @ 6005.0ft (Original Well Elev)
Site:	Other Named Wells	**North Reference:**	True
Well:	Jernigan #3B	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,600.0	19.38	324.57	3,346.8	956.9	-680.8	1,174.4	4.00	-4.00	0.00
3,700.0	15.38	324.57	3,442.2	981.2	-698.1	1,204.3	4.00	-4.00	0.00
3,800.0	11.38	324.57	3,539.4	1,000.1	-711.6	1,227.4	4.00	-4.00	0.00
3,863.6	8.83	324.57	3,602.0	1,009.2	-718.0	1,238.5	4.00	-4.00	0.00
MASSIVE CLIFF HOUSE									
3,900.0	7.38	324.57	3,638.1	1,013.4	-721.0	1,243.7	4.00	-4.00	0.00
3,925.1	6.37	324.57	3,663.0	1,015.8	-722.7	1,246.7	4.00	-4.00	0.00
MENEFEE									
4,000.0	3.38	324.57	3,737.6	1,021.0	-726.4	1,253.1	4.00	-4.00	0.00
4,084.4	0.00	0.00	3,822.0	1,023.0	-727.9	1,255.5	4.00	-4.00	0.00
JERNIGAN #3B ICP									
4,100.0	0.00	0.00	3,837.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
4,200.0	0.00	0.00	3,937.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
4,300.0	0.00	0.00	4,037.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
4,400.0	0.00	0.00	4,137.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
4,500.0	0.00	0.00	4,237.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
4,553.4	0.00	0.00	4,291.0	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
POINT LOOKOUT									
4,600.0	0.00	0.00	4,337.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
4,700.0	0.00	0.00	4,437.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
4,800.0	0.00	0.00	4,537.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
4,881.4	0.00	0.00	4,619.0	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
MANCOS									
4,900.0	0.00	0.00	4,637.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
5,000.0	0.00	0.00	4,737.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
5,100.0	0.00	0.00	4,837.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
5,200.0	0.00	0.00	4,937.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
5,300.0	0.00	0.00	5,037.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
5,400.0	0.00	0.00	5,137.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
5,500.0	0.00	0.00	5,237.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
5,600.0	0.00	0.00	5,337.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
5,700.0	0.00	0.00	5,437.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
5,725.4	0.00	0.00	5,463.0	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
UPPER GALLUP									
5,800.0	0.00	0.00	5,537.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
5,900.0	0.00	0.00	5,637.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
6,000.0	0.00	0.00	5,737.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
6,100.0	0.00	0.00	5,837.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
6,200.0	0.00	0.00	5,937.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
6,300.0	0.00	0.00	6,037.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
6,400.0	0.00	0.00	6,137.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
6,500.0	0.00	0.00	6,237.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
6,524.4	0.00	0.00	6,262.0	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
GREENHORN									
6,577.4	0.00	0.00	6,315.0	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
GRANEROS									
6,600.0	0.00	0.00	6,337.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
6,636.4	0.00	0.00	6,374.0	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
TWO WELLS									
6,700.0	0.00	0.00	6,437.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
6,701.4	0.00	0.00	6,439.0	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
PAGUATE									

Database:	EDM Central Planning	**Local Co-ordinate Reference:**	Well Jernigan #3B
Company:	ConocoPhillips SJBU	**TVD Reference:**	WELL @ 6005.0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico West Wells	**MD Reference:**	WELL @ 6005.0ft (Original Well Elev)
Site:	Other Named Wells	**North Reference:**	True
Well:	Jernigan #3B	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,752.4	0.00	0.00	6,490.0	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
CUBERO									
6,800.0	0.00	0.00	6,537.6	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
6,815.4	0.00	0.00	6,553.0	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
ENCINAL									
6,859.4	0.00	0.00	6,597.0	1,023.0	-727.9	1,255.5	0.00	0.00	0.00
JERNIGAN #3B PCP									

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
JERNIGAN #3B ICP - plan hits target center - Point	0.00	0.00	3,822.0	1,023.0	-727.9	2,025,075.24	528,353.71	36° 33' 55.500 N	107° 44' 12.420 W
JERNIGAN #3B PCP - plan hits target center - Point	0.00	0.00	6,597.0	1,023.0	-727.9	2,025,075.24	528,353.71	36° 33' 55.500 N	107° 44' 12.420 W

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,191.9	2,086.0	LEWIS		0.00	
6,752.4	6,490.0	CUBERO		0.00	
6,815.4	6,553.0	ENCINAL		0.00	
5,725.4	5,463.0	UPPER GALLUP		0.00	
6,636.4	6,374.0	TWO WELLS		0.00	
1,121.4	1,111.0	OJO ALAMO		0.00	
4,881.4	4,619.0	MANCOS		0.00	
3,110.3	2,905.0	CHACRA		0.00	
6,701.4	6,439.0	PAGUATE		0.00	
2,643.8	2,489.0	HUERFANITO BENTONITE		0.00	
2,087.6	1,993.0	PICTURED CLIFFS		0.00	
1,254.5	1,238.0	KIRTLAND		0.00	
3,925.1	3,663.0	MENEFEE		0.00	
6,577.4	6,315.0	GRANEROS		0.00	
6,524.4	6,262.0	GREENHORN		0.00	
3,863.6	3,602.0	MASSIVE CLIFF HOUSE		0.00	
1,646.9	1,600.0	FRUITLAND		0.00	
4,553.4	4,291.0	POINT LOOKOUT		0.00	

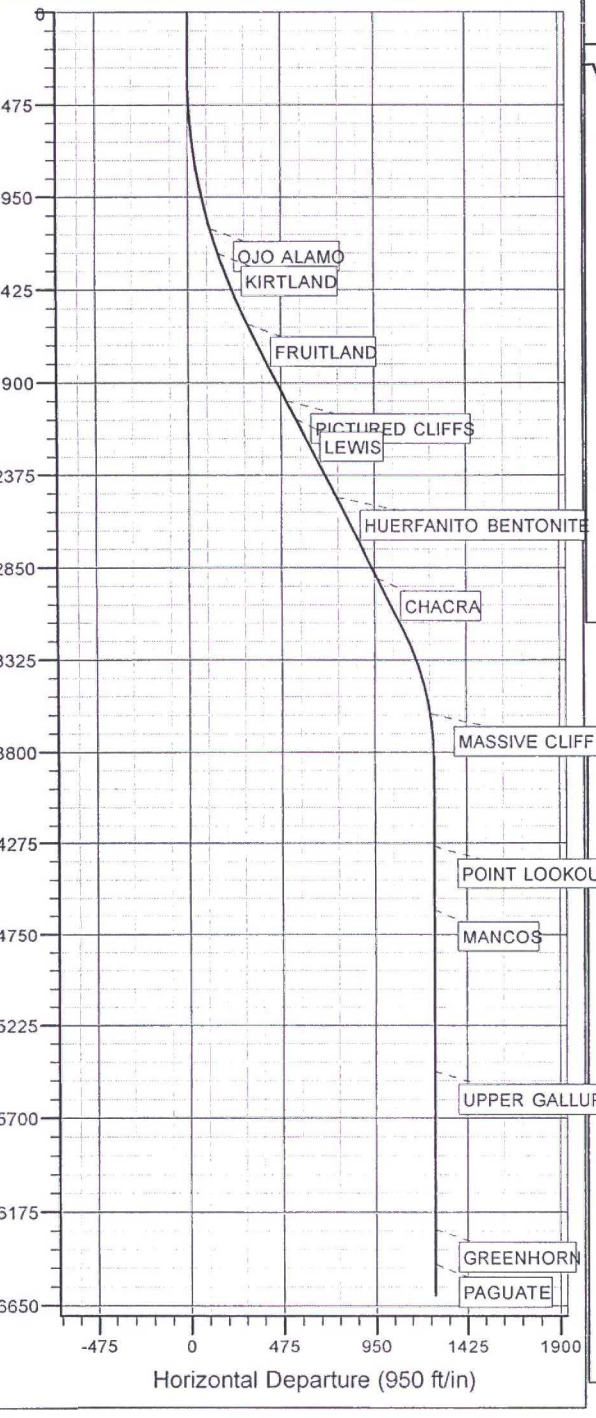
REFERENCE INFORMATION	
WELL @ 6005.0ft (Original Well Elev) Ground Elevation 5990.0 Reference Lat: 36° 33' 45.384 N Reference Long: 107° 44' 3.498 W	Project: San Juan Basin - New Mexico West V Site: Other Named Wells Well: Jernigan #3B Wellbore: Wellbore #1 Design: Plan #1

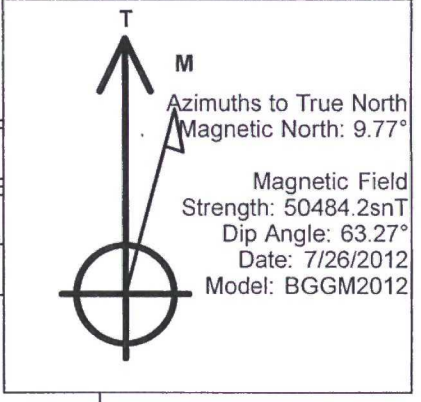
SECTION DETAILS

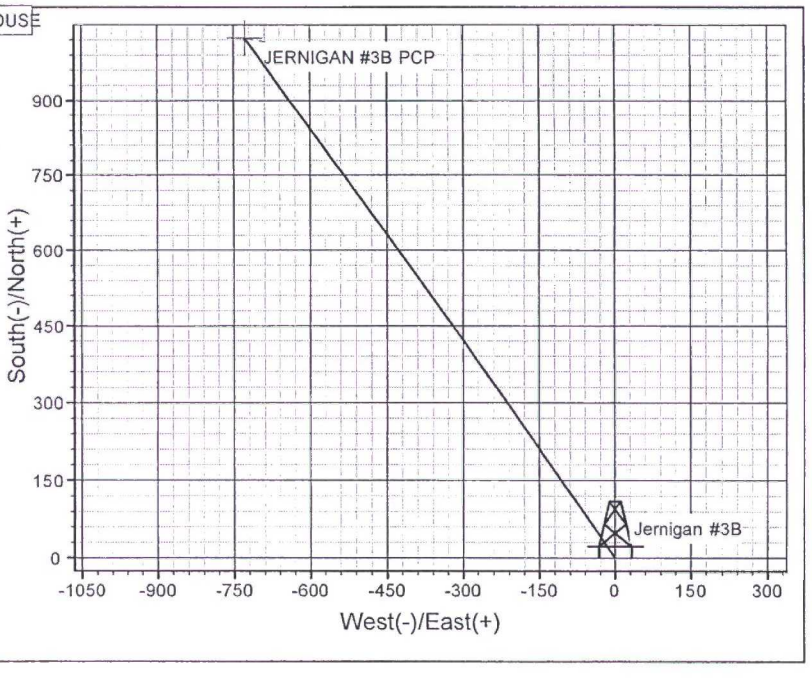
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	320.0	0.00	0.00	320.0	0.0	0.0	0.00	0.00	0.0	
3	1665.4	26.91	324.57	1616.5	252.7	-179.8	2.00	324.57	310.1	
4	3411.7	26.91	324.57	3173.8	896.7	-638.0	0.00	0.00	1100.5	
5	4084.4	0.00	0.00	3822.0	1023.0	-727.9	4.00	180.00	1255.5	JERNIGAN #3B ICP
6	6859.4	0.00	0.00	6597.0	1023.0	-727.9	0.00	0.00	1255.5	JERNIGAN #3B PCP

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1111.0	1121.4	OJO ALAMO
1238.0	1254.5	KIRTLAND
1600.0	1646.9	FRUITLAND
1993.0	2087.6	PICTURED CLIFF
2086.0	2191.9	LEWIS
2489.0	2643.8	HUERFANITO BE
2905.0	3110.3	CHACRA
3602.0	3863.6	MASSIVE CLIFF H
3663.0	3925.1	MENEFEE
4291.0	4553.4	POINT LOOKOUT
4619.0	4881.4	MANCOS
5463.0	5725.4	UPPER GALLUP
6262.0	6524.4	GREENHORN
6315.0	6577.4	GRANEROS
6374.0	6636.4	TWO WELLS
6439.0	6701.4	PAGUATE
6490.0	6752.4	CUBERO
6553.0	6815.4	ENCINAL







BURLINGTON
RESOURCES

Multi-Point Surface Use Plan for Jernigan 3B

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. No 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/Basin MC well location site is Unit H (SENE), 1920' FNL & 1110' FEL, Sec. 24, T27N, R9W, 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. - Enterprise Field Service will be the gas transporter for this well. A 4-1/2" OD buried steel pipeline that is approx. 44' in length of all is on Tribal Surface. Burlington Resources wishes to use the BLM APD/ROW process for the pipeline on BLM. 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 Huerfano Unit Water Well #1 located SE Section 13, T-26-N,R-10-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 ¾" rock or ¾" 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 us 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 Tribal surface. The Navajo Allotted has mineral jurisdiction on this project.

12. Other Information

1. The onsite for the proposed project was conducted on 09/28/2011 with Dickson Sandoval from the Tribal as lead.
2. No invasive weeds were identified in the proposed project area.
3. La Plata Archaeological Consultants conducted the Archaeological Survey Report #2011-13o 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. Drainage and Ditch Design: Ditch at top of slope
    b. Re-vegetation of disturbed areas: contour, rip, disk, reseed
    c. Culverts and/or Bridges: Rolling water bar at entrance
    d. Storage of topsoil: Top of 6" of soil stacked between #2 and #6; #2 and #3
    e. Trees/Firewood: Mow sage and incorporate into topsoil
    f. Incorporate Slash in Fill: Yes
    g. EA Writer: Adkins
7. Onsite Remarks:
    a. Mow sage and incorporate into topsoil
    b. Re-establish silt trap at corner #6
    c. Lower existing well pad to make fill
    d. Move fence to North side of well pad
    e. Berm at tope of slope between #2 and #3; draining around corner #2
    f. No topsoil stacked between B' and corner #4
    g. Juniper Green paint
    h. Fence will re-route around new part of well pad

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 22nd day of March, 2012.

Arleen Kellywood

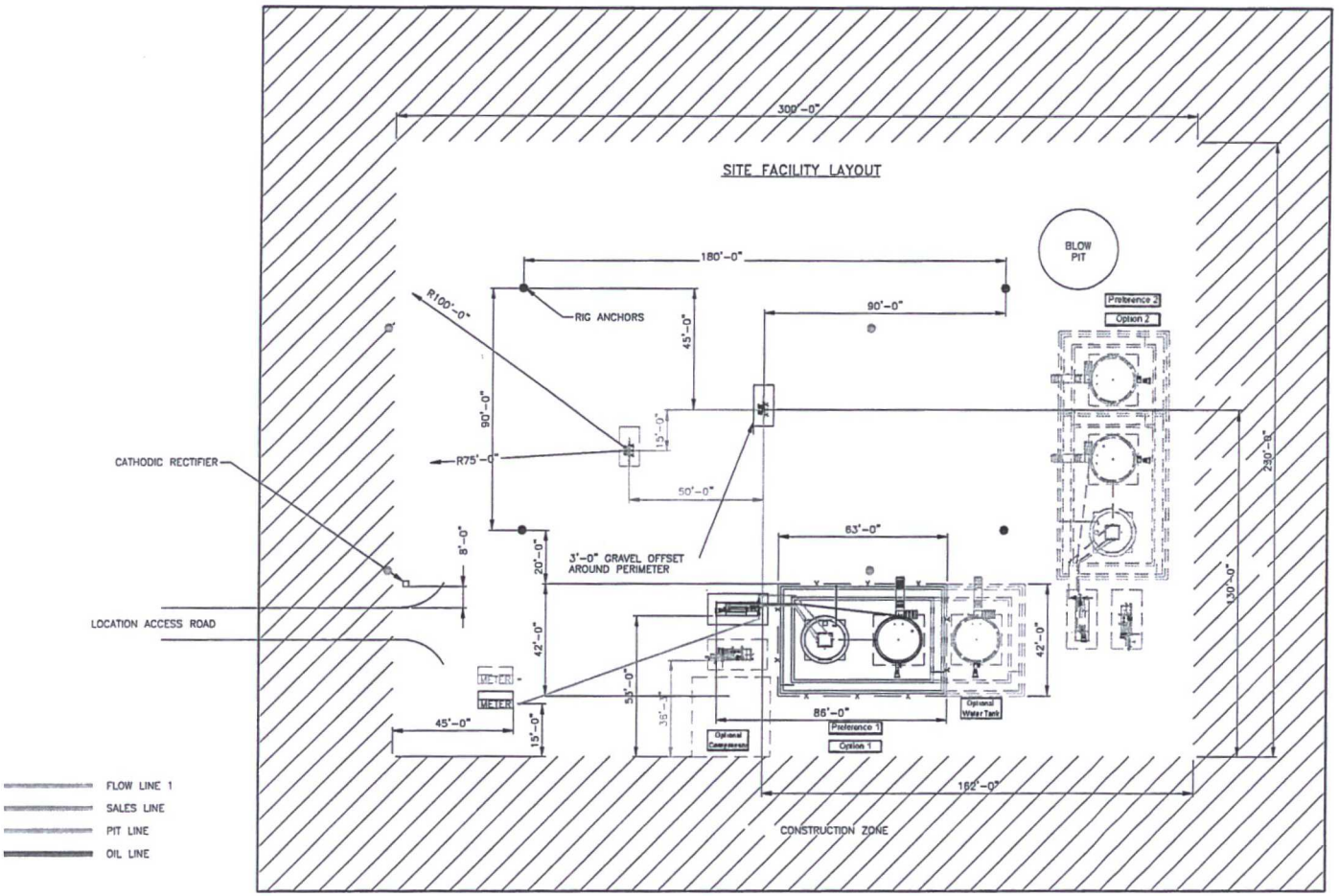
Arleen Kellywood
Staff Regulatory Technician
On behalf of Kristy Robinson and Doug Elston

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

Kristy Robinson,
Regulatory Supervisor
ConocoPhillips Company
P.O. Box 4289
Farmington, NM 87499-4289
505-326-9739

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



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

SHEET 1 OF 5

NO.	DESCRIPTION	DATE	BY	CHK'D	ENG	DISC	PRJ
1							

ENGINEERING REVIEW		
DISCIPLINE	REVIEWED	DATE
PROCESS		
MECHANICAL		
PIPING		
ELECTRICAL		
I & C		
CIVIL/STRUCTURAL		
PROJECT		

REFERENCE DRAWINGS	
NO.	DESCRIPTION

ConocoPhillips

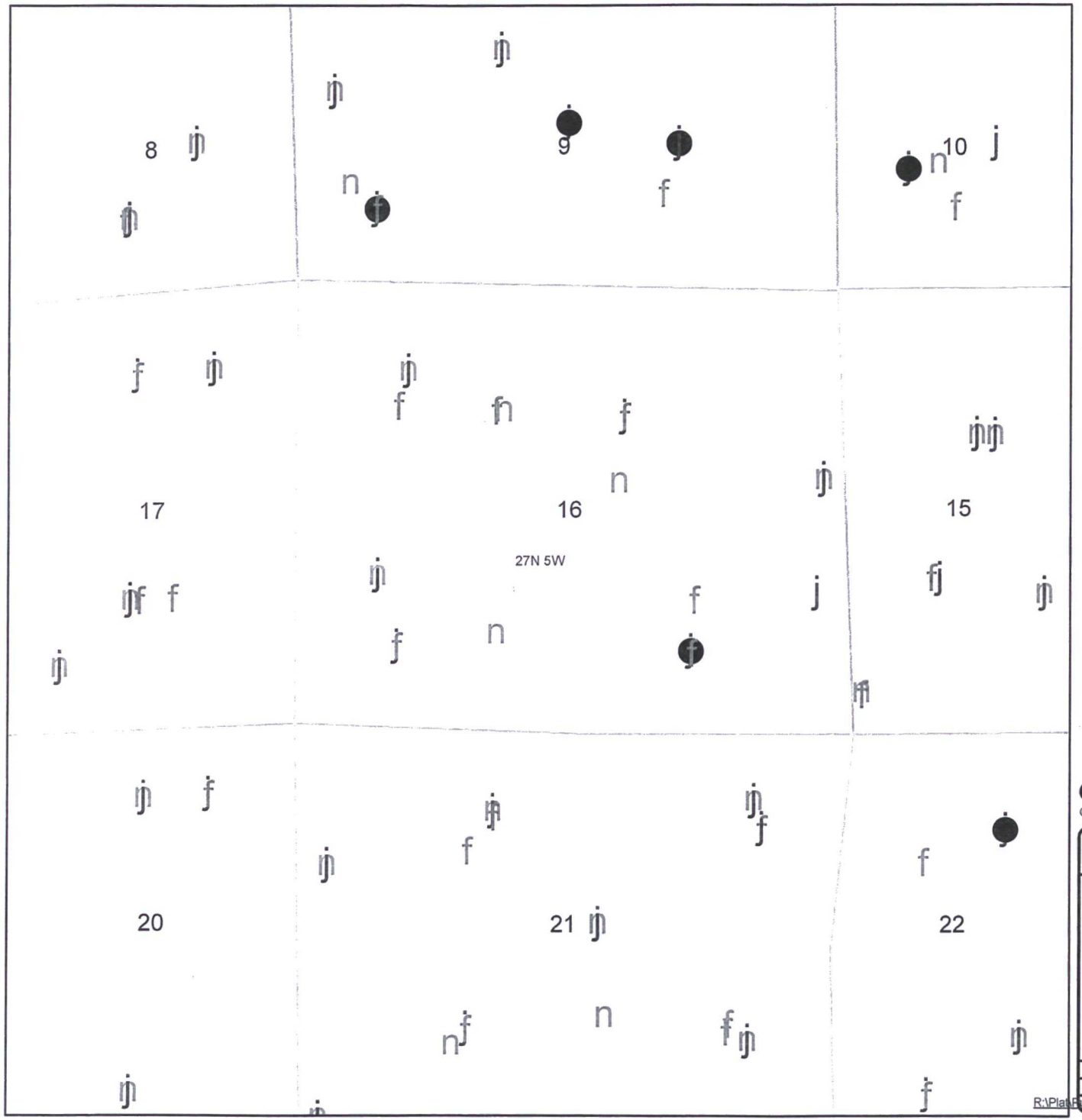
SAN JUAN BUSINESS UNIT

CONOCOPHILLIPS
HIGH PRESSURE 3 PHASE
FACILITY DIAGRAM- SITE LAYOUT

CLIENT No.:	CLIENT APPR.:	APPR. DATE:
DRAWN BY:	SCALE: NONE	CREATION DATE: 8/20/07
	DWG. No.: HP3PHASE-REV1	SHEET No.: 1 OF 5

gseeds, S:\gsDOC\gseeds EEF100\STD PRJ 005B ARCHIVES\GES_HP3phase-REV1_plt.dwg, 03/14/2012 - 12:26pm

SHEET 1 of 5, 3/14/2012 12:26:55 PM, gseeds



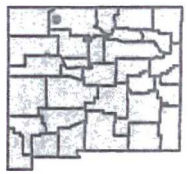
Legend

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

0 470 940 1,880 2,820 3,760 Feet

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

GCS North American 1927



ConocoPhillips

San Juan 27-5 Unit 177

Map 1A

Sec 16 T27N R5W

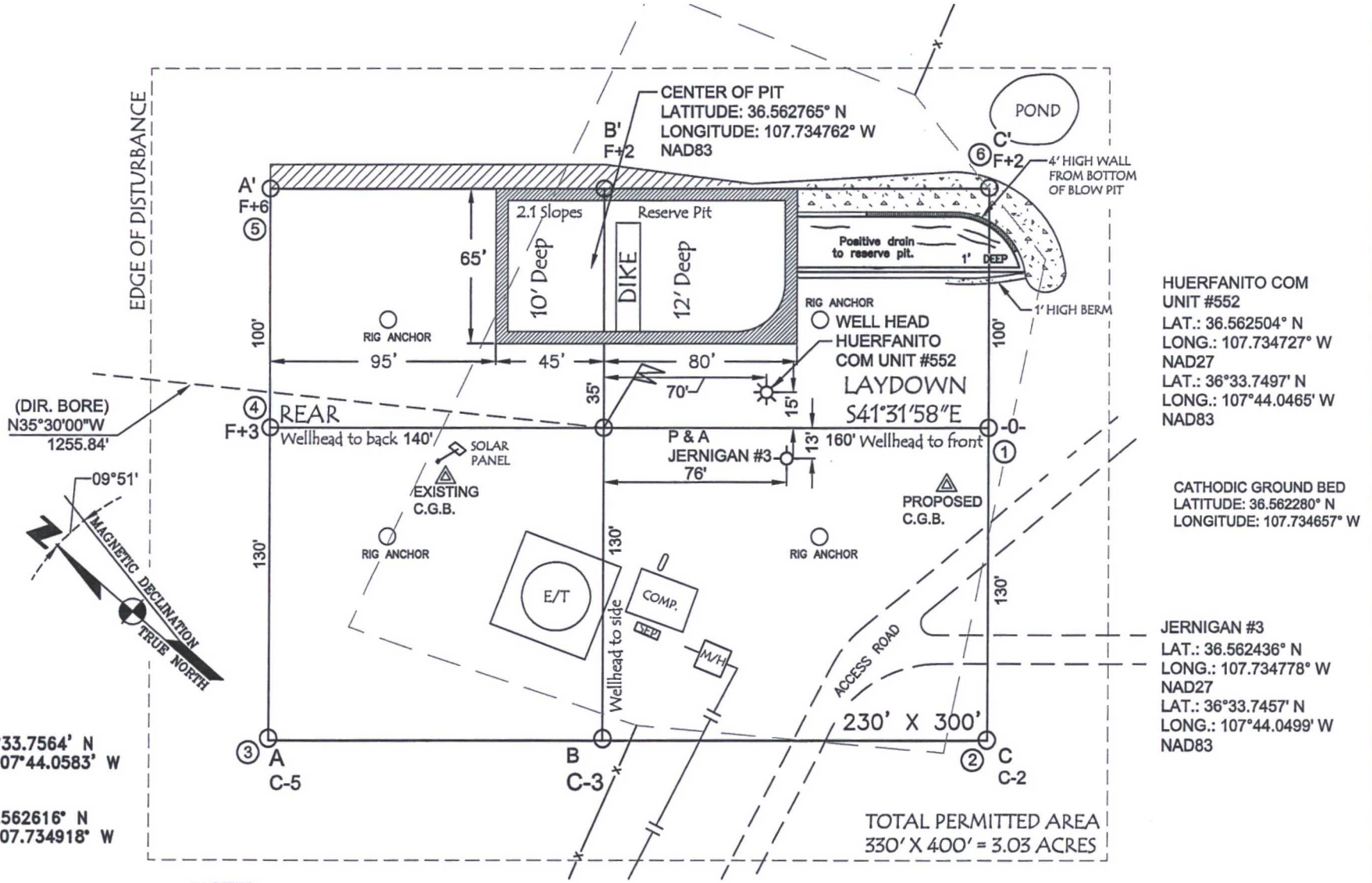
Author:	Date: 8/30/2007
Compiled by:	Scale: <Scale>
Map Path: R:\Plat\Public\Projects\Map 1A_Regulatory\Map 1A.mxd	

BURLINGTON RESOURCES OIL & GAS COMPANY LP

JERNIGAN #3B, 1920' FNL & 1110' FEL

SECTION 24, T-27-N, R-9-W, NMPM, SAN JUAN COUNTY, NM

GROUND ELEVATION: 5990', DATE: APRIL 13, 2011



NOTES:

1. VECTOR SURVEYS 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 AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.
2. RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).

30' 0 30' 60'

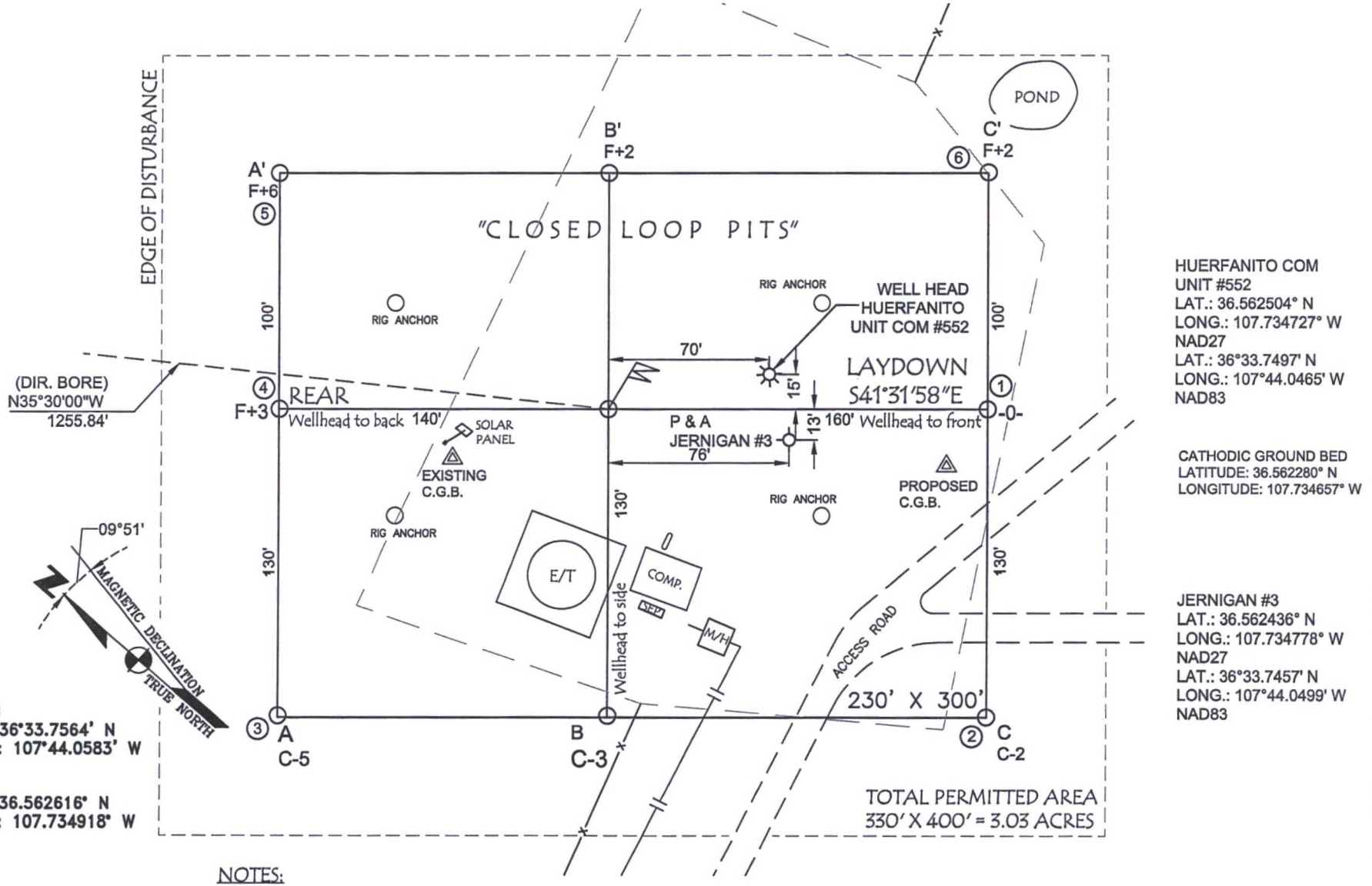
Scale: 1" = 60'

BURLINGTON RESOURCES OIL & GAS COMPANY LP

JERNIGAN #3B, 1920' FNL & 1110' FEL

SECTION 24, T-27-N, R-9-W, NMPM, SAN JUAN COUNTY, NM

GROUND ELEVATION: 5990', DATE: APRIL 13, 2011



HUERFANITO COM
UNIT #552
LAT.: 36.562504° N
LONG.: 107.734727° W
NAD27
LAT.: 36°33.7497' N
LONG.: 107°44.0465' W
NAD83

CATHODIC GROUND BED
LATITUDE: 36.562280° N
LONGITUDE: 107.734657° W

JERNIGAN #3
LAT.: 36.562436° N
LONG.: 107.734778° W
NAD27
LAT.: 36°33.7457' N
LONG.: 107°44.0499' W
NAD83

WELL FLAG
LATITUDE: 36°33.7564' N
LONGITUDE: 107°44.0583' W
NAD27

LATITUDE: 36.562616° N
LONGITUDE: 107.734918° W
NAD83

NOTES:

1. VECTOR SURVEYS 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 AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.
2. RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).

30' 0 30' 60'

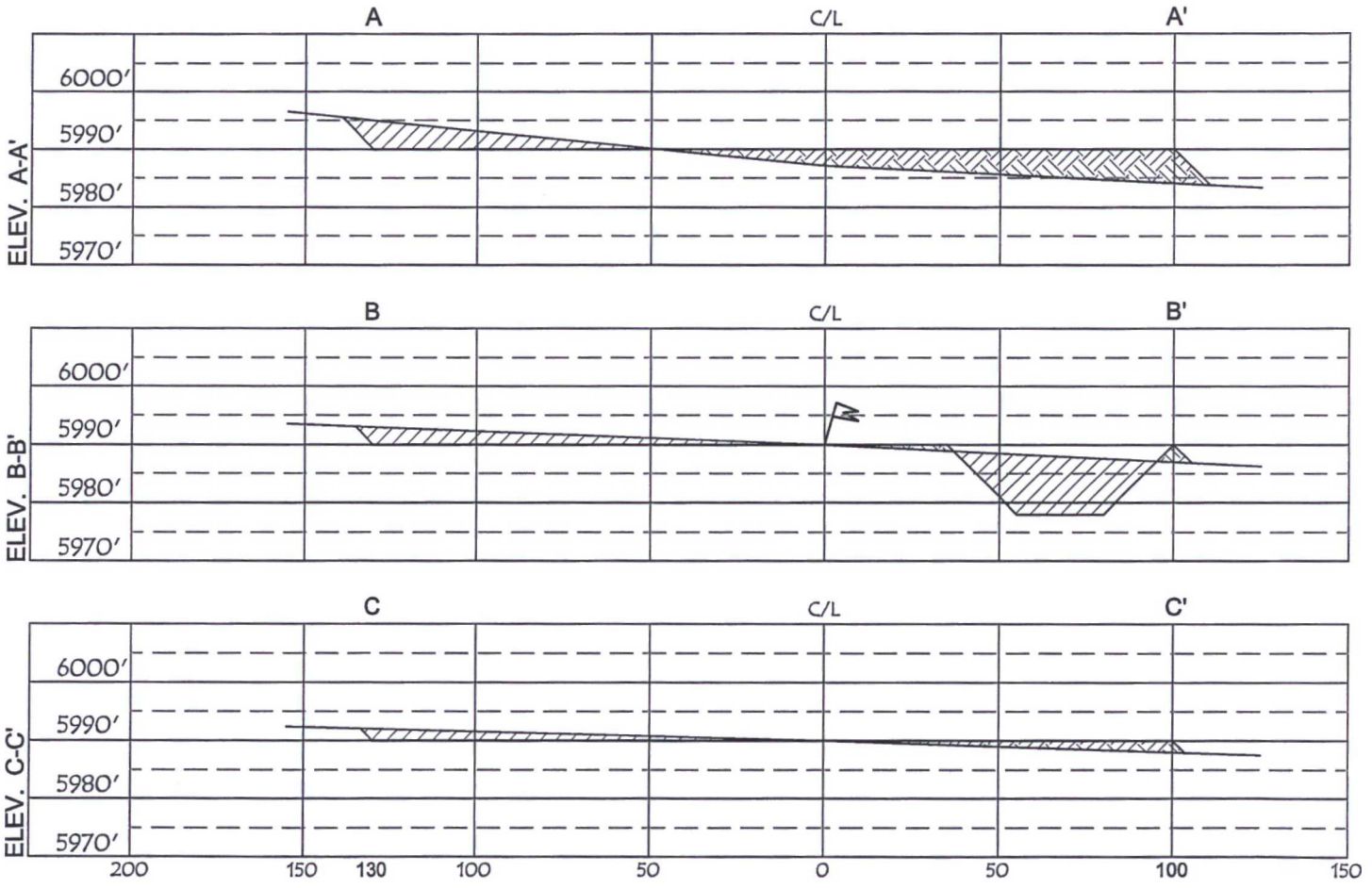
Scale: 1" = 60'

BURLINGTON RESOURCES OIL & GAS COMPANY LP

JERNIGAN #3B, 1920' FNL & 1110' FEL

SECTION 24, T-27-N, R-9-W, NMPM, SAN JUAN COUNTY, NM

GROUND ELEVATION: 5990', DATE: APRIL 13, 2011



HORIZ. SCALE: 1" = 50'
VERT. SCALE: 1" = 30'

NOTE:

VECTOR SURVEYS 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 AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

Directions from the Intersection of Hwy 550 and Hwy 64
in Bloomfield, NM
To:

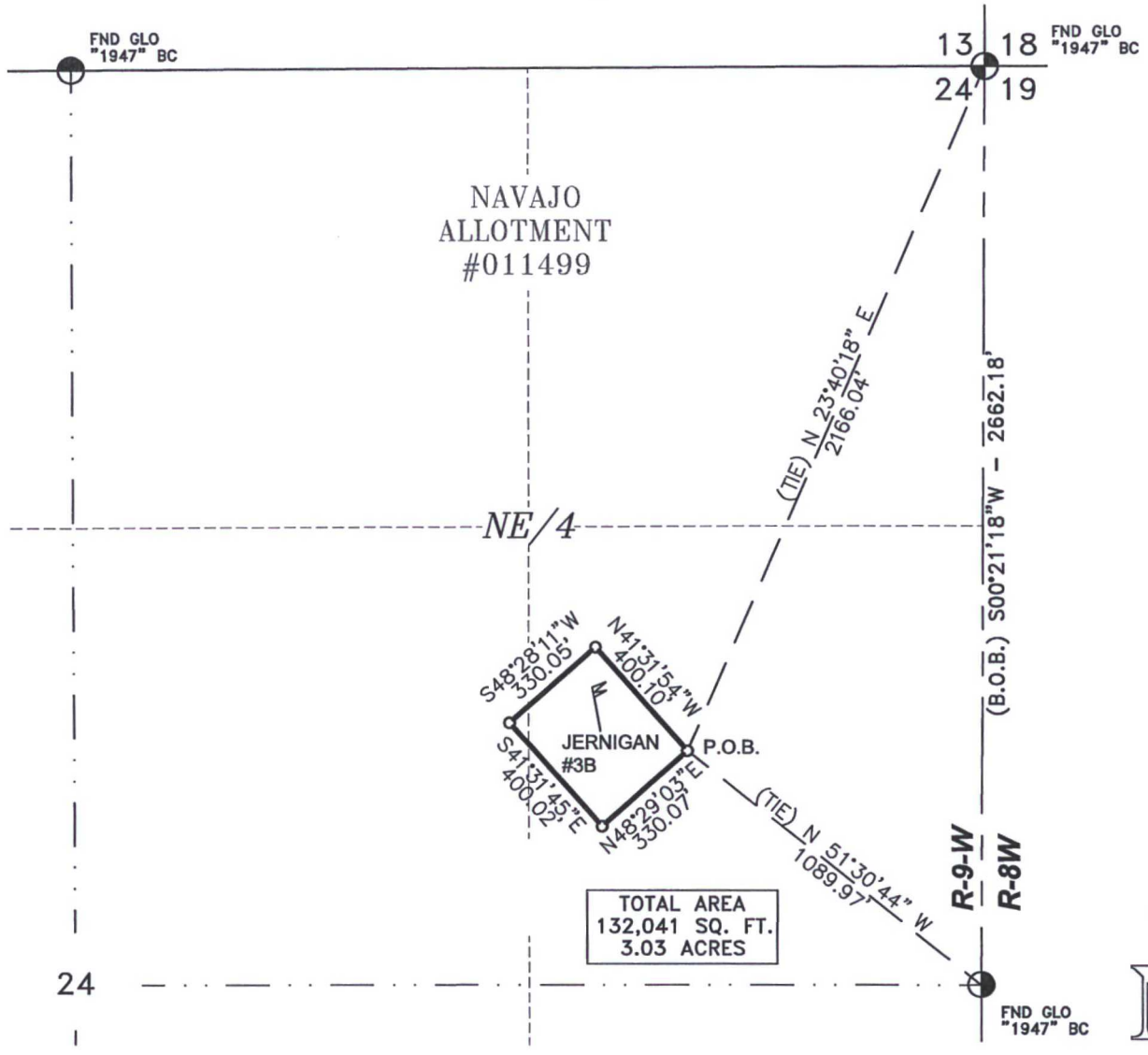
Burlington Resources Oil & Gas Company LP
JERNIGAN #3B
1920' FNL & 1110' FEL,
Section 24, T27N, R9W, N.M.P.M., San Juan County,
New Mexico
Latitude: 36° 33' 45.418" N
Longitude: 107° 44' 05.704" W
Nad 1983

From the Intersection of Hwy 550 and Hwy 64,
Take Hwy 550 (south) for 15.8 miles to CR 7225,
Turn left (east) on CR 7225 for 4.5 miles,
Turn right (easterly) for 4.2 miles,
Turn right (southerly) 0.1 miles,
Turn left (easterly) 2.4 miles,
Turn left (northerly) on CR 7007 for 3.2 miles,
Turn right (easterly) 300' to newly staked location,
Twinned on existing well pad, Huerfanito Unit Com #552.

A METES AND BOUNDS SURVEY ON NAVAJO TRIBAL LANDS
FOR

BURLINGTON RESOURCES OIL AND GAS COMPANY LP
PROPOSED JERNIGAN #3B WELL LOCATION

S/2 NE/4 SEC. 24, TOWNSHIP 27 NORTH, RANGE 9 WEST, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO



NOTES:

1.) BASIS OF BEARING: BETWEEN FOUND MONUMENTS AT THE NORTHEAST CORNER AND THE EAST QUARTER CORNER OF SECTION 24, TOWNSHIP 27 NORTH, RANGE 9 WEST, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO. LINE BEARS S00°21'18"W A DISTANCE OF 2662.18 FEET AS MEASURED BY G.P.S. LOCAL GRID NAD83.

2.) 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 2 WORKING DAYS PRIOR TO CONSTRUCTION.

LEGEND:

O SET PIN 1/2" REBAR WITH PLASTIC CAP NMPLS #15703

I, GLEN W. 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.

GLEN W. RUSSELL — DATE JULY 12, 2011

GLEN W. RUSSELL, PLS
NEW MEXICO L.S. #15703

GLEN W. RUSSELL — NEW MEXICO — 15703 — LICENSED PROFESSIONAL SURVEYOR

DATE OF SURVEY:	5/31/11	DRAWN BY:	7/6/11
SURVEY CREW:	JPB	DATE:	TD
REV. 1			
REV. 2			

VECTOR SURVEYS, LLC
Professional Land Surveys, Mapping,
GPS Surveys & Oil Field Services
122 N. Wall Avenue, Farmington, NM 87401
Phone (505) 564-3445 or 320-9595
E-Mail: vectorgr001@msn.com

WORK ORDER NO.:	BROG727	CAD FILE:	BROG727

JERNIGAN #3B

A METES & BOUNDS DESCRIPTION FOR BURLINGTON RESOURCES OIL & GAS COMPANY LP LOCATED IN THE

NE ¼ Section 24, T-27-N, R-9-W, N.M.P.M., San Juan County, New Mexico

A Tract of land, located on Navajo Allotment No. 011499, in the Northeast Quarter of Section 24, T-27-N, R-9-W, of the New Mexico Principal Meridian, San Juan County, State of New Mexico. Being more particularly described as follows;

BEGINNING at a point located in the NE ¼ of said section 24, being the "TRUE POINT OF BEGINNING", said point bears S23°40'18"W, a distance of 2166.04 feet from the Northeast corner of said Section 24,

THENCE	N41°31'54"W	a distance of	400.10	feet,
THENCE	S48°28'11"W	a distance of	330.05	feet,
THENCE	S41°31'45"E	a distance of	400.02	feet,
THENCE	N48°29'03"E	a distance of	330.07	feet,

to the **"TRUE POINT OF BEGINNNING"** for this description.

THIS TRACT CONTAINS 132,041 square feet or 3.03 acres +/- .

Glen W Russell 7-12-2011

GLEN W RUSSELL, L.S. NO. 15703 DATE

BASIS OF BEARINGS: Between found monuments at the Northeast corner and the East Quarter corner of Section 24, T27N, R9W, N.M.P.M., San Juan County, New Mexico. Said line bears S00°21'18" W a distance of 2662.18 feet, as measured by GPS.

C:\BROG 11\JERNIGAN #3B\PDF\JERNIGAN #3B_SEC24_LEGAL.doc