

DATE IN <u>11/5/09</u>	SUSPENSE	ENGINEER <u>Brooks</u>	LOGGED IN <u>11/5/09</u>	TYPE <u>NSL</u>	PTG-W APP NO. <u>0930938305</u>
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



Burlington Res.
San Juan 274 #35C

ADMINISTRATIVE APPLICATION CHECKLIST

6113

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or X Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
[B] ☐ Offset Operators, Leaseholders or Surface Owner
[C] ☐ Application is One Which Requires Published Legal Notice
[D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Patsy Clugston

Print or Type Name

Signature

Sr. Regulatory Specialist

Title

11/4/09

Date

clugsp1@conocophillips.com
e-mail Address

2009 NOV - 5 A 11: 06
RECEIVED OGD

Burlington Resources Oil & Gas Company, LP

P.O. Box 4289
Farmington, NM 87499

Sent Federal Express

November 2, 2009

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87504

Re: San Juan 27-4 #35C
Surface Location - Unit D (NWNW), 1080' FNL & 1025' FWL, Sec. 26, T27N, R4W
Bottomhole location - Unit C (NENW), 715' FNL & 2010' FWL, Sec. 26, T27N, R4W
Rio Arriba Co, NM, API- 30-039-30413

Dear Sirs:

Burlington Resources has drilled the subject well at the reference surface location as a Basin Dakota and Blanco Mesaverde commingled well and we are applying for administrative approval of an unorthodox gas well location for the DK formation.

The well is located in Carson National Forest and we are required to twin locations as much as possible to avoid surface disturbance. Because it is a twinned location we had to drill directionally to get the well in the allowable quarter/quarter section. The subject well was staked 1080' FNL & 1025' FWL, Sec. 26, T27N, R4W and was directionally drilled with a targeted bottomhole location that was thought to be standard, but wasn't. The section is slightly irregular and we were concentrating on making sure that we didn't encroach on the north line of the section and then missed the half section line by approx. 59', resulting in this well being non-standard for the Dakota. The NMOCD office in Aztec caught our mistake and advised that the Dakota interval was NSL.

The bottomhole location is standard for the Mesaverde as per Order R-10987-A (1), but non-standard for the Basin Dakota per Order - R10987 B (2) since the entire section is not in the Participating Area (PA). To comply with the New Mexico Oil Conservation Division rules, we are submitting the following for your approval of this non-standard:

- Approved application for Permit to Drill and C102 at referenced location
- Offset operator plat
- 9 section plat
- Topography plat of Section 26
- Gyro Survey that shows how much the well deviated

Production from the Basin Dakota is included in the 320.0 acre gas spacing unit, the west half dedication of Section 26, T27N, R04W. Burlington Resources is the Operator of the affection proration units and owns 100% of the WI in the Dakota formation in these proration units so no notification is required. Please let me know if you have any questions about this application at 505-326-9518.

Sincerely Yours


Patsy Clugston
Regulatory Specialist

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM'S APPROVAL OR ACCEPTANCE OF THIS
ACTION DOES NOT RELIEVE THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATION
ON FEDERAL AND INDIAN LANDS

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA SF-079527 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name San Juan 27-4 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 9. Well Number #35C	
4. Location of Well Surf:Unit D (NWNW), 1080' FNL & 1025' FWL, BH:Unit C (NENW), 770' FNL & 1980' FWL Surf:Latitude 36.548581 N Longitude 107.226170 W BH:Latitude 36.549490 N Longitude 107.222864 W	10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 26, T27N, R4W API # 30-039-30413	
14. Distance in Miles from Nearest Town 57.2 miles/Bloomfield	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 770'	17. Acres Assigned to Well MV/DK 320 - (W/2)	
16. Acres in Lease 1280.000	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 370' from San Juan 27-4 62	
19. Proposed Depth 8541 TVD 8721 TMD	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6712' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
Authorized by: <u>Sasha Spangler</u> Sasha Spangler (Regulatory Technician)		<u>10-26-07</u> Date

APPROVAL DATE
9/10/08
TITLE AFM
DATE 9/10/08

Species Report attached
of U.S. BLM Form 3160-3

It is a crime for any person knowingly and willfully to make to any department or agency of the
or fraudulent statements or presentations as to any matter within its jurisdiction.

an Type 3

Bond Numbers NMB-000015 and NMB-000089

subject to technical and
review pursuant to 43 CFR 3165.3
and pursuant to 43 CFR 3165.4

OPERATOR

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

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87503

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87503

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OCT 26 2007

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLATE
Office of Land Management
Farmington, NM

¹ API Number 30-039-	² Pool Code 72319/71599	³ Pool Name Blanco Mesaverde/Basin Dakota
⁴ Property Code 7452	⁵ Property Name SAN JUAN 27-4 UNIT	
⁶ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY	⁷ Well Number 35C
		⁹ Elevation 7254

SURFACE LOCATION

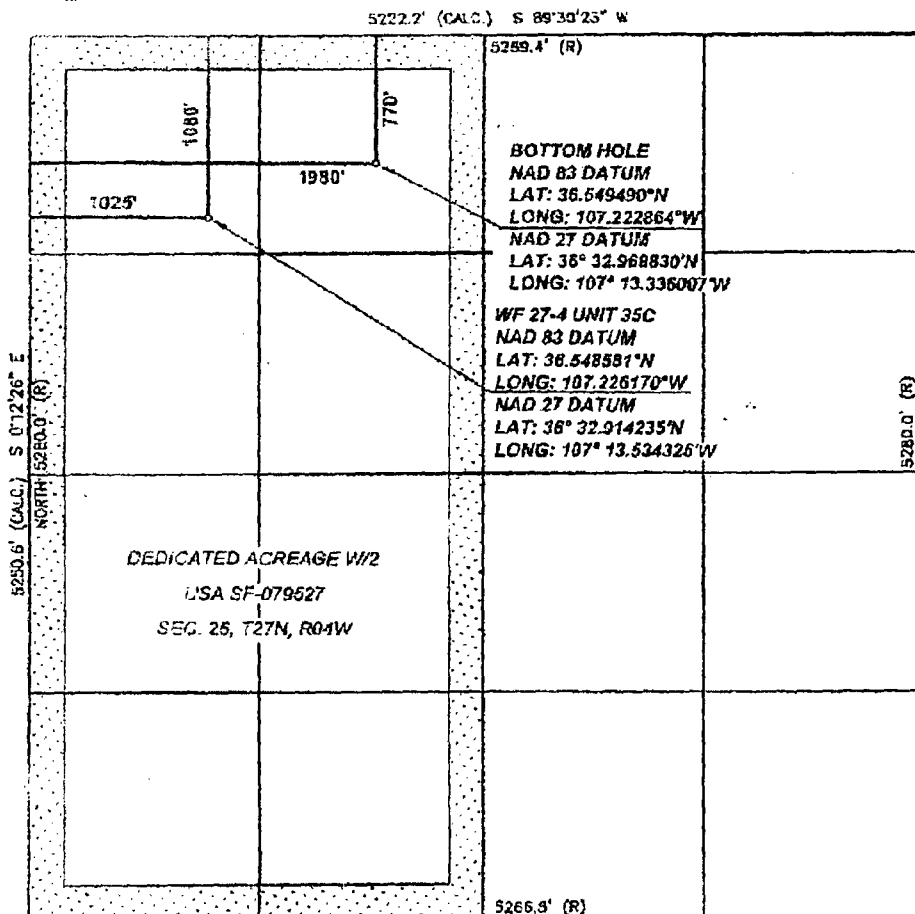
UL or lot no. D	Section 28	Township 27N	Range 04W	Lot Idn	Feet from the 1080	North/South line NORTH	Feet from the 1025	East/West line WEST	County RIO ARriba
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Bottom Hole Location If Different From Surface

UL or lot no. C	Section 28	Township 27N	Range 04W	Lot Idn	Feet from the 770	North/South line NORTH	Feet from the 1980	East/West line WEST	County RIO ARriba
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¹² Dedicated Acres 320 W/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

**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 holds a 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 as a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Kandis Roland
Signature

Kandis Roland
Printed Name

Regulatory Technician
Title and E-mail Address

6/21/07
Date

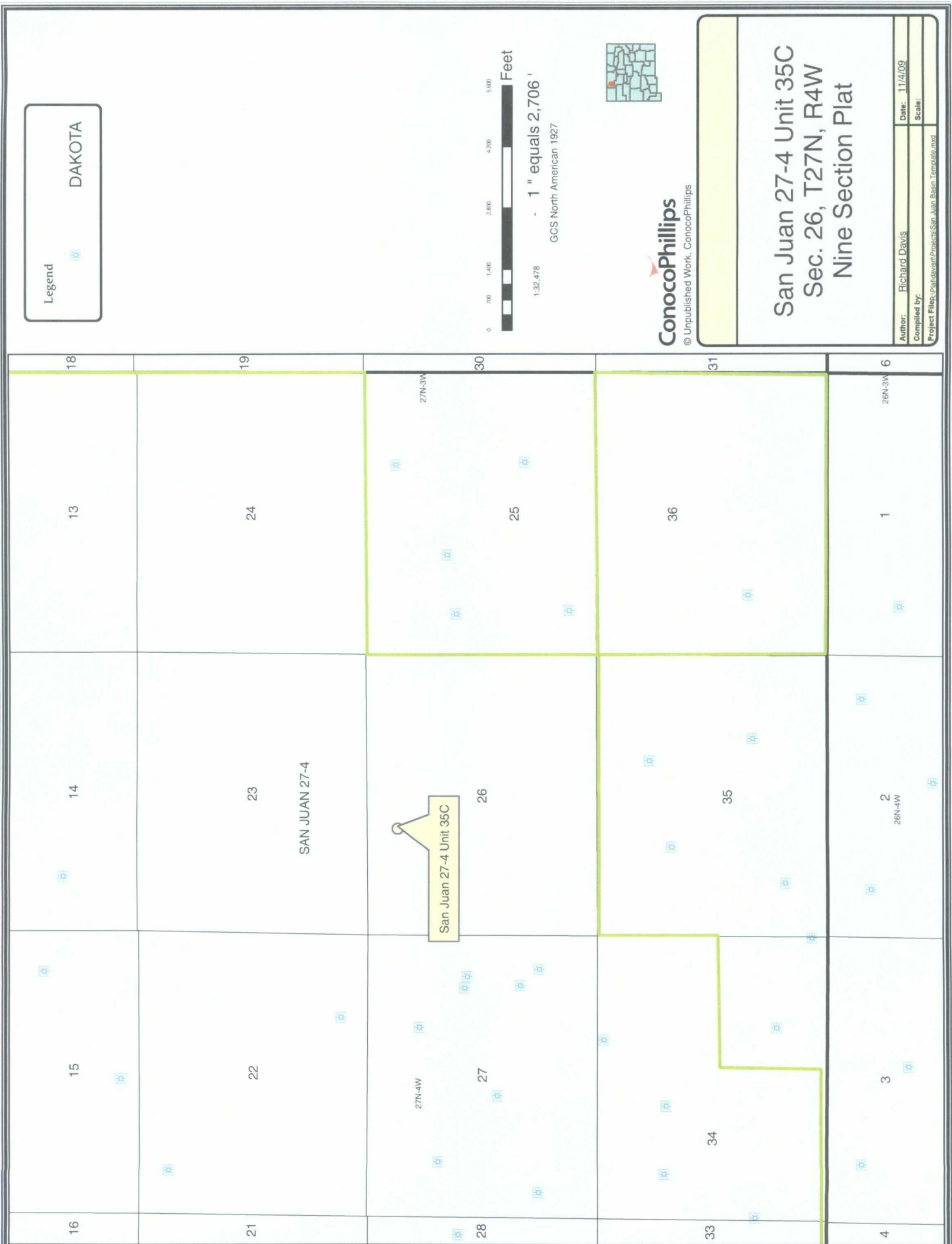
18 SURVEYOR CERTIFICATION

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

Date of Survey: 4/2/07
Signature and Seal of Professional Surveyor



Certificate Number: NM 11393



Legend

DAKOTA

0 700 1,400 2,800 4,200 5,600 Feet

1:32,478 - 1" equals 2,706'

GCS North American 1927

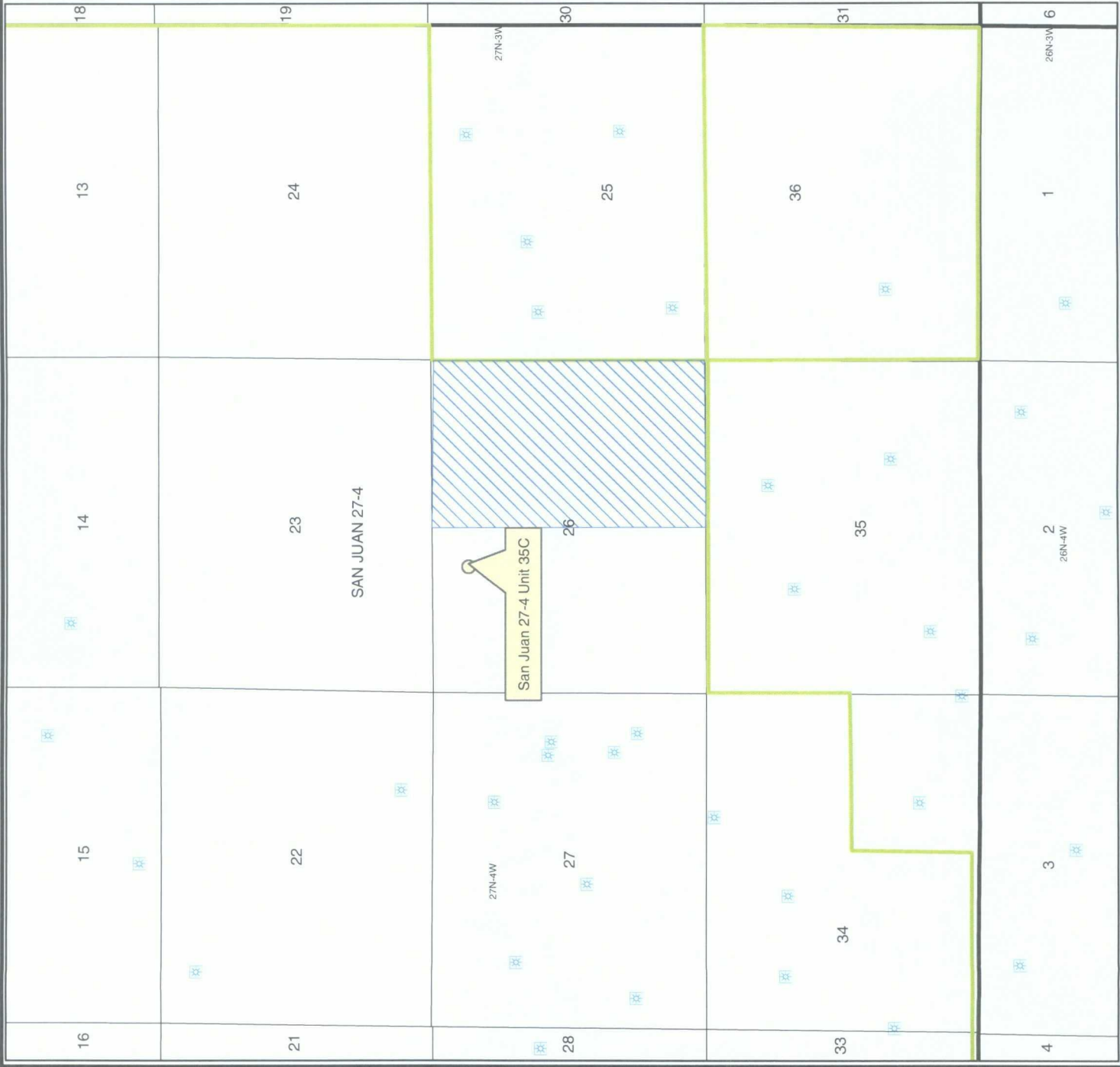


ConocoPhillips

© Unpublished Work, ConocoPhillips

San Juan 27-4 Unit 35C
Sec. 26, T27N, R4W
Nine Section Plat

Author:	Richard Davis	Date:	11/4/09
Compiled by:		Scale:	
Project File: P:\Unpublished Projects\San Juan Basin Template.mxd			



Legend

Offset Dakota Drill Block.shp
DAKOTA

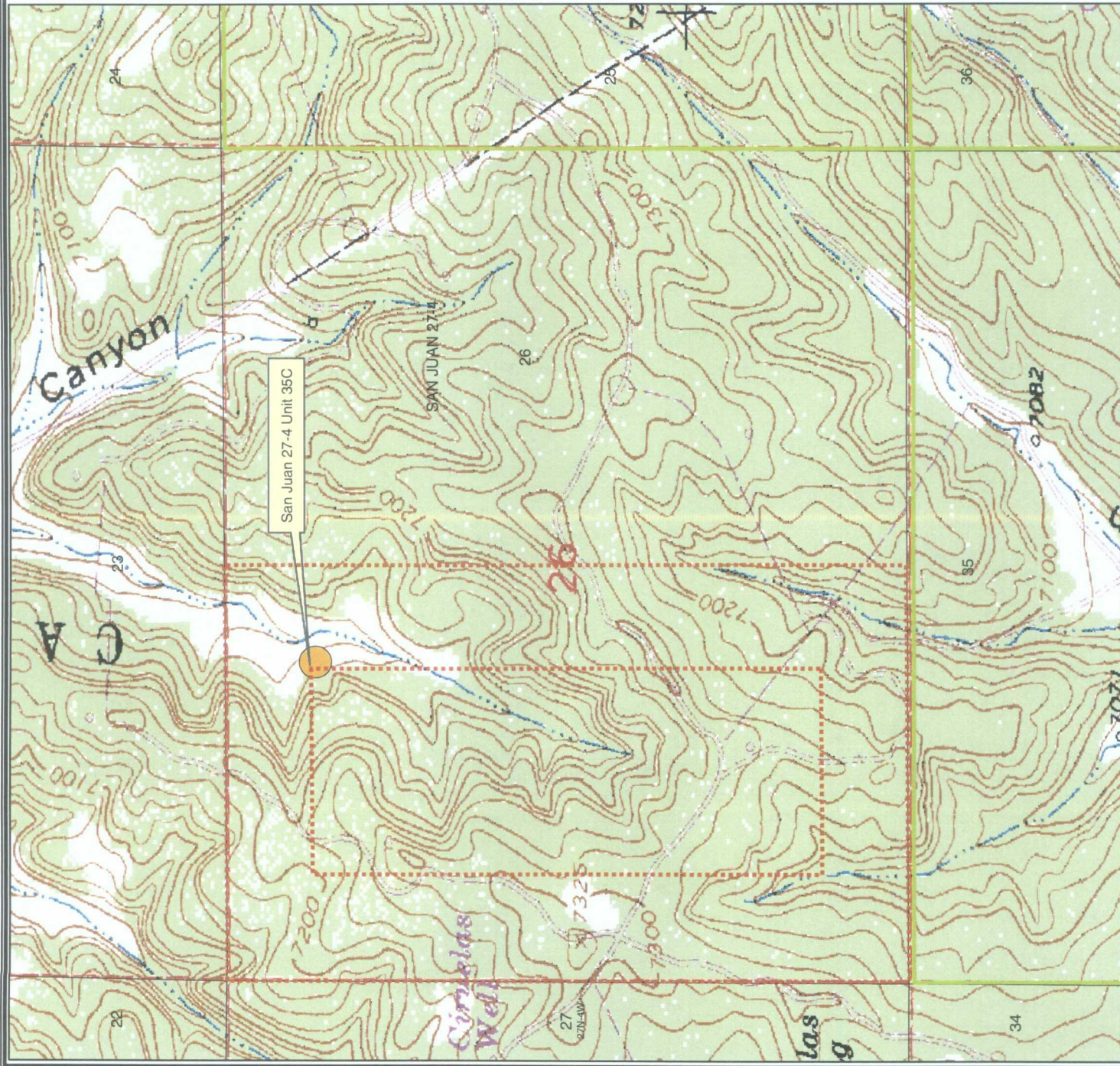
Offset Operator:
Burlington Resources
100% BR owned



ConocoPhillips
© Unpublished Work, ConocoPhillips

San Juan 27-4 Unit 35C Sec. 26, T27N, R4W Offset Operator Map

Author: Richard Davis	Date: 11/4/09
Compiled by:	Scale:
Project Files: \Projects\San Juan Basin Template.mxd	



Legend

San Juan 27-4 Unit 35C.shp
DAKOTA

660' Setback

0 285 570 1140 2280 Feet

1:113,038 - 1" equals 1,087'
GCS North American 1927



ConocoPhillips
© Unpublished Work, ConocoPhillips

San Juan 27-4 Unit 35C
Sec. 26, T27N, R4W
715' FNL, 2010' FWL
Topography Map

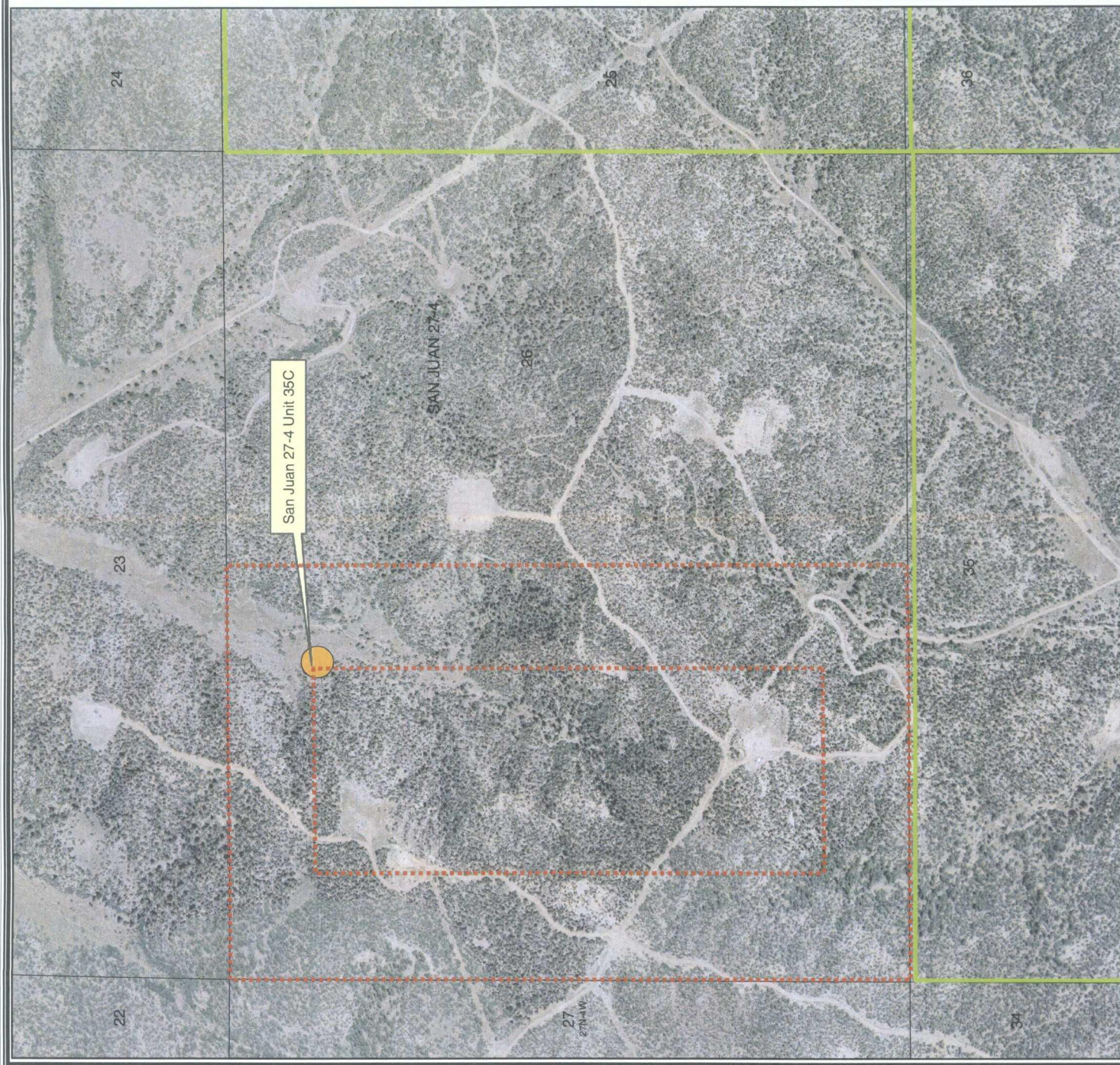
Author: Richard Davis

Date: 11/4/09

Compiled by:

Scale:

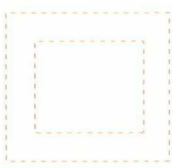
Project File: p:\unpublished\Process\San_Juan_EB\San_Juan_Topology.mxd



Legend

San Juan 27-4 Unit 35C.shp

DAKOTA



660' Setback

0 265 570 1140 1710 2280

Feet

1:13,038

1" equals 1,087'

GCS North American 1927



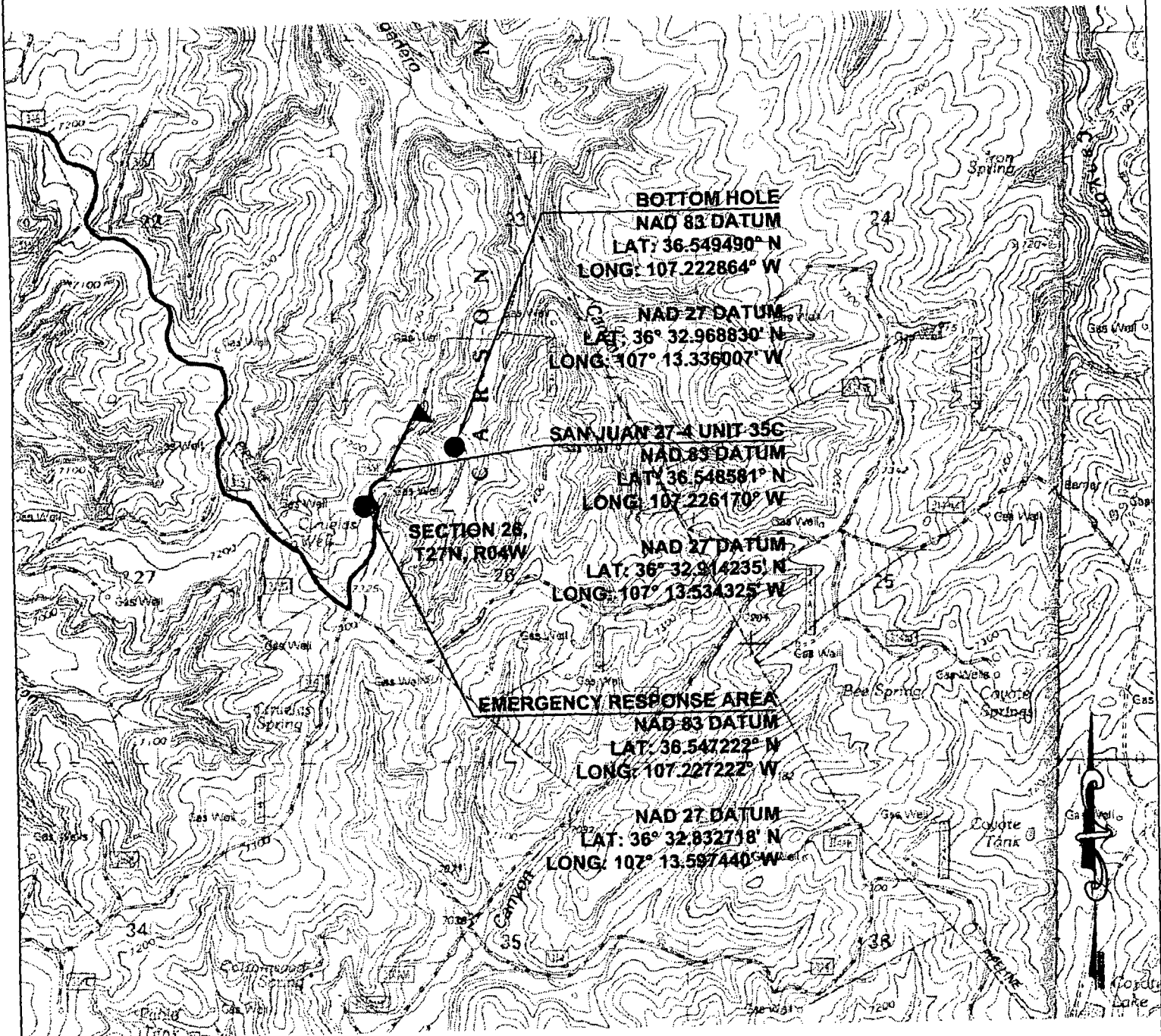
ConocoPhillips
© Unpublished Work, ConocoPhillips

San Juan 27-4 Unit 35C
Sec. 26, T27N, R4W
715' FNL, 2010' FWL
Aerial Map

Author:	Richard Davis	Date:	11/4/09
Compiled by:		Scale:	
Project File: P:\ddavis\Projects\San Juan Basin Template.mxd			

BURLINGTON RESOURCES OIL AND GAS COMPANY

SAN JUAN 27-4 UNIT 35C
1080' FNL, 1025' FWL
SEC. 26, T27N, R04W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO
ELEV.: 7254 NAVD88
NO NEW ACCESS ROAD



NOTE:

REVISIONS

NO.	DESCRIPTION	REVISED BY	DATE
1	ISSUE FOR REVIEW	L.H.	4/2/07

CCI

P.O. BOX 328
BLOOMFIELD, NM, 87413
PHONE: (505)325-7707

CHENAULT CONSULTING INC.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

SF-079527

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 27-4 Unit

8. FARM OR LEASE NAME, WELL NO.

35C

9. API WELL NO.

30-039-30413

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 26, T27N, R4W

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐

2. NAME OF OPERATOR

Burlington Resources Oil & Gas Company

3. ADDRESS AND TELEPHONE NO.

PO BOX 4289, Farmington, NM 87499 (505) 326-9700

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface D (NWNW), 1080' FNL & 1025' FWL

At top prod. interval reported below C (NENW), 715' FNL & 2010' FWL

At total depth C (NENW), 715' FNL & 2010' FWL

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUNDED

08/08/2009

16. DATE T.D. REACHED

8/17/2009

17. DATE COMPL. (Ready to prod.)

10/14/2009

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)*

GL 7254' KB 7270'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

MD 8702' TVD 8539'

21. PLUG BACK T.D., MD & TVD

MD 8700' TVD 8537'

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*

Blanco Mesaverde 6210' - 6768'

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CBL

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8" / H-40	32.3#	239'	12 1/4"	Surface, 190sx (242cf-43bbbls)	20 bbbls
7" / J-55	23#	4529'	8 3/4"	Surface, ST@3771', 650sx(1329cf-237bbbls)	61 bbbls
4 1/2" / L-80 & J-55	11.6#	8701'	6 1/4"	TOC@2100', 310sx(621cf-111bbbls)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8", 4.7#, L-80	8612'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Point Lookout w/ .34" diam.

1SPF @ 6210' - 6768' = 25 Holes

Mesaverde Total Holes = 25

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

6210' - 6768'

Acidize w/ 10bbbls 15% HCL. Frac w/ 50,526gals 60% SilckWater w/ 101,620# 20/40 Brady Sand. N2:1,261,600SCF.

33.

PRODUCTION

DATE FIRST PRODUCTION

N/A

PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)

FLOWING

WELL STATUS (Producing or shut-in)

SI

DATE OF TEST

10/07/2009

HOURS TESTED

1 hr.

CHOKE SIZE

1/2"

PROD'N FOR TEST PERIOD

OIL-BBL

0

GAS-MCF

72 mcf/h

WATER-BBL

trace

GAS-OIL RATIO

FLOW. TUBING PRESS.

SI - 610psi

CASING PRESSURE

SI - 677psi

CALCULATED 24-HOUR RATE

OIL-BBL

0

GAS-MCF

1720 mcf/d

WATER-BBL

trace

OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

This is going to be a Basin Dakota/Blanco Mesa Verde well being DHC per order # 3030AZ

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Catalina Tapia

TITLE

Regulatory Technician

DATE

10/28/2009

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

SF-079527

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 27-4 Unit

8. FARM OR LEASE NAME, WELL NO.

35C

9. API WELL NO.

30-039-30413

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 26, T27N, R4W

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐

2. NAME OF OPERATOR

Burlington Resources Oil & Gas Company

3. ADDRESS AND TELEPHONE NO.

PO BOX 4289, Farmington, NM 87499 (505) 326-9700

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface **D (NWNW), 1080' FNL & 1025' FWL**

At top prod. interval reported below **C (NENW), 715' FNL & 2010' FWL**

At total depth **C (NENW), 715' FNL & 2010' FWL**

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED

08/08/2009

16. DATE T.D. REACHED

8/17/2009

17. DATE COMPL. (Ready to prod.)

10/14/2009

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)*

GL 7254' KB 7270'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

MD 8702' TVD 8539'

21. PLUG, BACK T.D., MD & TVD

MD 8700' TVD 8537'

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*

Basin Dakota 8468' - 8642'

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CBL

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8" / H-40	32.3#	239'	12 1/4"	Surface, 190sx (242cf-43bbbls)	20 bbbls
7" / J-55	23#	4529'	8 3/4"	Surface, ST@3771', 650sx(1329cf-237bbbls)	61 bbbls
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29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8", 4.7#, L-80	8612'	

31. PERFORATION RECORD (Interval, size and number)

Dakota w/ .34" diam.

1SPF @ 8468' - 8579' = 28 Holes

2SPF @ 8590' - 8642' = 40 Holes

Dakota Total Holes = 68

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

8468' - 8642'

Acidize w/ 10bbbls 15% HCL. Frac w/ 100,254gals

SlickWater w/ 44,017# 20/40 TLC Sand.

33.

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)					WELL STATUS (Producing or shut-in)	
N/A		FLOWING					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL		GAS-OIL RATIO
10/14/2009	1 hr.	1/2"	→	0	28 mcf/h	trace		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL		OIL GRAVITY-API (CORR.)	
SI - 610psi	SI - 677psi	→	0	663 mcf/d	2 bwpd			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

This is going to be a Basin Dakota/Blanco Mesa Verde well being DHC per order # 3030AZ

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Crystal Tapaya

TITLE

Regulatory Technicaln

DATE

10/28/2009

(See Instructions and Spaces for Additional Data on Reverse Side)

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1301 W. Grand Avenue, Artesia, NM 88210

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1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

"AS DRILLED PLAT"

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30413		² Pool Code 71599 / 72319		³ Pool Name BASIN DAKOTA / MESAVERDE	
⁴ Property Code 7452		⁵ Property Name SAN JUAN 27-4 UNIT			⁶ Well Number 35C
⁷ OGRID No. 14538		⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY			⁹ Elevation 7254

¹⁰ SURFACE LOCATION

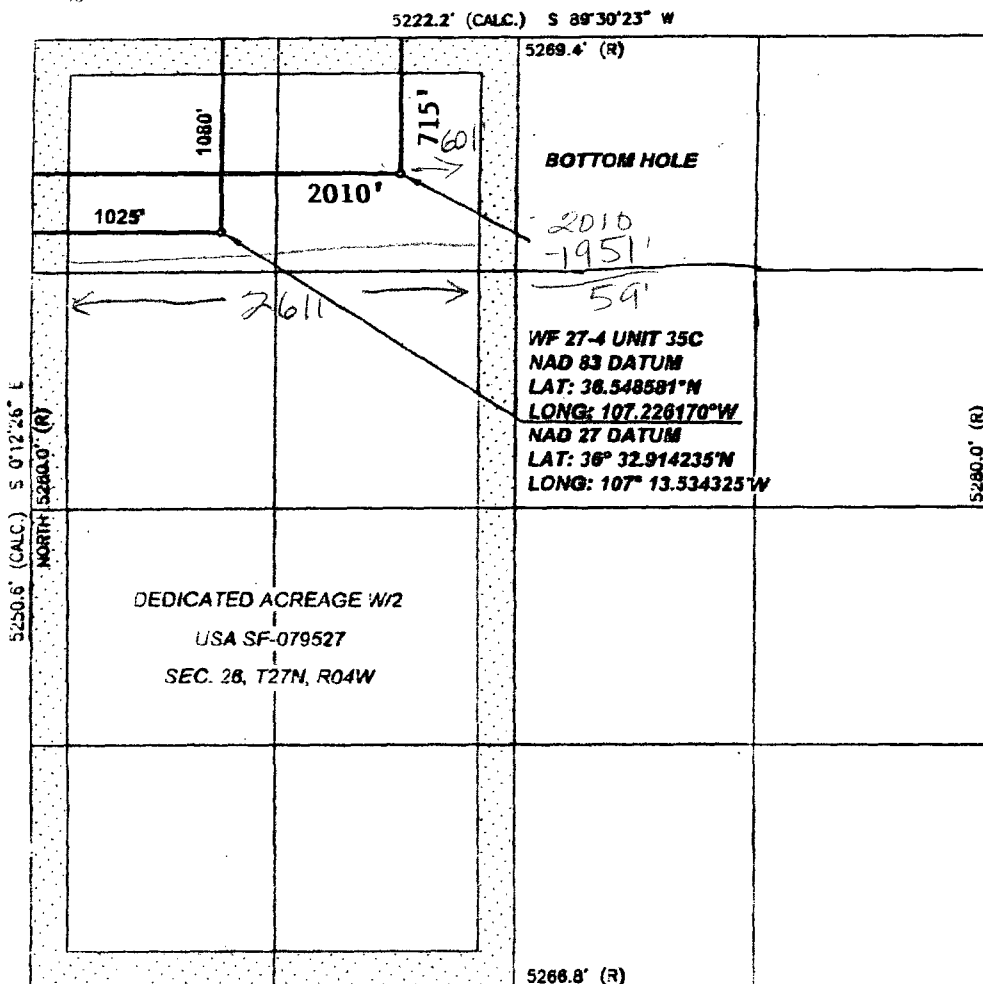
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
D	26	27N	04W		1080	NORTH	1025	WEST	RIO ARriba

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
C	26	27N	04W		715	NORTH	2010	WEST	RIO ARriba

¹² Dedicated Acres 320 (W/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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



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.

Crystal Tafoya 10/26/09
Signature

Crystal Tafoya
Printed Name

Regulatory Technician

Title and E-mail Address

October 26th, 2009
Date

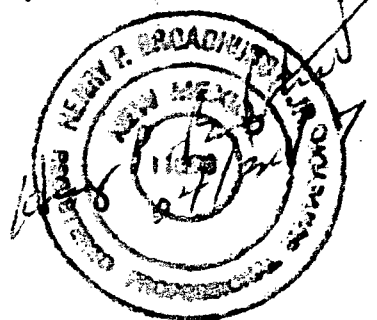
Date

18 SURVEYOR CERTIFICATION

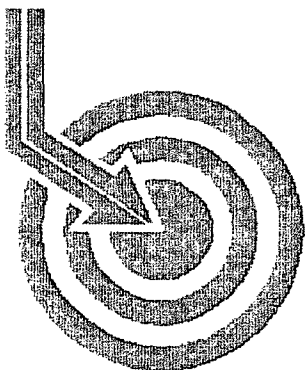
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: 4/2/07

Signature and Seal of Professional Surveyor



Certificate Number: NM 11393



Scientific Drilling

BURLINGTON RESOURCES

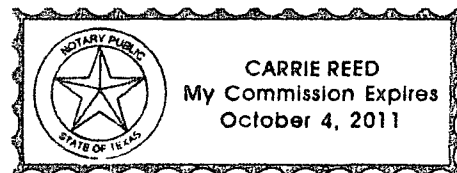
Field: San Juan
Site: SEC 26-T27N-R4W
Well: San Juan 27-4 #35C
Wellpath: DH - Job #33D0809139
Survey: 08/09/09-08/13/09

This survey is correct to the best of my knowledge
and is supported by actual field data.

Richard Company Representative

Notorized this date 22nd of September, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International

COP Survey Report

Company: BURLINGTON RESOURCES Date: 09/21/2009 Time: 12:28:01 Page: 1
 Field: San Juan Co-ordinate(NE) Reference: Site: SEC 26-T27N-R4W True North
 Site: SEC 26-T27N-R4W Vertical (TVD) Reference: SITE 0.0
 Well: San Juan 27-4 #35C Section (VS) Reference: Well (0.00N,0.00E,7.1-16Azi)
 Wellpath: DH - Job #33D0809139 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 08/09/09-08/13/09 Start Date: 08/09/2009
 E-field 0'-4491'
 Company: Scientific Drilling Internatio Engineer: Burrus/Webb/Wagner/Rogers/Rasm
 Tool: E-field;E-field Tied-to: From Surface

Site: SEC 26-T27N-R4W

Site Position: Northing: 2019492.33 ft Latitude: 36 32 54.854 N
 From: Map Easting: 678520.14 ft Longitude: 107 13 32.060 W
 Position Uncertainty: 0.00 ft North Reference: True
 Ground Level: 7254.00 ft Grid Convergence: 0.36 deg

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
268.00	0.48	53.71	268.00	1.07	0.66	0.90	0.18	1.12	53.71
299.00	0.60	52.75	299.00	1.35	0.84	1.14	0.39	1.41	53.60
329.00	0.62	45.88	328.99	1.64	1.05	1.38	0.25	1.73	52.80
360.00	0.71	49.88	359.99	1.98	1.29	1.65	0.33	2.09	51.98
391.00	1.25	83.14	390.99	2.48	1.45	2.13	2.46	2.58	55.71
421.00	2.02	99.71	420.97	3.27	1.40	2.98	2.99	3.29	64.77
452.00	2.79	110.73	451.95	4.33	1.04	4.22	2.89	4.35	76.12
483.00	3.45	113.80	482.90	5.60	0.40	5.78	2.20	5.79	86.05
514.00	4.07	113.20	513.83	7.10	-0.41	7.64	2.00	7.66	93.07
544.00	4.73	114.15	543.75	8.80	-1.34	9.75	2.21	9.84	97.80
575.00	5.27	113.26	574.63	10.79	-2.42	12.23	1.76	12.46	101.20
606.00	5.87	111.44	605.48	13.05	-3.56	15.01	2.02	15.43	103.35
636.00	6.38	110.52	635.31	15.51	-4.71	18.00	1.73	18.60	104.66
667.00	7.06	109.01	666.10	18.35	-5.93	21.41	2.27	22.22	105.48
697.00	7.59	108.45	695.85	21.38	-7.16	25.03	1.78	26.04	105.96
728.00	8.29	106.27	726.55	24.84	-8.43	29.12	2.46	30.32	106.15
758.00	8.96	105.56	756.22	28.54	-9.67	33.45	2.26	34.82	106.12
789.00	9.68	105.64	786.81	32.68	-11.02	38.28	2.32	39.84	106.05
818.00	10.27	105.61	815.37	36.82	-12.37	43.12	2.03	44.86	106.01
867.00	11.57	104.03	863.48	44.55	-14.74	52.10	2.72	54.14	105.79
912.00	12.20	102.78	907.51	52.39	-16.88	61.11	1.51	63.40	105.44
956.00	12.93	100.25	950.46	60.65	-18.79	70.49	2.08	72.95	104.92
1002.00	13.41	99.19	995.25	69.85	-20.55	80.82	1.17	83.39	104.27
1047.00	13.45	99.89	1039.02	79.05	-22.29	91.13	0.37	93.81	103.74
1092.00	13.37	97.66	1082.79	88.29	-23.88	101.44	1.16	104.21	103.25
1137.00	13.30	93.22	1126.58	97.75	-24.86	111.76	2.28	114.50	102.54
1182.00	13.67	88.60	1170.34	107.62	-25.02	122.25	2.53	124.78	101.57
1227.00	13.75	83.33	1214.06	117.92	-24.27	132.88	2.78	135.07	100.35
1272.00	13.84	78.95	1257.76	128.48	-22.62	143.47	2.33	145.24	98.96
1317.00	14.04	75.56	1301.44	139.25	-20.23	154.04	1.87	155.36	97.48
1362.00	14.38	74.68	1345.06	150.27	-17.39	164.71	0.90	165.63	96.03
1407.00	14.82	72.67	1388.61	161.61	-14.20	175.60	1.49	176.17	94.62
1452.00	15.82	70.93	1432.01	173.49	-10.48	186.89	2.45	187.18	93.21
1497.00	16.73	71.42	1475.21	186.10	-6.41	198.83	2.05	198.93	91.85
1542.00	17.91	71.17	1518.17	199.50	-2.12	211.52	2.63	211.53	90.57
1587.00	18.72	70.45	1560.89	213.64	2.53	224.87	1.87	224.88	89.35
1632.00	19.06	70.95	1603.46	228.21	7.35	238.62	0.84	238.73	88.24
1677.00	19.37	68.82	1645.96	243.01	12.44	252.52	1.70	252.83	87.18
1722.00	19.63	66.89	1688.38	258.01	18.11	266.43	1.54	267.05	86.11
1812.00	19.40	64.18	1773.21	287.92	30.55	293.79	1.04	295.38	84.06
1902.00	19.56	62.75	1858.06	317.66	43.96	320.64	0.56	323.64	82.19



Scientific Drilling International

COP Survey Report

Company: BURLINGTON RESOURCES	Date: 09/21/2009	Time: 12:28:01	Page: 2
Field: San Juan	Co-ordinate(N/E) Reference: Site SEC 26-T27N-R4W	True North	
Site: SEC 26-T27N-R4W	Vertical (TVD) Reference: SITE 0.0		
Well: San Juan 27-4 #35C	Section (VS) Reference: Well (0.00N 0.00E 71.16Azi)		
Wellpath: DH - Job #33D0809139	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
1991.00	19.48	62.05	1941.94	347.05	57.74	347.00	0.28	351.77	80.55
2081.00	19.76	61.10	2026.72	376.85	72.12	373.57	0.47	380.47	79.07
2126.00	19.29	61.28	2069.13	391.66	79.37	386.75	1.05	394.81	78.40
2171.00	18.99	62.67	2111.64	406.22	86.30	399.77	1.21	408.98	77.82
2216.00	18.19	64.94	2154.29	420.45	92.64	412.64	2.40	422.91	77.35
2261.00	18.53	65.04	2197.00	434.54	98.63	425.49	0.76	436.77	76.95
2306.00	19.00	64.34	2239.61	448.92	104.82	438.57	1.16	450.92	76.56
2352.00	19.45	63.69	2283.04	463.95	111.46	452.19	1.08	465.72	76.15
2397.00	19.45	63.81	2325.48	478.81	118.09	465.62	0.09	480.37	75.77
2441.00	19.90	64.96	2366.91	493.52	124.49	478.98	1.35	494.90	75.43
2486.00	20.01	66.91	2409.21	508.81	130.75	493.00	1.50	510.05	75.15
2531.00	19.26	67.06	2451.59	523.89	136.66	506.92	1.67	525.02	74.91
2576.00	19.24	66.64	2494.07	538.69	142.50	520.56	0.31	539.71	74.69
2621.00	19.04	66.71	2536.59	553.40	148.34	534.11	0.45	554.33	74.48
2666.00	18.55	65.57	2579.19	567.84	154.20	547.37	1.36	568.68	74.27
2711.00	19.39	63.30	2621.74	582.36	160.52	560.56	2.48	583.09	74.02
2756.00	19.57	63.10	2664.17	597.23	167.28	573.96	0.43	597.84	73.75
2801.00	19.29	63.69	2706.60	612.06	173.99	587.34	0.76	612.57	73.50
2846.00	19.50	63.40	2749.05	626.87	180.64	600.72	0.51	627.29	73.26
2891.00	19.74	65.36	2791.44	641.87	187.18	614.34	1.56	642.22	73.06
2936.00	20.71	66.24	2833.66	657.36	193.55	628.53	2.26	657.66	72.88
2981.00	21.37	66.42	2875.66	673.46	200.04	643.33	1.47	673.71	72.73
3026.00	20.90	65.79	2917.64	689.62	206.61	658.16	1.16	689.83	72.57
3071.00	20.33	65.46	2959.75	705.39	213.15	672.60	1.29	705.56	72.42
3116.00	19.99	66.96	3002.00	720.84	219.40	686.79	1.37	720.98	72.28
3161.00	19.92	67.25	3044.30	736.16	225.38	700.93	0.27	736.28	72.18
3206.00	20.65	66.20	3086.50	751.71	231.54	715.26	1.81	751.81	72.06
3251.00	19.96	69.08	3128.71	767.30	237.49	729.70	2.70	767.37	71.97
3296.00	20.22	69.41	3170.97	782.74	242.97	744.15	0.63	782.81	71.92
3341.00	20.31	67.96	3213.19	798.31	248.63	758.67	1.13	798.37	71.85
3386.00	19.98	66.20	3255.43	813.77	254.67	772.94	1.53	813.82	71.76
3431.00	21.14	66.30	3297.57	829.52	261.03	787.41	2.58	829.55	71.66
3476.00	21.15	65.74	3339.54	845.68	267.63	802.24	0.45	845.70	71.55
3521.00	20.31	66.50	3381.62	861.55	274.08	816.80	1.96	861.56	71.45
3611.00	18.15	65.66	3466.60	891.07	286.08	843.90	2.42	891.08	71.27
3656.00	16.91	65.53	3509.51	904.56	291.68	856.25	2.76	904.57	71.19
3701.00	16.57	64.12	3552.60	917.45	297.20	867.98	1.18	917.45	71.10
3746.00	16.99	62.87	3595.68	930.32	302.99	879.60	1.23	930.32	70.99
3791.00	16.84	63.71	3638.74	943.29	308.88	891.30	0.64	943.30	70.89
3836.00	16.56	62.67	3681.84	956.10	314.71	902.84	0.91	956.12	70.78
3881.00	16.34	62.96	3725.00	968.70	320.53	914.17	0.52	968.74	70.68
3926.00	15.18	64.35	3768.30	980.82	325.96	925.12	2.71	980.87	70.59
3971.00	14.16	63.62	3811.84	992.13	330.96	935.37	2.30	992.19	70.51
4016.00	12.44	62.59	3855.63	1002.38	335.63	944.60	3.86	1002.46	70.44
4061.00	10.53	65.31	3899.72	1011.26	339.58	952.64	4.41	1011.35	70.38
4106.00	8.60	64.75	3944.10	1018.70	342.74	959.42	4.29	1018.80	70.34
4150.00	6.67	63.90	3987.70	1024.50	345.26	964.69	4.39	1024.61	70.31
4196.00	5.37	58.44	4033.45	1029.25	347.57	968.92	3.08	1029.38	70.27
4241.00	4.73	53.38	4078.28	1033.07	349.78	972.21	1.73	1033.21	70.21
4286.00	3.70	58.90	4123.15	1036.26	351.63	974.94	2.46	1036.41	70.17
4331.00	3.70	61.45	4168.06	1039.11	353.08	977.46	0.37	1039.27	70.14
4376.00	3.52	65.21	4212.97	1041.91	354.35	979.99	0.66	1042.08	70.12
4421.00	2.93	68.97	4257.90	1044.44	355.34	982.31	1.39	1044.61	70.11



Scientific
Drilling

Scientific Drilling International

COP Survey Report

Company: BURLINGTON RESOURCES
Field: San Juan
Site: SEC 26-T27N-R4W
Well: San Juan 27-4 #35C
Wellpath: DH - Job #33D0809139

Date: 09/21/2009 Time: 12:28:01 Page: 3
Co-ordinate(NE) Reference: Site: SEC 26-T27N-R4W, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well: (0.00N,0.00E,71.16Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

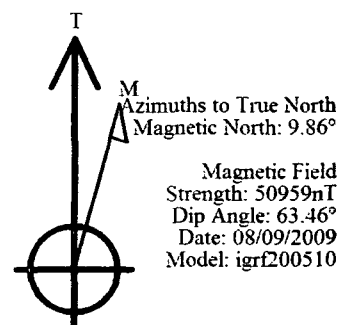
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4466.00	2.06	79.65	4302.86	1046.38	355.90	984.18	2.18	1046.56	70.12
4491.00	1.76	85.74	4327.84	1047.20	356.01	985.01	1.45	1047.37	70.13

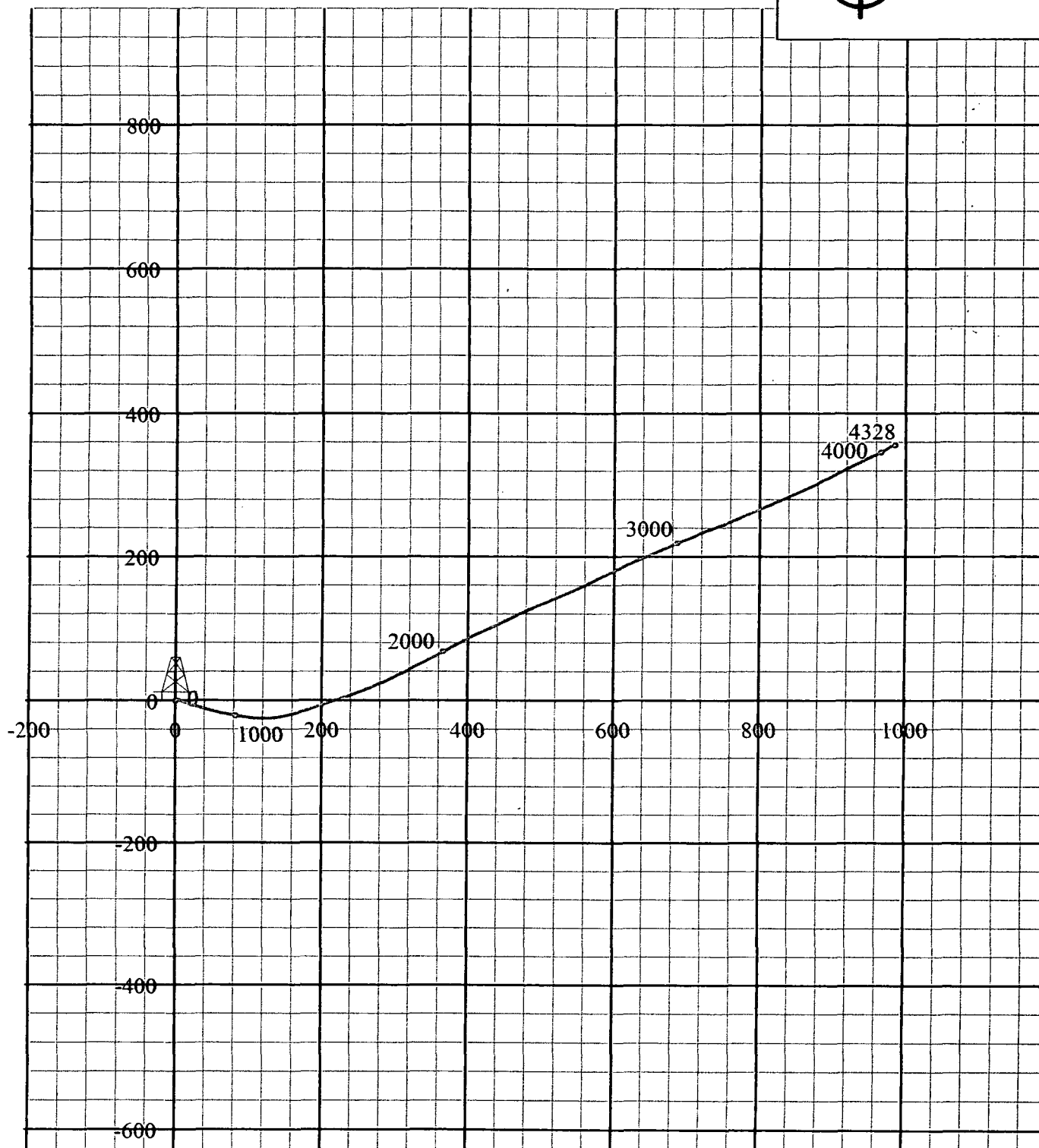


**Scientific
Drilling**

Field: San Juan
Site: SEC 26-T27N-R4W
Well: San Juan 27-4 #35C
Wellpath: DH - Job #33D0809139
Survey: 08/09/09-08/13/09



South(-)/North(+) [200ft/in]



West(-)/East(+) [200ft/in]