

DATE IN 1/16/07	SUSPENSE	ENGINEER D. BROOKS	LOGGED IN 1/17/07	TYPE NSL	APP NO. PDSO701732493
--------------------	----------	-----------------------	----------------------	-------------	--------------------------

ABOVE THIS LINE FOR DIVISION USE ONLY

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



*Conoco Phillips*  
*San Juan 27-5U 1441*  
*5565*

**ADMINISTRATIVE APPLICATION CHECKLIST**

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 E 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

*Patsy Clugston*  
Signature

Sr. Regulatory Specialist  
Title

1/15/07  
Date

clugspl@conocophillips.com  
e-mail Address

2007 JAN 16 PM 3 36



January 15, 2007  
Sent Overnight UPS

New Mexico Oil Conservation Division  
NSL Examiner  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Re: San Juan 27-5 Unit #144P  
Unit N (SESW), 1200' FSL & 2370' FWL - Surface; Unit O (SWSE), 574' FSL & 2134' FEL - Bottomhole  
Section 35, T27N, R5W, Rio Arriba County, New Mexico  
API-30-039-29911

Dear Sir:

This is a request for administrative approval for a non-standard gas well location in the Blanco Mesaverde and the Basin Dakota pool. 71599

The subject well, San Juan 27-5 Unit #144P was staked as a directionally drilled well with the bottomhole location at a proposed standard location per Order R-10987-A (MV) and R-10987-B (DK). The well was drilled to within a few feet of the plan, but unfortunately the plan utilized an estimated latitude and longitude for the bottomhole location. This estimated point was first used in a scoping exercise for the initial planning of the project and was never replaced with an actual value later in development of the project. Since the development of the plan for this well, a change in process was developed to put the true bottomhole latitude and longitude on the staking plat (C102) from which the plan is built. Had this procedure been in place prior to the development of the directional plan for this well the estimated value would have been replaced with a true position and the well would not have been drilled as NSL. If a surveyor had been asked to calculate the true bottom hole location for this well (in footages from the south line using the surface hole location and the final directional survey correcting for the non-square section lines) he would have found the well bottomhole target would have been 574' FSL instead of 700' FSL as previously thought.

Production from the Basin Dakota is included in 320 S/2 and Blanco Mesaverde is included in the 304.54 E/2 acre gas spacing unit of Section 35, T27N, R05W.

To comply with the New Mexico Oil Conservation Division rules, we are submitting the following for your approval of this non-standard location:

1. Approved APD cover page and C102 plat showing location of the well (MV)
2. 9 Section Plan showing wells in the area
3. Offset Operator Plat for Section 35
4. Copy of the directional drill survey showing the final footages with the indication in footages showing as at what point the well became NSL and the footages at TD.

Burlington is the offset operator and 100% WI Owner of the affected Section, the E/2 of Section 2, T26N, R5W, therefore no notification is required. Please let me know if you have any questions about this application at 505-326-9518.

Sincerely,

  
Patsy Clugston  
Sr. Regulatory Specialist

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

District II  
PO Drawer 00, Artesia, NM 88211-0719

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

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

2006 MAY 12 AM 9:47 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039 - 29911	*Pool Code MV-72319 DK-71599	*Pool Name Blanco Mesaverde/ Basin Dakota
*Property Code 7454	*Property Name SAN JUAN 27-5 UNIT	*Well Number 144P
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP	*Elevation 6641'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idh	Feet from the	North/South line	Feet from the	East/West line	County
N	35	27N	5W		1200	SOUTH	2370	WEST	RIO ARriba

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idh	Feet from the	North/South line	Feet from the	East/West line	County
0	35	27N	5W		700	SOUTH	2000	EAST	RIO ARriba

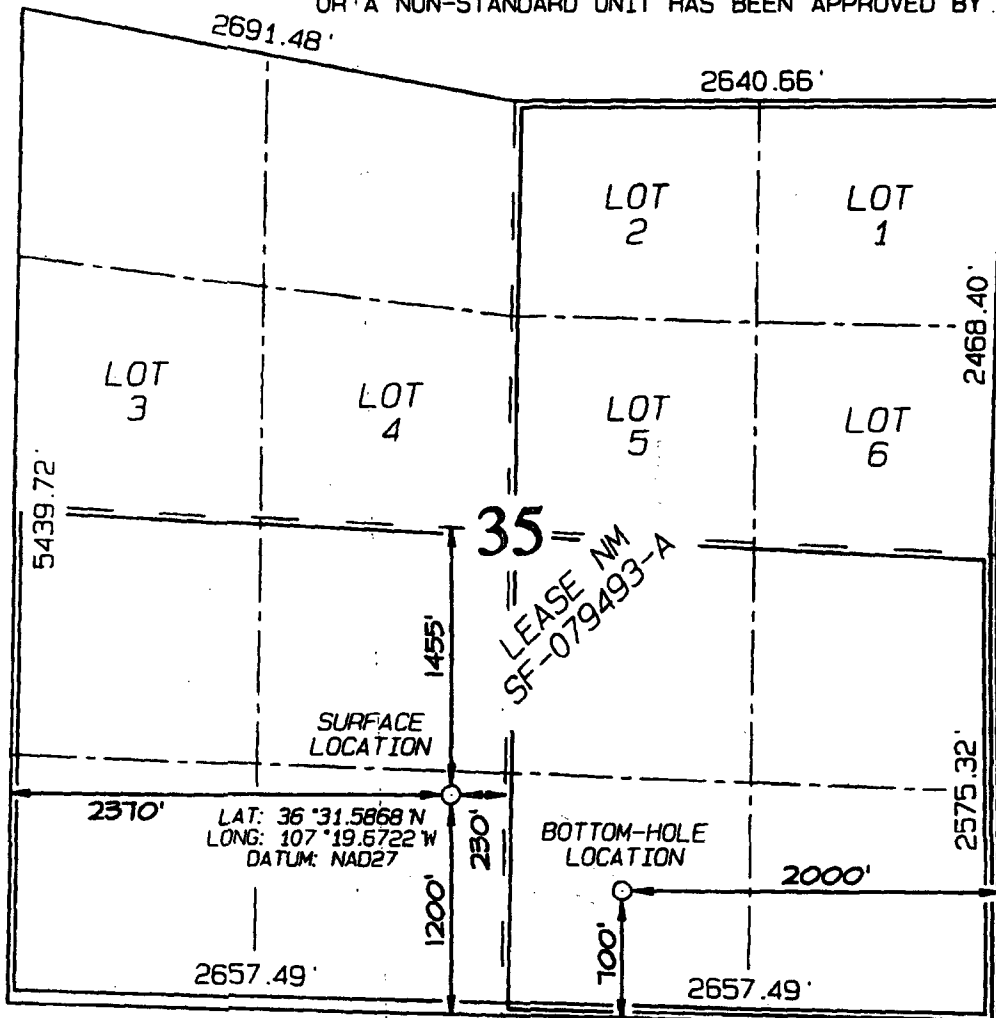
12 Dedicated Acres  
MV-304.54 E2 DK-320 S2

13 Joint or Infill

14 Consolidation Code

15 Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION

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

*Philana Thompson*  
Signature

Printed Name  
Regulatory Associate II

Title  
August 1, 2005  
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.

Survey Date: JULY 26, 2005

Signature and Seal of Professional Surveyor



*Jason C. Edwards*  
Certificate Number 15269

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	2005 MAY 12 AM 9 47 RECEIVED GEO FARMINGTON NM	5. Lease Number NMSF-079493-A Unit Reporting Number NMNM-0784098-MV NMNM-678409A-DK
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator <b>BURLINGTON</b> RESOURCES Oil & Gas Company		7. Unit Agreement Name San Juan 27-5 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 9. Well Number #144P
4. Location of Well Surface: Unit N (SESW), 1200' FSL, 2370' FWL Blanco Mesaverde/ Basin Dakota Bottom: Unit O (SWSE), 700' FSL, 2000' FEL Latitude 36° 31.5868'N Longitude 107° 19.6722'W		10. Field, Pool, Wildcat Blanco Mesaverde/ Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) N Sec. 35, T27N, R5W API # 30-039-29911
14. Distance in Miles from Nearest Town 18 miles to Gobernador, NM	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1200'		
16. Acres in Lease	17. Acres Assigned to Well MV 304.54 E2/ DK 320 S2	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 690'- San Juan 27-5 Unit #144		
19. Proposed Depth 7983'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6641' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Armando Sandoval</u> Regulatory Analyst	Date 5-12-06	

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

Archaeological Report attached

Threatened and Endangered Species Report attached

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

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

HOLD C164 FOR directional survey

ALL INFORMATION AUTHORIZED ARE  
SUBJECT TO CHANGE WITH ATTACHED  
GENERAL REGULATIONS.

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

NMQCD

8

- <all other values>
- ☀ PICTURED CLIFFS
- ⊗ CHACRA
- ⊗ MESAVERDE
- ⊗ MANCOS
- ⊗ GALLUP
- ⊗ GALLUP /SD/ SH/
- ⊗ DAKOTA



© Unpublished Work, Burlington Resources, Inc.



1:35,730 - 1" equals 2,978'  
GCS North American 1927

CONOCOPHILLIPS COMPANY

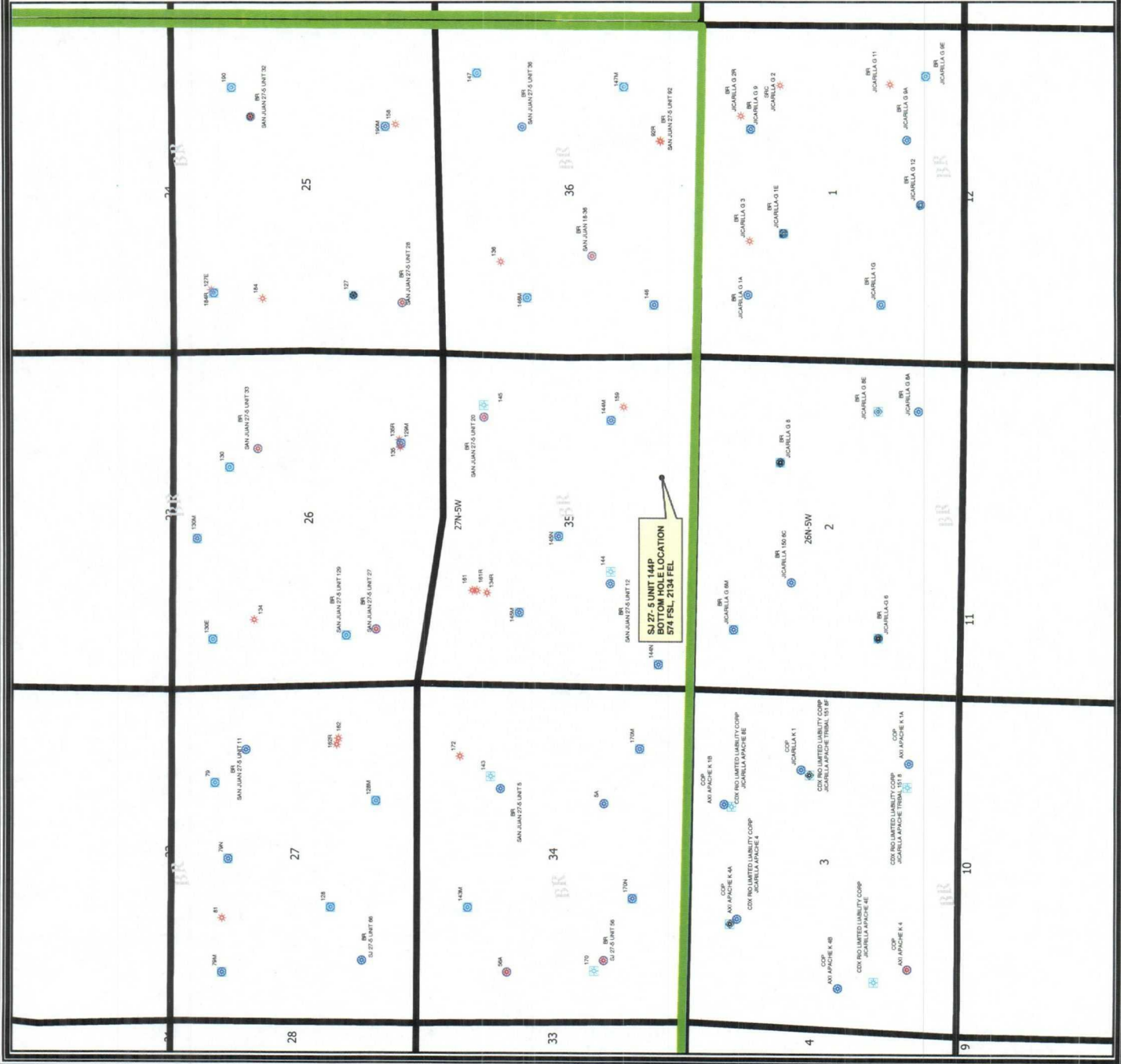
San Juan

SAN JUAN 27-5 UNIT 144P - NSL

9-SECTION PLAT MAP  
S2 SECTION 14, T29N, R7W  
RIO ARriba COUNTY, NEW MEXICO

Prepared By: mtl Date: 1/9/2007  
File Number: 1/9/2007

File Name: mtl\Projects\SJ 27-5 UNIT 144P NSL\SJ 27-5 UNIT 144P NSL.dwg







UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT INSTRUCTIONS  
(See other instructions on reverse side)

FOR APPROVED  
OMB NO. 1004-0137

Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		7. UNIT AGREEMENT NAME <b>San Juan 27-5 Unit</b>																									
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEE P-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other <input type="checkbox"/>		8. FARM OR LEASE NAME, WELL NO. <b>San Juan 27-5 Unit 144P</b>																									
2. NAME OF OPERATOR <b>Burlington Resources</b>		9. API WELL NO. <b>30-039-29911</b>																									
3. ADDRESS AND TELEPHONE NO. <b>PO BOX 4289, Farmington, NM 87499 (505) 326-9700</b>		10. FIELD AND POOL, OR WILDCAT <b>Blanco MV/Basin DK</b>																									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <b>Unit N (SESW) 1200' FSL &amp; 2370' FWL</b> At top prod. interval reported below <b>Unit O (SWSE) 574' FSL &amp; 2134' FEL</b> At total depth <b>Unit O (SWSE) 574' FSL &amp; 2134' FEL</b>		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <b>Sec. 35, T27N, R05W, NMPM</b>																									
14. PERMIT NO.		DATE ISSUED	12. COUNTY OR PARISH <b>Rio Arriba</b>																								
15. DATE SPUDDED <b>9/22/06</b>		16. DATE T.D. REACHED <b>10/7/06</b>	13. STATE <b>New Mexico</b>																								
17. DATE COMPL. (Ready to prod.) <b>11/27/06</b>		18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* <b>GL-6641'</b>	19. ELEV. CASINGHEAD																								
20. TOTAL DEPTH, MD & TVD <b>TMD -7975' TVD-7806'</b>		21. PLUG, BACK T.D., MD & TVD <b>TMD- 7973' TVD- 7804'</b>	22. IF MULTIPLE COMPL., HOW MANY* <b>2</b>																								
23. INTERVALS DRILLED BY		ROTARY TOOLS	CABLE TOOLS																								
24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* <b>Basin Dakota 7737' - 7928'</b>		25. WAS DIRECTIONAL SURVEY MADE <b>Yes</b>	26. TYPE ELECTRIC AND OTHER LOGS RUN <b>CBL/GR/CCL Log</b>																								
27. WAS WELL CORED <b>No</b>		28. CASING RECORD (Report all strings set in well)																									
<table border="1"><thead><tr><th>CASING SIZE/GRADE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>TOP OF CEMENT, CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>9 5/8"</td><td>32.3# H-40</td><td>340'</td><td>12 1/4"</td><td>Surface: 260 sx (345 cf)</td><td>62 bbls</td></tr><tr><td>7"</td><td>23# L-80</td><td>3823'</td><td>8 3/4"</td><td>Surface: 551 sx (1183 cf)</td><td>105 bbls</td></tr><tr><td>4 1/2"</td><td>11.5# L-80</td><td>7973'</td><td>6 1/4"</td><td>DV tool set @ 2957' TOC 2900'; 303 sx (610 cf)</td><td></td></tr></tbody></table>				CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED	9 5/8"	32.3# H-40	340'	12 1/4"	Surface: 260 sx (345 cf)	62 bbls	7"	23# L-80	3823'	8 3/4"	Surface: 551 sx (1183 cf)	105 bbls	4 1/2"	11.5# L-80	7973'	6 1/4"	DV tool set @ 2957' TOC 2900'; 303 sx (610 cf)	
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED																						
9 5/8"	32.3# H-40	340'	12 1/4"	Surface: 260 sx (345 cf)	62 bbls																						
7"	23# L-80	3823'	8 3/4"	Surface: 551 sx (1183 cf)	105 bbls																						
4 1/2"	11.5# L-80	7973'	6 1/4"	DV tool set @ 2957' TOC 2900'; 303 sx (610 cf)																							
29. LINER RECORD																											
30. TUBING RECORD																											
31. PERFORATION RECORD (Interval, size and number) <b>Dakota @ .34" holes</b> <b>7866' - 7928' = 2 spf = 44 Holes</b> <b>7737' - 7850' = 1 spf = 20 Holes</b>  <b>Total = 64 Holes</b>																											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>7737' - 7928'</td><td>Pump 10 bbls of 15% HCL Frac w/ 95/60 gal Slickwater</td></tr><tr><td></td><td>N2 Foam w/ 40000# 20/40 Brady sand</td></tr></tbody></table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	7737' - 7928'	Pump 10 bbls of 15% HCL Frac w/ 95/60 gal Slickwater		N2 Foam w/ 40000# 20/40 Brady sand																		
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED																										
7737' - 7928'	Pump 10 bbls of 15% HCL Frac w/ 95/60 gal Slickwater																										
	N2 Foam w/ 40000# 20/40 Brady sand																										
33. PRODUCTION DATE FIRST PRODUCTION <b>SI</b> PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <b>Flow</b> WELL STATUS (Producing or shut-in) <b>SI</b>																											
DATE OF TEST <b>11/21/06</b>	HOURS TESTED <b>3</b>	CHOKE SIZE <b>2"</b>	PROD'N FOR TEST PERIOD <b>Oil-BBL</b>																								
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	<b>GAS-MCF</b> <b>50 mcf</b>																								
<b>SITP - 741#</b>	<b>SICP - 681#</b>		<b>WATER-BBL</b> <b>1 BWPH</b>																								
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>To be sold</b>																											
35. LIST OF ATTACHMENTS <b>This is a commingled Mesaverde/Dakota well per DHC #2363 AZ. Will file for NSL.</b>																											
W/. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records																											
SIGNED <b>Landeris Roland</b>		TITLE <b>Regulatory Technician</b>	DATE <b>12/14/06</b>																								

\*(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 DATE  
(See other instructions on reverse side)

FOR APPROVED  
OMB NO. 1004-0137

Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>NMSF-079493-A</b>	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEE P-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR <b>Burlington Resources</b>		7. UNIT AGREEMENT NAME <b>San Juan 27-5 Unit</b>	
3. ADDRESS AND TELEPHONE NO. <b>PO BOX 4289, Farmington, NM 87499 (505) 326-9700</b>		8. FARM OR LEASE NAME, WELL NO. <b>San Juan 27-5 Unit 144P</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <b>Unit N (SESW) 1200' FSL &amp; 2370' FWL</b> At top prod. interval reported below <b>Unit O (SWSE) 574' FSL &amp; 2134' FEL</b> At total depth <b>Unit O (SWSE) 574' FSL &amp; 2134' FEL</b>		9. API WELL NO. <b>30-039-29811</b>	
10. FIELD AND POOL, OR WILDCAT <b>Blanco MV/Basin DK</b>		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <b>Sec. 35, T27N, R05W, NMPM</b>	
14. PERMIT NO.		DATE ISSUED	
12. COUNTY OR PARISH <b>Rio Arriba</b>		13. STATE <b>New Mexico</b>	
15. DATE SPUDDED <b>9/22/06</b>	16. DATE T.D. REACHED <b>10/7/06</b>	17. DATE COMPL. (Ready to prod.) <b>11/27/06</b>	18. ELEVATIONS (DF, RKB, RT, BR, ETC.) <b>GL-6641'</b>
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD <b>TMD -7975' TVD-7806'</b>		
21. PLUG, BACK T.D., MD & TVD <b>TMD- 7973' TVD- 7804'</b>		22. IF MULTIPLE COMPL., HOW MANY* <b>2</b>	23. INTERVALS DRILLED BY <b>Yes</b>
24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* <b>Blanco Mesaverde 5092' - 6036'</b>			25. WAS DIRECTIONAL SURVEY MADE <b>Yes</b>
26. TYPE ELECTRIC AND OTHER LOGS RUN <b>CB/LGR/CCL Log</b>			27. WAS WELL CORED <b>No</b>
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
<b>9 5/8"</b>	<b>32.3# H-40</b>	<b>340'</b>	<b>12 1/4"</b>
<b>7"</b>	<b>23# L-80</b>	<b>3823'</b>	<b>8 3/4"</b>
<b>4 1/2"</b>	<b>11.5# L-80</b>	<b>7973'</b>	<b>6 1/4"</b>
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
			SIZE
			DEPTH SET (MD)
			PACKER SET (MD)
			<b>2 3/8"</b>
			<b>4.7# L-80</b>
31. PERFORATION RECORD (Interval, size and number) <b>Mesaverde @ .34" holes</b> <b>PTL 5546' - 6036' = 1 spf = 27 Holes</b> <b>Men/CH 5092' - 5462' = 1 spf = 30 Holes</b>  <b>Total = 57 Holes</b>		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	
		AMOUNT AND KIND OF MATERIAL USED	
		<b>5546' - 6036'</b>	
		<b>Pump 10 bbls of 15% HCL. Frac w/ 47838 gal Slickwater</b>	
		<b>N2 Foam w/ 100000# 20/40 Brady sand &amp; 1161800 scf N2</b>	
		<b>5092' - 5462'</b>	
		<b>Pump 10 bbls of 15% HCL. Frac w/ 45318 gal Slickwater</b>	
		<b>N2 Foam w/ 100000# 20/40 Brady sand &amp; 1129900 scf N2</b>	
33. PRODUCTION			
DATE FIRST PRODUCTION <b>SI</b>		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) <b>Flow</b>	
WELL STATUS (Producing or shut-in) <b>SI</b>			
DATE OF TEST <b>11/22/06</b>	HOURS TESTED <b>3</b>	CHOKE SIZE <b>2"</b>	PROD'n FOR TEST PERIOD <b>Oil-BBL</b>
FLOW. TUBING PRESS. <b>SITP - 741#</b>		CASING PRESSURE <b>SICP - 681#</b>	CALCULATED 24-HOUR RATE <b>1027 mcf/d</b>
		GAS-MCF <b>128 mcf</b>	
		WATER-BBL <b>1/4 BWPH</b>	
		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>To be sold</b>			
35. LIST OF ATTACHMENTS			
This is a commingled Mesaverde/Dakota well per DHC #2363 AZ. Will file for NSL.			
W/ I. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>Kandis Holand</i>	TITLE <b>Regulatory Technician</b>		DATE <b>12/14/06</b>

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

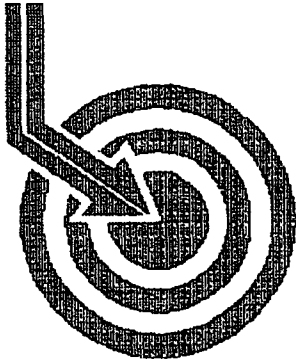
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



ROUD JANE 07

OIL CONS. DIV.

DIST. 3



# Scientific Drilling

30-089-29911

## BURLINGTON RESOURCES

Field: San Juan  
Site: Rio Arriba County, NM  
Well: San Juan 27-5 #144P  
Wellpath: VH - Job #32D0906737  
Survey: 09/10/06-09/27/06

Surface 1200/S 2370/W  
Int. TD 574/S 2095/E

HOLD C184 FOR NSL

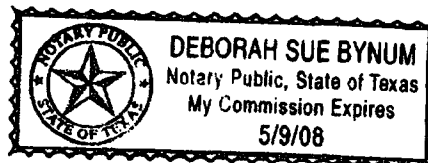
This survey is correct to the best of my knowledge  
and is supported by actual field data.

.....Richard..... Company Representative

Notorized this date 2<sup>nd</sup> of December, 2006.

Deborah Sue Bynum

Notary Signature  
County of Midland  
State of Texas



88



# Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES  
Field: San Juan  
Site: Rio Arriba County, NM  
Well: San Juan 27-5 #144P  
Wellpath: VH - Job #32D0906737

Date: 11/29/2006 Time: 15:17:35 Page: 1  
Co-ordinate(NE) Reference: Site: Rio Arriba County, NM, Grid North  
Vertical (TVD) Reference: SITE 0.0  
Section (VS) Reference: Well (0.00N,0.00E,129.10Azi)  
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 09/10/08-09/27/08  
E-field 0'-3833'

Start Date: 09/10/2006

Company: Scientific Drilling Internatio  
Tool: E-field;E-field

Engineer: Calvert/Lowe/Helkkinen/Stalzer  
Tied-to: From Surface

## Survey

MD ft	Incl deg	Azin deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ChD ft	ChA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
395.00	0.10	212.69	395.00	0.04	-0.29	-0.19	0.03	0.34	212.69
426.00	1.08	127.81	426.00	0.33	-0.49	0.03	3.47	0.49	176.51
457.00	2.02	127.00	456.99	1.17	-1.00	0.70	3.03	1.22	145.11
488.00	3.41	124.80	487.95	2.64	-1.85	1.89	4.50	2.65	134.45
518.00	4.49	130.97	517.88	4.70	-3.13	3.51	3.86	4.71	131.78
548.00	5.54	133.72	548.76	7.40	-4.96	5.51	3.47	7.41	132.03
579.00	6.57	135.35	578.59	10.55	-7.19	7.76	3.48	10.58	132.80
610.00	7.33	130.57	609.38	14.29	-9.73	10.51	3.08	14.32	132.81
641.00	8.27	133.41	640.08	18.49	-12.55	13.63	3.28	18.53	132.84
672.00	9.32	132.12	670.71	23.22	-15.77	17.11	3.45	23.27	132.66
703.00	9.86	131.54	701.28	28.38	-19.21	20.96	1.77	28.43	132.51
734.00	11.18	131.57	731.76	34.04	-22.97	25.20	4.28	34.09	132.35
765.00	12.29	131.48	762.11	40.34	-27.15	29.92	3.58	40.40	132.22
796.00	13.36	130.42	792.34	47.21	-31.65	35.12	3.53	47.28	132.03
827.00	14.36	129.23	822.43	54.64	-36.41	40.82	3.35	54.70	131.73
859.00	15.16	125.32	853.38	62.78	-41.34	47.31	3.99	62.82	131.15
890.00	15.81	126.66	883.25	71.05	-46.20	54.00	2.39	71.07	130.55
922.00	16.80	124.14	913.96	80.01	-51.40	61.33	3.80	80.02	129.97
953.00	17.62	124.40	943.58	89.15	-56.56	68.91	2.66	89.15	129.38
985.00	18.42	125.37	974.01	99.02	-62.23	77.03	2.67	99.02	128.93
1017.00	19.21	124.56	1004.30	109.31	-68.14	85.48	2.60	109.32	128.56
1048.00	19.73	127.16	1033.52	119.63	-74.19	93.86	3.26	119.64	128.33
1080.00	20.23	130.17	1063.60	130.56	-81.03	102.39	3.57	130.57	128.36
1142.00	20.75	131.60	1121.68	152.25	-85.23	118.79	1.16	152.25	128.72
1205.00	21.34	129.33	1180.48	174.86	-109.91	136.00	1.80	174.86	128.94
1269.00	21.95	127.39	1239.96	198.48	-124.55	154.52	1.47	198.47	128.87
1333.00	21.39	131.28	1299.44	222.08	-139.52	172.79	2.41	222.08	128.92
1398.00	21.83	133.37	1358.02	245.25	-155.14	189.94	1.41	245.25	129.24
1459.00	21.83	131.73	1416.50	268.63	-170.96	207.20	0.97	268.63	129.53
1520.00	22.14	133.46	1473.06	291.42	-186.44	224.00	1.18	291.44	129.77
1584.00	21.97	128.11	1532.39	315.42	-202.12	242.18	3.15	315.44	129.85
1645.00	20.80	125.92	1589.19	337.64	-215.52	259.93	2.32	337.66	129.66
1708.00	20.99	126.66	1648.04	360.08	-228.82	278.04	0.52	360.09	129.45
1769.00	21.19	124.21	1704.96	381.98	-241.54	295.92	1.48	381.98	129.22
1831.00	21.63	124.04	1762.68	404.53	-254.24	314.66	0.72	404.53	128.94
1895.00	20.67	125.60	1822.37	427.55	-267.41	333.82	1.74	427.56	128.71
1958.00	20.44	130.55	1881.36	449.65	-281.04	351.02	2.78	449.66	128.68
2020.00	20.82	130.10	1939.39	471.49	-295.17	367.67	0.66	471.50	128.76
2083.00	21.12	129.04	1998.21	494.04	-309.54	385.05	0.77	494.04	128.80
2146.00	21.20	127.78	2056.97	516.77	-323.66	402.87	0.73	516.78	128.78
2210.00	21.24	130.14	2116.63	539.93	-338.23	420.88	1.34	539.94	128.79
2273.00	21.65	133.10	2175.27	562.94	-353.52	438.09	1.84	562.94	128.90
2336.00	21.80	130.85	2233.79	586.22	-369.12	455.43	1.34	586.22	129.02
2398.00	22.11	132.01	2291.30	609.38	-384.46	472.80	0.86	609.38	129.12
2461.00	22.14	131.78	2349.66	633.08	-400.30	490.47	0.15	633.08	129.22
2522.00	22.39	132.66	2408.11	656.16	-415.83	507.58	0.68	656.17	129.33
2585.00	21.57	131.05	2464.53	679.71	-431.57	525.14	1.62	679.72	129.41
2647.00	21.88	129.88	2522.13	702.65	-446.46	542.80	0.86	702.67	129.45



# Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES  
Field: San Juan  
Site: Rio Arriba County, NM  
Well: San Juan 27-5 #144P  
Wellpath: VH - Job #32D0908737

Date: 11/29/2006 Time: 15:17:35 Page: 2  
Co-ordinate(N/E) Reference: Site: Rio Arriba County, NM, Grid North  
Vertical (TVD) Reference: SITE 0.0  
Section (VS) Reference: Well (0.00N,0.00E,129.10Azi)  
Survey Calculation Method: Minimum Curvature Db: Sybase

## Survey

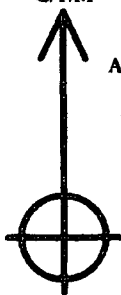
MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ChD ft	ChA deg
2710.00	22.11	130.21	2580.54	726.24	-461.64	560.66	0.41	726.26	129.47
2772.00	21.80	125.37	2638.09	749.30	-475.78	578.88	3.02	749.31	129.42
2834.00	21.40	128.00	2695.78	772.00	-489.35	597.10	1.59	772.00	129.34
2897.00	20.78	128.14	2754.56	794.64	-503.01	615.17	1.47	794.64	129.27
2960.00	19.92	124.68	2813.63	816.49	-515.70	633.02	1.56	816.49	129.17
3023.00	18.79	125.01	2873.07	837.31	-527.63	650.15	1.80	837.31	129.06
3086.00	18.22	127.52	2932.82	857.28	-539.45	666.27	1.55	857.28	129.00
3150.00	17.63	126.01	2993.71	876.96	-551.24	682.05	1.17	876.96	128.95
3212.00	15.19	129.56	3053.18	894.46	-561.94	695.91	4.25	894.46	128.92
3275.00	13.97	131.83	3114.15	910.31	-572.27	707.94	2.14	910.31	128.95
3338.00	13.85	130.93	3175.30	925.44	-582.28	719.30	0.39	925.44	128.99
3401.00	12.15	128.66	3236.89	939.61	-591.36	730.18	2.82	939.61	129.00
3463.00	10.43	126.66	3297.49	951.74	-598.79	739.77	2.84	951.74	128.99
3525.00	10.15	125.57	3358.49	962.80	-605.32	748.72	0.55	962.80	128.95
3589.00	9.35	127.10	3421.56	973.63	-611.73	757.45	1.31	973.63	128.92
3652.00	7.81	126.39	3483.66	983.02	-617.36	764.98	2.45	983.02	128.90
3714.00	5.45	127.27	3545.44	990.17	-621.64	770.72	3.81	990.17	128.89
3777.00	3.20	129.82	3608.25	994.92	-624.58	774.45	3.58	994.92	128.89
3788.00	2.68	133.08	3619.24	995.48	-624.95	774.87	4.96	995.49	128.89
3833.00	0.55	146.42	3664.22	996.74	-625.85	775.76	4.77	996.74	128.90



**Scientific  
Drilling**

Field: San Juan  
Site: Rio Arriba County, NM  
Well: San Juan 27-5 #144P  
Wellpath: VH - Job #32D0906737  
Survey: 09/10/06-09/27/06

G/T/M

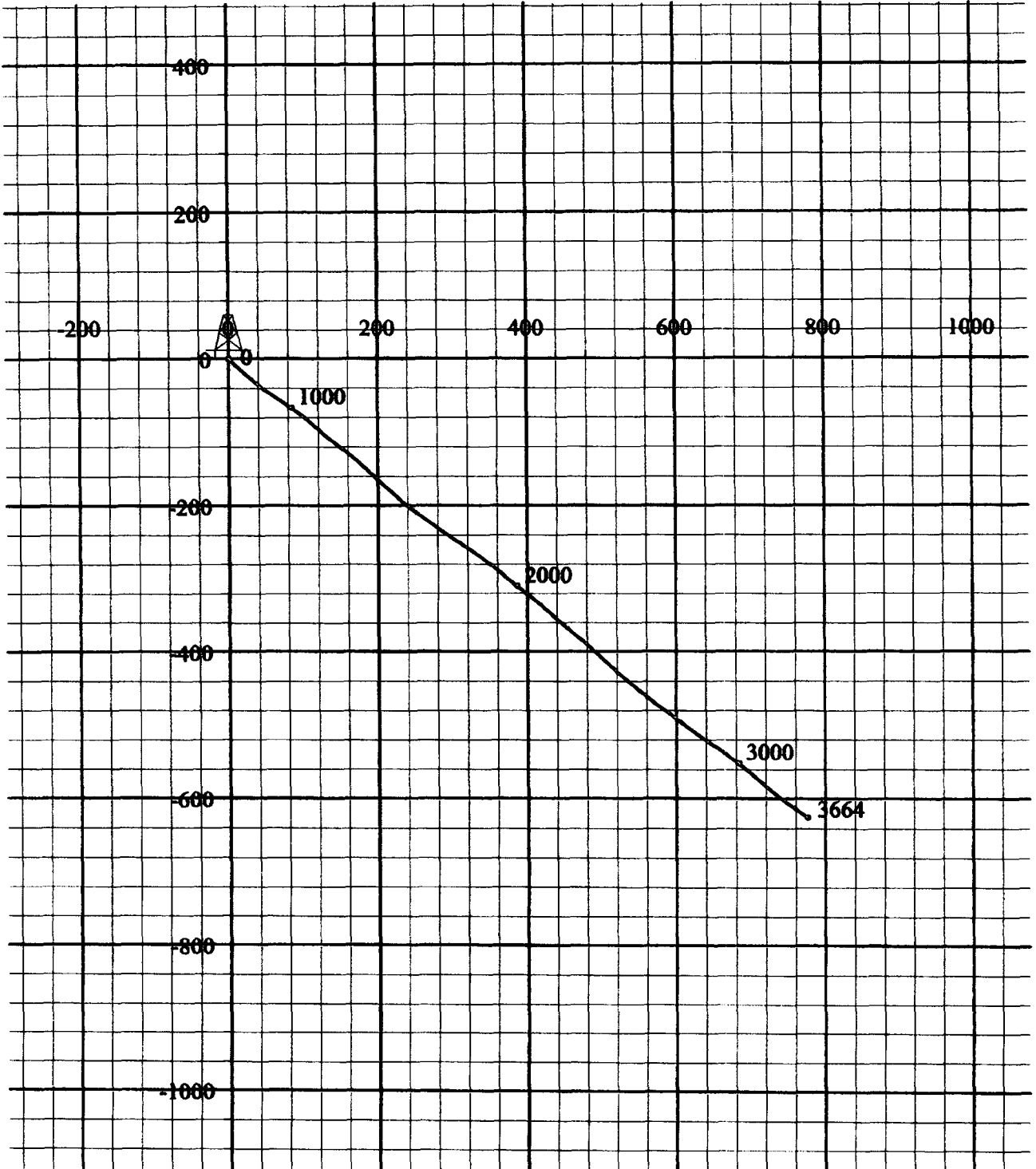


Azimuths to Grid North  
True North: 0.00°  
Magnetic North: 0.00°

Magnetic Field  
Strength: 0nT  
Dip Angle: 0.00°  
Date: 11/29/2006  
Model: igrf2000

West(-)/East(+) [100ft/in]

South(-)/North(+) [100ft/in]



ConocoPhillips

COP Deviation Report

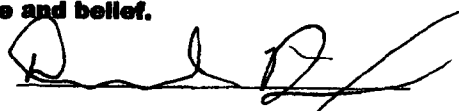
SAN JUAN 27-5 UNIT #144P

Operator BURLINGTON RESOURCES O&G CO LP	Legal WellName SAN JUAN 27-5 UNIT #144P	API / UWI 3003929911	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location NMPM.035-027N-005W	N/S Dist (ft) 1,200.00	N/S Ref S	E/W Dist (ft) 2,370.00	E/W Ref W

Survey Date	MD (ft)	MD (ft)	MD (ft)	MD (ft)
9/22/2006	0.00	0.00		
9/22/2006	97.00	0.25	TC	
9/22/2006	329.00	0.75	TC	
9/24/2006	395.00	0.10	MD	
9/24/2006	426.00	1.08	MD	
9/24/2006	457.00	2.02	MD	
9/24/2006	488.00	3.41	MD	
9/24/2006	518.00	4.49	MD	
9/24/2006	549.00	5.54	MD	
9/24/2006	579.00	6.57	MD	
9/24/2006	610.00	7.33	MD	
9/24/2006	641.00	8.27	MD	
9/24/2006	672.00	9.32	MD	
9/24/2006	703.00	9.86	MD	
9/24/2006	734.00	11.18	MD	
9/24/2006	765.00	12.29	MD	
9/24/2006	796.00	13.36	MD	
9/24/2006	827.00	14.36	MD	
9/24/2006	859.00	15.16	MD	
9/24/2006	890.00	15.81	MD	
9/24/2006	922.00	16.80	MD	
9/24/2006	953.00	17.62	MD	
9/24/2006	985.00	18.42	MD	
9/24/2006	1,017.00	19.21	MD	
9/24/2006	1,048.00	19.73	MD	
9/24/2006	1,080.00	20.23	MD	
9/24/2006	1,142.00	20.75	MD	
9/24/2006	1,205.00	21.34	MD	
9/25/2006	1,269.00	21.95	MD	
9/25/2006	1,333.00	21.39	MD	
9/25/2006	1,396.00	21.83	MD	
9/25/2006	1,459.00	21.83	MD	
9/25/2006	1,520.00	22.14	MD	
9/25/2006	1,584.00	21.97	MD	
9/25/2006	1,645.00	20.80	MD	

RCVD JAN5'07  
OIL CONS. DIV.  
DIST. 3

I, the undersigned, certify that I acting in my capacity as Drilling Engineer for ConocoPhillips Company, am authorized by said company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.



Subscribed and sworn to me this 1/5/07

Patricia L. Choy

Notary Public in and for San Juan County, New Mexico

My commission expires 9/15/08

ConocoPhillips

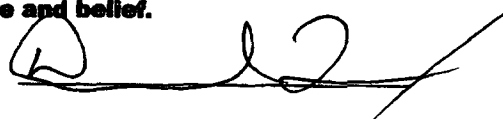
COP Deviation Report  
SAN JUAN 27-54 UNIT #144P

Survey Date	MD (ft)	MD (ft)	MD (ft)	MD (ft)	Survey Company
9/25/2006	1,708.00	20.99	MD		
9/25/2006	1,769.00	21.19	MD		
9/25/2006	1,831.00	21.63	MD		
9/25/2006	1,895.00	20.67	MD		
9/25/2006	1,958.00	20.44	MD		
9/25/2006	2,020.00	20.82	MD		
9/25/2006	2,083.00	21.12	MD		
9/25/2006	2,146.00	21.20	MD		
9/25/2006	2,210.00	21.24	MD		
9/25/2006	2,273.00	21.65	MD		
9/25/2006	2,336.00	21.80	MD		
9/25/2006	2,398.00	22.11	MD		
9/25/2006	2,461.00	22.14	MD		
9/25/2006	2,522.00	22.39	MD		
9/25/2006	2,585.00	21.57	MD		
9/25/2006	2,647.00	21.88	MD		
9/25/2006	2,710.00	22.11	MD		
9/26/2006	2,772.00	21.60	MD		
9/26/2006	2,834.00	21.40	MD		
9/26/2006	2,897.00	20.76	MD		
9/26/2006	2,960.00	19.92	MD		
9/26/2006	2,992.00	19.73	MD		
9/26/2006	3,023.00	18.79	MD		
9/26/2006	3,054.00	18.48	MD		
9/26/2006	3,086.00	18.22	MD		
9/26/2006	3,150.00	17.63	MD		
9/26/2006	3,212.00	15.19	MD		
9/26/2006	3,275.00	13.97	MD		
9/26/2006	3,338.00	13.85	MD		
9/26/2006	3,401.00	12.15	MD		
9/26/2006	3,463.00	10.43	MD		
9/26/2006	3,525.00	10.15	MD		
9/26/2006	3,589.00	9.35	MD		
9/26/2006	3,652.00	7.81	MD		
9/26/2006	3,714.00	5.45	MD		
9/27/2006	3,777.00	3.20	MWD		
9/27/2006	3,788.00	2.68	MWD		
9/27/2006	3,833.00	0.55	MWD		
9/27/2006	7,949.00	1.00	TOTCO		

RCVD JAN5'07  
OIL CONS. DIV.

DIST. 3

I, the undersigned, certify that I acting in my capacity as Drilling Engineer for ConocoPhillips Company, am authorized by said company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.



Subscribed and sworn to me this 1/5/07

Patricia L. Chugh

Notary Public in and for San Juan County, New Mexico

My commission expires 9/15/08

86



**Well File Search - Select API Number to View**

Please select the API Number you wish to view from the list below by clicking the radio button next to the API Number. Then click the "Continue" button to see the thumbnails for the API you selected. The search results are broken out by groups of 25 on each page. Switching pages can be done by clicking the "Next 25" or "Previous 25" links.

12 Records found

Displaying Screen 1 of 1

- | API Number   | ULSTR       | Footages            |            |
|--|-------------|---------------------|------------|
| <input type="radio"/> 3003906844                           | A-35-27N-5W | 800 FNL & 990 FEL   | MV         |
| <b>Well Name &amp; Number:</b> SAN JUAN 27 5 UNIT No. 020  |             |                     |            |
| <b>Operator:</b> BURLINGTON RESOURCES OIL & GAS COMPANY LP |             |                     |            |
| <input type="radio"/> 3003920467                           | K-35-27N-5W | 1650 FSL & 1840 FWL | DK         |
| <b>Well Name &amp; Number:</b> SAN JUAN 27 5 UNIT No. 144  |             |                     |            |
| <b>Operator:</b> BURLINGTON RESOURCES OIL & GAS COMPANY LP |             |                     |            |
| <input type="radio"/> 3003920468                           | A-35-27N-5W | 800 FNL & 800 FEL   | (DK)       |
| <b>Well Name &amp; Number:</b> SAN JUAN 27 5 UNIT No. 145  |             |                     |            |
| <b>Operator:</b> BURLINGTON RESOURCES OIL & GAS COMPANY LP |             |                     |            |
| <input type="radio"/> 3003920647                           | C-35-27N-5W | 800 FNL & 1500 FWL  | Per Gas PC |
| <b>Well Name &amp; Number:</b> SAN JUAN 27 5 UNIT No. 161  |             |                     |            |
| <b>Operator:</b> BURLINGTON RESOURCES OIL & GAS COMPANY LP |             |                     |            |
| <input type="radio"/> 3003920739                           | I-35-27N-5W | 1450 FSL & 790 FEL  | not listed |
| <b>Well Name &amp; Number:</b> SAN JUAN 27 5 UNIT No. 159  |             |                     |            |
| <b>Operator:</b> BURLINGTON RESOURCES OIL & GAS COMPANY LP |             |                     |            |
| <input type="radio"/> 3003926066                           | E-35-27N-5W | 1500 FNL & 1170 FWL | MV         |
| <b>Well Name &amp; Number:</b> SAN JUAN 27 5 UNIT No. 145M |             |                     |            |
| <b>Operator:</b> BURLINGTON RESOURCES OIL & GAS COMPANY LP |             |                     |            |
| <input type="radio"/> 3003926084                           | I-35-27N-5W | 1685 FSL & 995 FEL  | (MV)       |
| <b>Well Name &amp; Number:</b> SAN JUAN 27 5 UNIT No. 144M |             |                     |            |
| <b>Operator:</b> BURLINGTON RESOURCES OIL & GAS COMPANY LP |             |                     |            |
| <input type="radio"/> 3003926291                           | C-35-27N-5W | 865 FNL & 1505 FWL  | PC         |
| <b>Well Name &amp; Number:</b> SAN JUAN 27 5 UNIT No. 161R |             |                     |            |
| <b>Operator:</b> BURLINGTON RESOURCES OIL & GAS COMPANY LP |             |                     |            |
| <input type="radio"/> 3003927641                           | M-35-27N-5W | 675 FSL & 390 FWL   | (MD) DK    |
| <b>Well Name &amp; Number:</b> SAN JUAN 27 5 UNIT No. 144N |             |                     |            |
| <b>Operator:</b> BURLINGTON RESOURCES OIL & GAS COMPANY LP |             |                     |            |
| <input type="radio"/> 3003927642                           | F-35-27N-5W | 2280 FNL & 2385 FWL | MV, DK     |
| <b>Well Name &amp; Number:</b> SAN JUAN 27 5 UNIT No. 145N |             |                     |            |
| <b>Operator:</b> BURLINGTON RESOURCES OIL & GAS COMPANY LP |             |                     |            |
| <input type="radio"/> 3003929911                           | N-35-27N-5W | 1200 FSL & 2370 FWL | (MD) DK    |
| <b>Well Name &amp; Number:</b> SAN JUAN 27 5 UNIT No. 144P |             |                     |            |
| <b>Operator:</b> BURLINGTON RESOURCES OIL & GAS COMPANY LP |             |                     |            |
| <input type="radio"/> 3003960085                           | K-35-27N-5W | 1650 FSL & 1650 FWL | PC         |
| <b>Well Name &amp; Number:</b> SAN JUAN 27 5 UNIT No. 012  |             |                     |            |
| <b>Operator:</b> BURLINGTON RESOURCES OIL & GAS COMPANY LP |             |                     |            |