

RCVD NOV 3 '08

OIL CONS. DIV.

DIST. 3

DISTRICT I

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

DISTRICT II

1301 W. Grand Avenue, Artesia, N.M. 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV

1229 S. St. Francis Dr., Santa Fe, N.M. 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, N.M. 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30307	² Pool Code 71599/72319	³ Pool Name Basin Dakota/Blanco Mesaverde
⁴ Property Code 7454	⁵ Property Name SAN JUAN 27-5 UNIT	⁶ Well Number 904
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP.	⁹ Elevation 6619

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
E	8	27 N	5 W		1794	NORTH	1193	WEST	RIO ARriba

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
E	8	27 N	5 W		2308	NORTH	893	WEST	RIO ARriba

¹² Dedicated Acres 320W/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

11-4-08 S 88°47'03" E 2646.35' 2308' 1794' 1193' 893' N 10°25'21" W 2616.10' NAD 83 LAT: 36.591055° N LONG: 107.386858° W NAD 27 LAT: 36° 35.4628' N LONG: 107° 23.1742' W SECTION 8 NAD 83 LAT: 36.589660° N LONG: 107.387868° W NAD 27 LAT: 36° 35.3791' N LONG: 107° 23.2359' W USA SF-079391 N 78°52'24" W 2690.16' S 83°29'20" W 2670.27'	16 5208.18' 2669.32' 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 undivided 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 having been entered by the division. Signature: <u>Sasha Neumann</u> Date: <u>10/29/07</u> Printed Name: <u>SASHA NEUMANN</u>
	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. 5/17/07 Date of Survey Signature and Seal of Professional Surveyor MARSHALL W. LINDEEN NEW MEXICO LICENSED PROFESSIONAL SURVEYOR 17078 17078 Certificate Number
	19 2660.33' 121°02' E
	20 2660.33' 121°02' E

○ = SURFACE LOCATION
● = BOTTOM HOLE LOCATION



Gyrodata Incorporated

301 Thelma Dr. #433
Casper, Wyoming 82609

307/234-7241
Fax: 307/234-6309

October 29, 2008

RCVD NOV 3 '08

ConocoPhillips, Inc.
3401 E. 30th Street
Farmington, NM 87402

OIL CONS. DIV.

DIST. 3

Attn: Patsey Clugston

Ms. Clugston:

Please find enclosed a certified copy of the survey conducted for ConocoPhillips, Inc. on June 23, 2008, Job Number RM0608G_477. The survey was performed on:

Well: San Juan #27-5 #904
Field: Rio Arriba County, New Mexico
Rig: Crane

If any additional information is required, please feel free to contact the undersigned at (307) 234-7241.

Sincerely,


Maricela Gomez
Operations Assistant

Enclosure.

A Gyrodata Directional Survey

for

CONOCOPHILLIPS, INC.

Lease: San Juan 27-5 Well: 904, 4-1/2" Casing

Location: N/A, Rio Arriba County, New Mexico

Job Number: RM0708G_530

Run Date: 7/22/2008 9:32:01 AM

Surveyor: Joseph Turner

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 36.591047 deg. N Longitude: 107.386237 deg. W

Azimuth Correction:

Gyro: Bearings are Relative to True North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

A Gyrodata Directional Survey

ConocoPhillips, Inc.

Lease: San Juan 27-5 Well: 904, 4-1/2" Casing

Location: N/A, Rio Arriba County, New Mexico

Job Number: RM0708G_530

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
0.00	0.00	0.00	N 0 0 E	0.00	0.00	0.0 0.0	0.00 N 0.00 E
0 - 7913 FT RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4-1/2" CASING ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO GROUND LEVEL DEPTHS AS PER COMPANY MAN							
200.00	0.56	313.58	N 46 25 W	0.28	200.00	1.0 313.6	0.67 N 0.71 W
400.00	1.44	274.04	N 85 58 W	0.53	399.97	4.2 291.2	1.52 N 3.92 W
600.00	4.47	230.18	S 50 11 W	1.78	599.70	12.8 255.2	3.29 S 12.41 W
800.00	7.76	219.12	S 39 7 W	1.74	798.54	32.8 235.1	18.76 S 26.92 W
1000.00	12.50	214.59	S 34 35 W	2.40	995.37	67.0 225.4	47.07 S 47.73 W
1200.00	16.21	208.28	S 28 17 W	2.01	1189.10	115.6 219.3	89.48 S 73.25 W
1400.00	20.65	204.43	S 24 26 W	2.30	1378.80	177.7 214.7	146.21 S 101.08 W
1600.00	21.43	202.55	S 22 33 W	0.52	1565.46	248.6 211.4	212.07 S 129.69 W
1800.00	21.26	206.82	S 26 49 W	0.78	1751.75	321.0 209.9	278.19 S 160.06 W
2000.00	17.98	209.22	S 29 13 W	1.69	1940.12	388.1 209.6	337.51 S 191.50 W
2200.00	14.90	208.04	S 28 2 W	1.55	2131.91	444.7 209.5	387.17 S 218.67 W
2400.00	12.96	207.32	S 27 19 W	0.97	2326.02	492.8 209.3	429.80 S 241.06 W
2600.00	9.43	214.42	S 34 25 W	1.89	2522.19	531.5 209.4	463.26 S 260.62 W
2800.00	6.52	212.59	S 32 36 W	1.46	2720.24	559.2 209.6	486.34 S 276.00 W
3000.00	3.05	211.84	S 31 50 W	1.74	2919.51	575.9 209.7	500.43 S 284.92 W
3200.00	2.26	213.45	S 33 27 W	0.40	3119.29	585.1 209.7	508.23 S 289.90 W
3400.00	1.64	209.39	S 29 23 W	0.31	3319.18	591.9 209.7	514.01 S 293.47 W
3600.00	0.84	197.14	S 17 8 W	0.42	3519.13	596.2 209.7	517.90 S 295.31 W
3800.00	0.69	184.83	S 4 50 W	0.11	3719.11	598.7 209.6	520.49 S 295.84 W

A Gyrodata Directional Survey

ConocoPhillips, Inc.

Lease: San Juan 27-5 Well: 904, 4-1/2" Casing

Location: N/A, Rio Arriba County, New Mexico

Job Number: RM0708G_530

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
4000.00	0.39	195.29	S 15 17 W	0.16	3919.10	600.4 209.5	522.34 S 296.12 W
4200.00	0.26	197.18	S 17 11 W	0.07	4119.10	601.5 209.5	523.42 S 296.43 W
4400.00	0.17	215.66	S 35 40 W	0.05	4319.10	602.3 209.5	524.09 S 296.73 W
4600.00	0.18	229.52	S 49 31 W	0.02	4519.10	602.9 209.5	524.54 S 297.14 W
4800.00	0.25	262.96	S 82 58 W	0.07	4719.10	603.4 209.6	524.79 S 297.80 W
5000.00	0.26	251.54	S 71 32 W	0.03	4919.09	604.0 209.6	524.98 S 298.66 W
5200.00	0.34	247.03	S 67 2 W	0.04	5119.09	604.8 209.7	525.36 S 299.63 W
5400.00	0.34	190.03	S 10 2 W	0.16	5319.09	605.8 209.7	526.17 S 300.27 W
5600.00	0.09	180.77	S 0 46 W	0.13	5519.09	606.5 209.7	526.92 S 300.38 W
5800.00	0.16	318.88	N 41 7 W	0.12	5719.09	606.6 209.7	526.86 S 300.57 W
6000.00	0.30	330.06	N 29 56 W	0.07	5919.09	606.2 209.8	526.19 S 301.02 W
6200.00	0.47	351.12	N 8 53 W	0.11	6119.08	605.3 209.9	524.94 S 301.40 W
6400.00	0.77	14.73	N 14 44 E	0.19	6319.07	603.4 209.9	522.83 S 301.19 W
6600.00	0.72	9.49	N 9 29 E	0.04	6519.05	600.9 210.0	520.29 S 300.64 W
6800.00	0.22	49.96	N 49 57 E	0.29	6719.05	599.4 210.1	518.80 S 300.14 W
7000.00	0.13	39.36	N 39 22 E	0.05	6919.04	598.8 210.0	518.38 S 299.71 W
7200.00	0.15	24.41	N 24 24 E	0.02	7119.04	598.3 210.0	517.98 S 299.47 W
7400.00	0.43	324.97	N 35 2 W	0.19	7319.04	597.7 210.1	517.14 S 299.79 W
7600.00	0.33	326.39	N 33 37 W	0.05	7519.04	597.2 210.2	516.04 S 300.54 W
7800.00	0.50	18.46	N 18 27 E	0.20	7719.03	596.1 210.3	514.72 S 300.58 W
7913.00	0.45	16.83	N 16 50 E	0.05	7832.03	595.2 210.3	513.83 S 300.30 W

Final Station Closure: Distance: 595.15 ft Az: 210.30 deg.