

As Drilled Plat

RCVD OCT 15 '08

OIL CONS. DIV.

DIST. 3

Form C-102

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

1220 S. St. Francis Dr., Santa Fe, N.M. 87605

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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

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

*API Number 30-039-30348	*Pool Code 71599/72319	*Pool Name Basin DAKOTA / MESA VERDE
*Property Code 7454	*Property Name SAN JUAN 27-5 UNIT	*Well Number 912
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP.	*Elevation 6646

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
J	8	27 N	5 W		1635	SOUTH	1733	EAST	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
I	8	27 N	5 W		2709	SOUTH	1194	EAST	RIO ARRIBA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
320			

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 S 88°47'03" E 2646.33' N 0°23'21" W 2616.10' N 0°35'07" W N 78°52'24" W	○ = SURFACE LOCATION ● = BOTTOM HOLE LOCATION	5280.18' USA SF-079391 SECTION 8 NAD 83 LAT: 36.587804° N LONG: 107.376901° W NAD 27 LAT: 36° 35.2677' N LONG: 107° 22.5779' W	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>[Signature]</i> Date: 09/24/08 Printed Name: Kelly Joss
	NAD 83 LAT: 36.584941° N LONG: 107.378821° W NAD 27 LAT: 36° 35.0959' N LONG: 107° 22.6932' W	1194' 1733' 1635' 2709'	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: 6/12/07 Signature and Seal of Professional Surveyor: <i>[Signature]</i> 17078 Certificate Number
	2690.16' S 83°29'20" W	2670.27' S 1°21'02" E	

80



Gyrodata Incorporated

301 Thelma Dr. #433
Casper, Wyoming 82609

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

RCVD OCT 15 '08

OIL CONS. DIV.

DIST. 3

October 7, 2008

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

Attn: Patsey Clugston

Ms. Clugston:

Please find enclosed a certified copy of the survey conducted for ConocoPhillips, Inc. on July 8, 2008, Job Number RM0608G_485. The survey was performed on:

Well: San Juan 27-5 #912
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: 912, 4-1/2" Casing

Location: Crane, Rio Arriba County, New Mexico

Job Number: RM0608G_485

Run Date: 7/8/2008 3:01:23 PM

Surveyor: Mark Borino

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 36.584932 deg. N Longitude: 107.378220 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

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A Gyrodata Directional Survey

ConocoPhillips, Inc.
Lease: San Juan 27-5 Well: 912, 4-1/2" Casing
Location: Crane, Rio Arriba County, New Mexico
Job Number: RM0608G_485

MEASURED DEPTH feet	INCL 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 - 7986 FT RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4-1/2" CASING							
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO GROUND LEVEL R.K.B. OF 15 FT							
DEPTHS EVERY 200 FT. AS PER COMPANY MAN							

200.00	0.81	264.69	S 84 42 W	0.40	199.99	1.4 264.7	0.13 S 1.40 W
400.00	2.39	8.10	N 8 6 E	1.35	399.93	4.5 330.3	3.87 N 2.21 W
600.00	4.81	28.22	N 28 13 E	1.35	599.53	15.6 8.7	15.40 N 2.34 E
800.00	8.76	33.01	N 33 1 E	1.99	798.09	38.5 22.3	35.58 N 14.61 E
1000.00	13.67	31.01	N 31 1 E	2.46	994.21	77.1 27.1	68.62 N 35.10 E
1200.00	17.27	29.22	N 29 13 E	1.82	1186.94	130.4 28.3	114.79 N 61.77 E
1400.00	21.20	25.53	N 25 32 E	2.06	1375.74	196.2 27.9	173.36 N 91.86 E
1600.00	22.68	25.22	N 25 13 E	0.74	1561.25	270.9 27.2	240.89 N 123.89 E
1800.00	23.08	28.08	N 28 5 E	0.59	1745.52	348.6 27.1	310.37 N 158.77 E
2000.00	22.94	28.54	N 28 32 E	0.11	1929.60	426.8 27.3	379.19 N 195.85 E
2200.00	21.56	28.31	N 28 19 E	0.69	2114.71	502.5 27.5	445.78 N 231.89 E
2400.00	22.78	27.40	N 27 24 E	0.63	2299.93	577.9 27.5	512.50 N 267.14 E
2600.00	22.83	26.17	N 26 10 E	0.24	2484.29	655.5 27.4	581.70 N 302.07 E
2800.00	22.48	25.76	N 25 45 E	0.20	2668.86	732.5 27.3	650.95 N 335.80 E
3000.00	22.27	26.39	N 26 23 E	0.16	2853.81	808.6 27.2	719.33 N 369.25 E
3200.00	22.87	29.09	N 29 5 E	0.60	3038.50	885.3 27.2	787.24 N 404.99 E
3400.00	21.45	25.53	N 25 32 E	0.98	3223.73	960.7 27.2	854.21 N 439.64 E
3600.00	18.45	24.99	N 24 59 E	1.50	3411.71	1028.9 27.1	915.90 N 468.78 E
3800.00	15.39	22.04	N 22 2 E	1.59	3603.03	1087.0 26.9	969.20 N 492.11 E

A Gyrodata Directional Survey

ConocoPhillips, Inc.

Lease: San Juan 27-5 Well: 912, 4-1/2" Casing

Location: Crane, Rio Arriba County, New Mexico

Job Number: RM0608G_485

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	8.57	18.77	N 18 46 E	3.43	3798.56	1128.2 26.7	1007.96 N 506.89 E
4200.00	3.70	21.55	N 21 33 E	2.44	3997.35	1149.4 26.6	1028.09 N 514.06 E
4400.00	1.97	19.55	N 19 33 E	0.87	4197.10	1159.3 26.5	1037.34 N 517.58 E
4600.00	1.04	22.32	N 22 19 E	0.47	4397.03	1164.5 26.5	1042.26 N 519.42 E
4800.00	0.72	21.28	N 21 17 E	0.16	4597.01	1167.6 26.5	1045.10 N 520.56 E
5000.00	0.42	3.79	N 3 48 E	0.17	4797.00	1169.5 26.5	1046.99 N 521.06 E
5200.00	0.46	351.99	N 8 1 W	0.05	4996.99	1170.8 26.4	1048.50 N 521.00 E
5400.00	0.53	349.27	N 10 44 W	0.04	5196.98	1172.2 26.4	1050.21 N 520.71 E
5600.00	0.59	348.06	N 11 56 W	0.03	5396.97	1173.8 26.3	1052.14 N 520.33 E
5800.00	1.04	61.72	N 61 43 E	0.52	5596.96	1176.1 26.3	1054.02 N 521.72 E
6000.00	1.73	37.59	N 37 35 E	0.44	5796.90	1180.5 26.4	1057.28 N 525.17 E
6200.00	0.71	20.08	N 20 5 E	0.54	5996.85	1184.7 26.4	1060.83 N 527.43 E
6400.00	1.11	25.96	N 25 57 E	0.20	6196.83	1187.9 26.4	1063.74 N 528.71 E
6600.00	0.46	2.43	N 2 26 E	0.36	6396.81	1190.6 26.4	1066.28 N 529.59 E
6800.00	0.50	35.71	N 35 43 E	0.14	6596.80	1192.1 26.4	1067.78 N 530.13 E
7000.00	0.30	46.53	N 46 32 E	0.11	6796.79	1193.5 26.4	1068.84 N 531.01 E
7200.00	0.84	77.42	N 77 25 E	0.30	6996.78	1194.9 26.5	1069.52 N 532.82 E
7400.00	0.72	72.73	N 72 44 E	0.07	7196.77	1196.7 26.6	1070.22 N 535.46 E
7600.00	0.74	38.31	N 38 19 E	0.22	7396.75	1198.8 26.6	1071.61 N 537.47 E
7800.00	0.39	345.67	N 14 20 W	0.30	7596.74	1200.6 26.6	1073.28 N 538.11 E
7986.00	0.70	96.59	S 83 25 E	0.49	7782.74	1201.5 26.7	1073.77 N 539.08 E

Final Station Closure: Distance: 1201.49 ft Az: 26.66 deg.