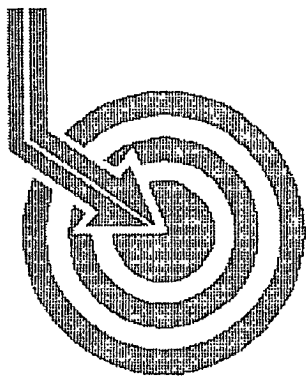




Scientific Drilling

RCVD MAY 23 '08

OIL CONS. DIV.

DIST. 3

30-039-30417

BURLINGTON RESOURCES

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 29-7 #70M
Wellpath: DH - Job #33D0308041
Survey: 03/10/08-03/13/08

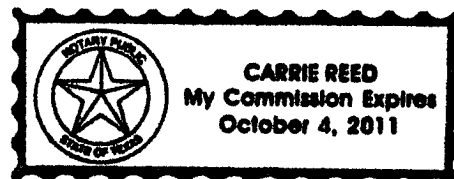
H 5-27-08

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

.....K. W. Harkins.....Company Representative

Notorized this date 3rd of April, 2008.

Carrie Reed
Notary Signature
County of Midland
State of Texas



B



Scientific
Drilling

Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 29-7 #70M
Wellpath: DH - Job #33D0308041

Date: 04/03/2008 Time: 11:04:23 Page: 1
Co-ordinate(NE) Reference: Site: Rio Arriba County, NM, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,317.24Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 03/10/08-03/13/08
E-field 0'-4074'

Start Date: 03/10/2008

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

Engineer: Rasmussen/Richey/Flower/Wagner
Tied-to: From Surface

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
400.00	1.11	303.36	399.97	3.76	2.13	-3.24	0.28	3.87	303.36
462.00	2.19	329.04	461.95	5.50	3.48	-4.35	2.07	5.57	308.65
524.00	3.84	331.25	523.86	8.68	6.31	-5.96	2.67	8.68	316.67
585.00	5.87	325.19	584.64	13.75	10.67	-8.72	3.43	13.78	320.73
646.00	7.14	324.04	645.25	20.60	16.30	-12.73	2.09	20.68	322.01
706.00	7.71	319.45	704.74	28.33	22.37	-17.53	1.37	28.42	321.92
770.00	8.20	310.77	768.13	37.15	28.61	-23.78	2.02	37.21	320.27
834.00	8.29	309.33	831.47	46.26	34.52	-30.81	0.35	46.27	318.25
898.00	9.15	312.61	894.73	55.90	40.89	-38.12	1.55	55.90	317.01
962.00	10.18	317.15	957.82	66.63	48.48	-45.71	2.00	66.63	316.68
1026.00	11.24	317.07	1020.70	78.52	57.19	-53.81	1.66	78.53	316.75
1089.00	12.27	320.05	1082.38	91.35	66.82	-62.29	1.90	91.35	317.01
1151.00	13.21	319.66	1142.85	105.01	77.27	-71.10	1.52	105.01	317.38
1214.00	14.68	319.71	1204.00	120.18	88.85	-80.93	2.33	120.18	317.67
1278.00	15.53	319.72	1265.78	136.84	101.57	-91.71	1.33	136.85	317.92
1342.00	16.89	319.32	1327.24	154.69	115.16	-103.31	2.13	154.71	318.10
1405.00	18.21	317.18	1387.31	173.68	129.32	-115.97	2.33	173.70	318.12
1469.00	20.42	317.28	1447.70	194.85	144.86	-130.34	3.45	194.87	318.02
1533.00	22.01	317.98	1507.36	218.01	161.97	-145.94	2.52	218.02	317.98
1597.00	23.65	316.96	1566.35	242.84	180.27	-162.73	2.64	242.85	317.93
1660.00	24.15	317.32	1623.94	268.36	198.98	-180.09	0.83	268.37	317.85
1723.00	24.17	317.22	1681.42	294.14	217.92	-197.59	0.07	294.16	317.80
1785.00	23.97	316.98	1738.03	319.43	236.44	-214.80	0.36	319.44	317.75
1849.00	23.92	316.90	1796.53	345.41	255.42	-232.54	0.09	345.42	317.68
1911.00	23.71	316.58	1853.25	370.44	273.65	-249.69	0.40	370.45	317.62
1976.00	23.65	316.04	1912.77	396.54	292.53	-267.73	0.35	396.55	317.53
2039.00	23.45	315.40	1970.53	421.70	310.55	-285.30	0.52	421.71	317.43
2102.00	23.11	314.77	2028.40	446.58	328.18	-302.88	0.67	446.58	317.30
2166.00	23.68	316.80	2087.14	471.99	346.40	-320.59	1.54	471.99	317.22
2230.00	23.26	316.17	2145.84	497.47	364.88	-338.14	0.76	497.47	317.18
2292.00	24.48	317.04	2202.54	522.56	383.11	-355.38	2.05	522.56	317.15
2356.00	24.49	317.08	2260.78	549.08	402.53	-373.45	0.03	549.08	317.15
2420.00	24.77	316.71	2318.96	575.76	422.00	-391.67	0.50	575.76	317.13
2482.00	24.63	316.50	2375.29	601.66	440.83	-409.47	0.27	601.66	317.11
2546.00	24.20	315.87	2433.56	628.11	459.92	-427.78	0.79	628.11	317.07
2610.00	25.15	316.28	2491.72	654.82	479.16	-446.32	1.51	654.83	317.03
2673.00	24.82	315.66	2548.82	681.43	498.30	-464.81	0.67	681.43	316.99
2737.00	24.29	315.03	2607.04	708.01	517.22	-483.50	0.92	708.02	316.93
2800.00	22.85	317.21	2664.78	733.19	535.36	-500.97	2.67	733.20	316.90
2864.00	22.46	316.88	2723.84	757.84	553.40	-517.77	0.64	757.85	316.91
2927.00	21.94	315.68	2782.17	781.64	570.61	-534.22	1.10	781.65	316.89
2991.00	21.47	315.57	2841.63	805.30	587.53	-550.77	0.74	805.32	316.85
3054.00	20.61	314.80	2900.43	827.90	603.57	-566.71	1.43	827.93	316.80
3118.00	19.68	314.18	2960.52	849.92	619.02	-582.43	1.49	849.95	316.74
3182.00	18.81	314.36	3020.94	870.98	633.75	-597.54	1.36	871.02	316.68
3245.00	16.98	311.74	3080.89	890.29	646.97	-611.66	3.17	890.34	316.61
3307.00	15.86	311.59	3140.36	907.73	658.62	-624.76	1.81	907.80	316.51
3371.00	14.80	315.49	3202.08	924.60	670.26	-637.03	2.31	924.69	316.46



Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 29-7 #70M
Wellpath: DH- Job #33D0308041

Date: 04/03/2008 Time: 11:04:23 Page: 2
Co-ordinate(NE) Reference: Site: Rio Arriba County, NM, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,317.24Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

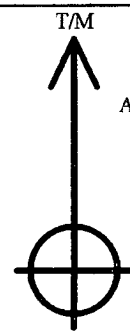
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3435.00	13.55	319.03	3264.14	940.27	681.75	-647.68	2.38	940.35	316.47
3498.00	13.59	320.55	3325.38	955.03	693.04	-657.22	0.57	955.11	316.52
3561.00	14.63	322.28	3386.48	970.35	705.05	-666.79	1.78	970.41	316.60
3625.00	14.02	322.77	3448.49	986.12	717.61	-676.42	0.97	986.16	316.69
3689.00	12.26	318.55	3510.81	1000.63	728.88	-685.61	3.13	1000.66	316.75
3752.00	10.09	317.69	3572.61	1012.84	737.98	-693.76	3.45	1012.87	316.77
3816.00	8.38	314.11	3635.78	1023.10	745.37	-700.88	2.82	1023.13	316.76
3877.00	7.58	314.52	3696.19	1031.56	751.28	-706.94	1.31	1031.60	316.74
3941.00	5.97	314.61	3759.74	1039.10	756.58	-712.32	2.52	1039.14	316.73
4005.00	4.15	312.79	3823.49	1044.73	760.49	-716.39	2.85	1044.78	316.71
4074.00	1.93	309.33	3892.39	1048.37	762.92	-719.12	3.23	1048.42	316.69



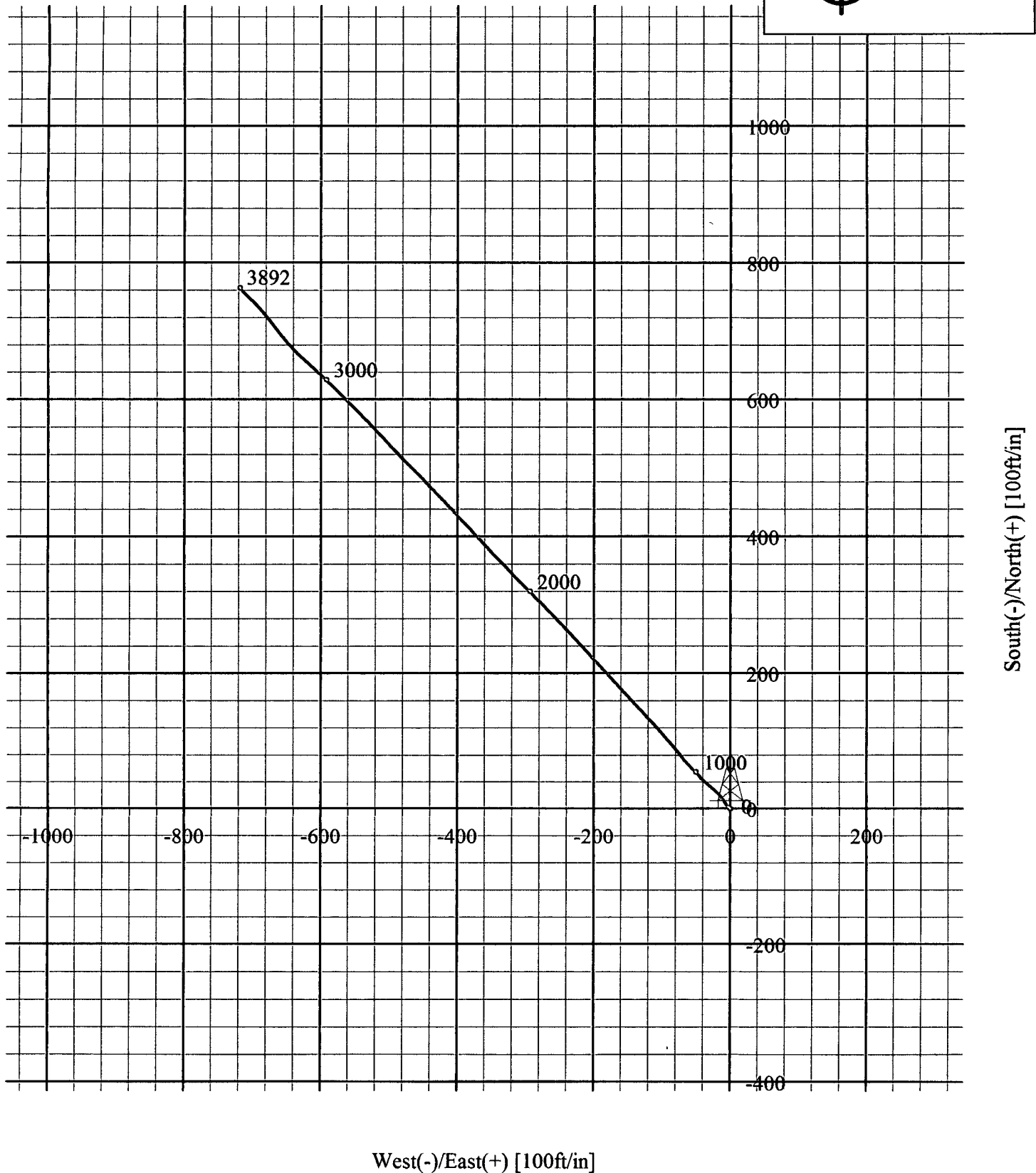
Scientific
Drilling

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 29-7 #70M
Wellpath: DH - Job #33D0308041
Survey: 03/10/08-03/13/08



Azimuths to True North
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 04/03/2008
Model: igrf2000



COP Deviation Report
SAN JUAN 29-7 UNIT #70M

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
3/12/2008	2,356.00	24.49	MWD	Scientific Drilling	
3/12/2008	2,420.00	24.77	MWD	Scientific Drilling	
3/12/2008	2,482.00	24.63	MWD	Scientific Drilling	
3/12/2008	2,546.00	24.20	MWD	Scientific Drilling	
3/12/2008	2,610.00	25.15	MWD	Scientific Drilling	
3/12/2008	2,673.00	24.82	MWD	Scientific Drilling	
3/12/2008	2,737.00	24.29	MWD	Scientific Drilling	
3/12/2008	2,800.00	22.85	MWD	Scientific Drilling	
3/12/2008	2,864.00	22.46	MWD	Scientific Drilling	
3/12/2008	2,927.00	21.94	MWD	Scientific Drilling	
3/12/2008	2,991.00	21.47	MWD	Scientific Drilling	
3/12/2008	3,054.00	20.61	MWD	Scientific Drilling	
3/12/2008	3,118.00	19.68	MWD	Scientific Drilling	
3/12/2008	3,182.00	18.81	MWD	Scientific Drilling	
3/12/2008	3,245.00	16.98	MWD	Scientific Drilling	
3/12/2008	3,307.00	15.86	MWD	Scientific Drilling	
3/12/2008	3,371.00	14.80	MWD	Scientific Drilling	
3/12/2008	3,435.00	13.55	MWD	Scientific Drilling	
3/12/2008	3,498.00	13.59	MWD	Scientific Drilling	
3/12/2008	3,561.00	14.63	MWD	Scientific Drilling	
3/12/2008	3,625.00	14.02	MWD	Scientific Drilling	
3/13/2008	3,689.00	12.26	MWD	Scientific Drilling	
3/13/2008	3,752.00	10.09	MWD	Scientific Drilling	
3/13/2008	3,816.00	8.38	MWD	Scientific Drilling	
3/13/2008	3,877.00	7.58	MWD	Scientific Drilling	
3/13/2008	3,941.00	5.97	MWD	Scientific Drilling	
3/13/2008	4,005.00	4.15	MWD	Scientific Drilling	
3/13/2008	4,074.00	1.93	MWD	Scientific Drilling	
3/13/2008	4,115.00	1.93	MWD	Scientific Drilling	
5/19/2008	7,955.00	2.50	FINAL BHS	PHOENIX	

RCVD MAY 23 '08

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 5-22-08



Notary Public in and for San Juan County, New Mexico

My Commission expires January 10, 2011

COP Deviation Report

ConocoPhillips

SAN JUAN 29-7 UNIT #70M

Operator BURLINGTON RESOURCES OIL & GAS COMPANY	Legal WellName SAN JUAN 29-7 UNIT #70M	API / UWI 3003930417	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location SEC:35;TWN:029N;RNG:007W	N/S Dist (ft) 935.00	N/S Ref FSL	E/W Dist (ft) 1,085.00	E/W Ref FWL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
3/11/2008	0.00	0.00	MWD	Scientific Drilling
1/23/2008	125.00	0.75	DEVIATION	MOTE
1/23/2008	225.00	1.00	DEVIATION	MOTE
1/23/2008	350.00	1.25	DEVIATION	MOTE
3/11/2008	400.00	1.11	MWD	Scientific Drilling
3/11/2008	462.00	2.19	MWD	Scientific Drilling
3/11/2008	524.00	3.84	MWD	Scientific Drilling
3/11/2008	585.00	5.87	MWD	Scientific Drilling
3/11/2008	648.00	7.14	MWD	Scientific Drilling
3/11/2008	706.00	7.71	MWD	Scientific Drilling
3/11/2008	770.00	8.20	MWD	Scientific Drilling
3/11/2008	834.00	8.29	MWD	Scientific Drilling
3/11/2008	898.00	9.15	MWD	Scientific Drilling
3/11/2008	962.00	10.18	MWD	Scientific Drilling
3/11/2008	1,026.00	11.24	MWD	Scientific Drilling
3/11/2008	1,089.00	12.27	MWD	Scientific Drilling
3/11/2008	1,151.00	13.21	MWD	Scientific Drilling
3/11/2008	1,214.00	14.88	MWD	Scientific Drilling
3/11/2008	1,278.00	15.53	MWD	Scientific Drilling
3/11/2008	1,342.00	15.89	MWD	Scientific Drilling
3/11/2008	1,405.00	18.21	MWD	Scientific Drilling
3/11/2008	1,489.00	20.42	MWD	Scientific Drilling
3/11/2008	1,533.00	22.01	MWD	Scientific Drilling
3/11/2008	1,597.00	23.65	MWD	Scientific Drilling
3/11/2008	1,660.00	24.15	MWD	Scientific Drilling
3/11/2008	1,723.00	24.17	MWD	Scientific Drilling
3/11/2008	1,795.00	23.97	MWD	Scientific Drilling
3/11/2008	1,849.00	23.92	MWD	Scientific Drilling
3/11/2008	1,911.00	23.71	MWD	Scientific Drilling
3/11/2008	1,976.00	23.65	MWD	Scientific Drilling
3/12/2008	2,039.00	23.45	MWD	Scientific Drilling
3/12/2008	2,102.00	23.11	MWD	Scientific Drilling
3/12/2008	2,166.00	23.68	MWD	Scientific Drilling
3/12/2008	2,230.00	23.26	MWD	Scientific Drilling
3/12/2008	2,292.00	24.48	MWD	Scientific Drilling

I, the undersigned, certify that I acting in my capacity as _____ 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 _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

DISTRICT 1
1635 N. French Dr., Hobbs, N.M. 88340

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr. NOV 01 2007
Santa Fe, NM 87505

**Bureau of Land Management
Farmington Field Office**

2007 Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

RCVD MAY 23 '68
☐ AMENDED REPORT
 FBI CONS. DIV.

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-039- ¹ API Number 30417	² Pool Code 72319/71599	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 7465	⁵ Property Name SAN JUAN 29-7 UNIT	⁶ Well Number 70M
⁷ OGRIID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6587'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line.	Feet from the	East/West line	County
M	35	29-N	7-W		935'	SOUTH	1085'	WEST	RIO ARriba

11 Bottom Hole Location If Different From Surface

UL or lot no. L	Section 35	Township 29-N	Range 7-W	Lot Idn	Feet from the 1698	North/South line SOUTH	Feet from the 3462	East/West line WEST	County RIO ARriba
Dedicated Acres NV/DK 320.00 (W/2)			Joint or Infill		Consolidation Code		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

16

OR A NON-STANDARD UNIT HAS BEEN APPROVED BY

BOTTOM HOLE
LAT: 38°40.7900' N.
LONG: 107°32.8508' W.
NAD 1927
LAT: 38.678841' N.
LONG: 107.548122' W.
NAD 1983

35

SF-078425

BOTTOM HOLE
36' 6"
30' 6"
2640'
1085'
1691'
935'
N88°43' W
2640'

SURFACE
LAT: 38°40.8587' N.
LONG: 107°32.7002' W.
NAD 1927
LAT: 38.677851' N.
LONG: 107.546810' W.
NAD 1983

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 Shonda Rogers Date 5-15-08
x Printed Name Shonda Rogers

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 July 12, 2007

Signature and Seal of Professional Surveyor:

X 15703
Certificate Number

 ϕ