

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 W. Grand Ave., Artesia, N.M. 88210

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

DISTRICT IV
1220 South 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 30-045-34776	² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 6784	⁵ Property Name ALLISON UNIT	⁶ Well Number 6N
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6115

¹⁰ Surface Location

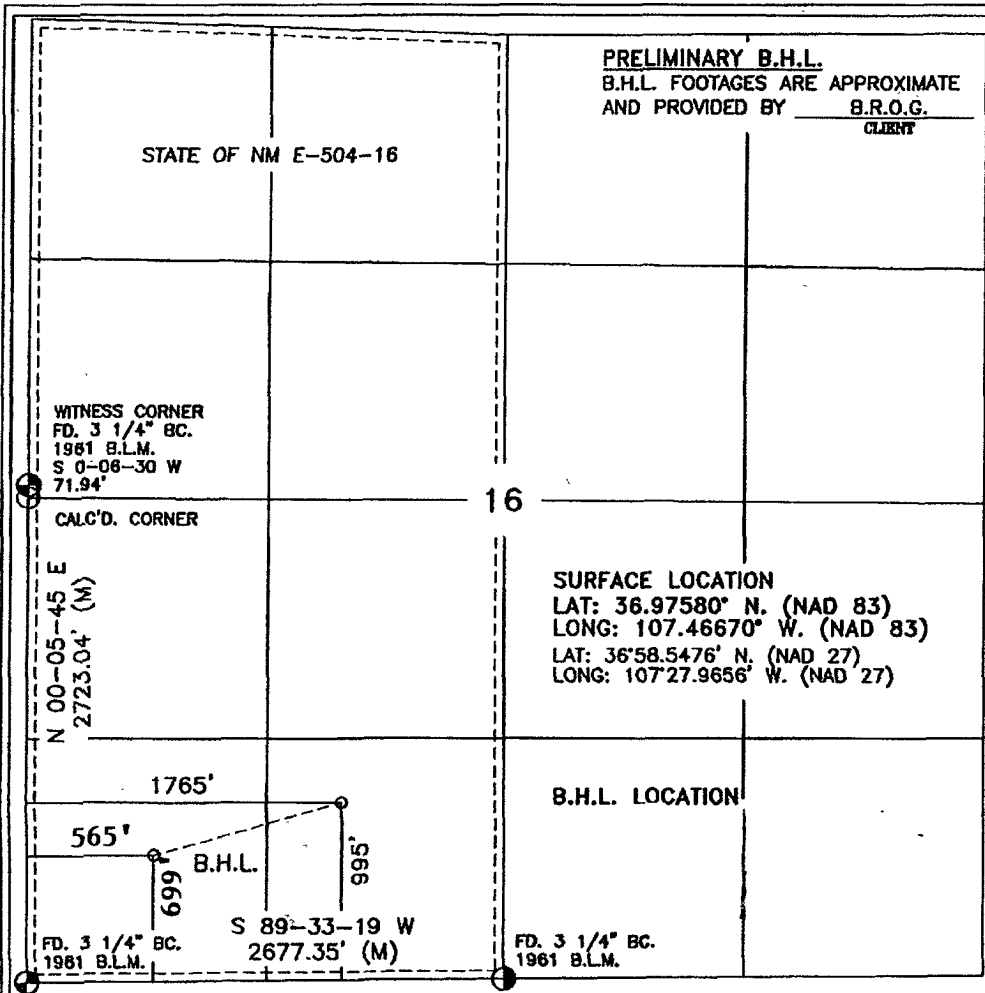
UL or lot no. N	Section 16	Township 32-N	Range 6-W	Lot Idn	Feet from the 995	North/South line SOUTH	Feet from the 1765	East/West line WEST	County SAN JUAN
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. M	Section 16	Township 32-N	Range 6-W	Lot Idn	Feet from the 699	North/South line SOUTH	Feet from the 565	East/West line WEST	County SAN JUAN
¹² Dedicated Acres 320 (W/2)			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No. RCVD NOV 6 '09 OIL CONS. DIV.		

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 DIST. 3

16



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 Tafuya 10/29/09
Signature Date
Crystal Tafuya 10-29-09
Printed Name

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.

NOVEMBER 13 2007
Date of Survey
Signature and Seal of Professional Surveyor
Professional Land Surveyor
Certificate Number



COP Deviation Report

ALLISON UNIT #6N

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName ALLISON UNIT #6N	API / UWI 3004534776	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 016-032N-006W-N	N/S Dist (ft) 995.00	N/S Ref FSL	E/W Dist (ft) 1,765.00	E/W Ref FWL

Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
8/18/2009	301.00	1.96	MWD	Scientific Drilling
8/18/2009	361.00	3.44	MWD	Scientific Drilling
8/18/2009	422.00	5.20	MWD	Scientific Drilling
8/18/2009	484.00	5.69	MWD	Scientific Drilling
8/18/2009	546.00	6.27	MWD	Scientific Drilling
8/18/2009	608.00	7.30	MWD	Scientific Drilling
8/18/2009	670.00	8.29	MWD	Scientific Drilling
8/18/2009	732.00	9.81	MWD	Scientific Drilling
8/18/2009	794.00	10.13	MWD	Scientific Drilling
8/18/2009	855.00	11.21	MWD	Scientific Drilling
8/18/2009	916.00	12.57	MWD	Scientific Drilling
8/18/2009	978.00	14.04	MWD	Scientific Drilling
8/18/2009	1,040.00	15.19	MWD	Scientific Drilling
8/18/2009	1,101.00	16.29	MWD	Scientific Drilling
8/18/2009	1,164.00	17.74	MWD	Scientific Drilling
8/18/2009	1,228.00	18.54	MWD	Scientific Drilling
8/18/2009	1,292.00	19.13	MWD	Scientific Drilling
8/18/2009	1,356.00	19.46	MWD	Scientific Drilling
8/18/2009	1,419.00	20.14	MWD	Scientific Drilling
8/18/2009	1,483.00	21.01	MWD	Scientific Drilling
8/18/2009	1,546.00	22.58	MWD	Scientific Drilling
8/18/2009	1,609.00	23.53	MWD	Scientific Drilling
8/18/2009	1,672.00	24.35	MWD	Scientific Drilling
8/18/2009	1,735.00	25.91	MWD	Scientific Drilling
8/19/2009	1,799.00	26.55	MWD	Scientific Drilling
8/19/2009	1,863.00	27.82	MWD	Scientific Drilling
8/19/2009	1,926.00	28.83	MWD	Scientific Drilling
8/19/2009	1,990.00	29.38	MWD	Scientific Drilling
8/19/2009	2,054.00	29.55	MWD	Scientific Drilling
8/19/2009	2,117.00	30.37	MWD	Scientific Drilling
8/19/2009	2,181.00	30.68	MWD	Scientific Drilling
8/19/2009	2,244.00	31.29	MWD	Scientific Drilling
8/19/2009	2,307.00	31.39	MWD	Scientific Drilling
8/20/2009	2,435.00	32.18	MWD	Scientific Drilling
8/20/2009	2,500.00	32.43	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 _____



COP Deviation Report

ALLISON UNIT #6N

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
8/20/2009	2,563.00	32.33	MWD	Scientific Drilling
8/20/2009	2,626.00	32.18	MWD	Scientific Drilling
8/20/2009	2,690.00	32.05	MWD	Scientific Drilling
8/20/2009	2,753.00	32.09	MWD	Scientific Drilling
8/20/2009	2,816.00	31.36	MWD	Scientific Drilling
8/20/2009	2,880.00	29.52	MWD	Scientific Drilling
8/20/2009	2,947.00	27.91	MWD	Scientific Drilling
8/20/2009	3,011.00	27.00	MWD	Scientific Drilling
8/20/2009	3,074.00	25.96	MWD	Scientific Drilling
8/20/2009	3,137.00	23.49	MWD	Scientific Drilling
8/20/2009	3,200.00	21.85	MWD	Scientific Drilling
8/20/2009	3,262.00	20.01	MWD	Scientific Drilling
8/20/2009	3,326.00	18.67	MWD	Scientific Drilling
8/20/2009	3,390.00	17.01	MWD	Scientific Drilling
8/20/2009	3,453.00	15.15	MWD	Scientific Drilling
8/20/2009	3,516.00	13.62	MWD	Scientific Drilling
8/20/2009	3,579.00	11.68	MWD	Scientific Drilling
8/20/2009	3,641.00	10.31	MWD	Scientific Drilling
8/21/2009	3,705.00	8.58	MWD	Scientific Drilling
8/22/2009	3,767.00	7.18	MWD	Scientific Drilling
8/22/2009	3,830.00	5.66	MWD	Scientific Drilling
8/22/2009	3,892.00	4.39	MWD	Scientific Drilling
8/22/2009	3,956.00	2.30	MWD	Scientific Drilling
8/22/2009	4,019.00	1.86	MWD	Scientific Drilling
8/22/2009	4,051.00	1.70	MWD	Scientific Drilling
8/22/2009	4,100.00	1.70	Extrap.	Scientific Drilling
8/28/2009	7,889.00	2.00	FINAL BHS	PHOENIX

RCVD NOV 6 '09
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.

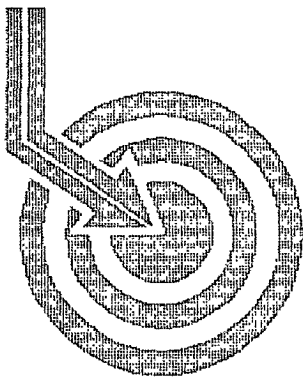
Mike Smith

Subscribed and sworn to me this Oct 28, 2009

Crystal H. Tapia

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010



Scientific Drilling

RCVD NOV 6 '09
OIL CONS. DIV.
DIST. 2

BURLINGTON RESOURCES

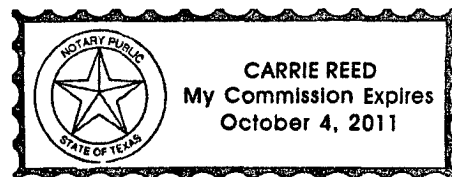
Field: Allison
Site: SEC 16-T32N-R6W
Well: Allison #6N
Wellpath: DH - Job #33D0809133
Survey: 08/17/09-08/22/09
API # 30.045.34776

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 International COP Survey Report

Company: BURLINGTON RESOURCES	Date: 09/21/2009	Time: 10:59:04	Page: 1
Field: Allison	Co-ordinate(NE) Reference: Well: Allison #6N, True North		
Site: SEC 16-T32N-R6W	Vertical (TVD) Reference: SITE 0.0		
Well: Allison #6N	Section (VS) Reference: Well (0.00N,0.00E,256.37Azi)		
Wellpath: DH - Job #33D0809133	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 08/17/09-08/22/09	Start Date: 08/17/2009
E-field 0'-4051'	
Company: Scientific Drilling Internatio	Engineer: Drake/Drake/Buchanan/Clifton
Tool: E-field;E-field	Tied-to: From Surface

Site: SEC 16-T32N-R6W

Site Position:	Northing: 2174663.78 ft	Latitude: 36 58 32.856 N
From: Geographic	Easting: 607273.87 ft	Longitude: 107 27 57.936 W
Position Uncertainty: 0.00 ft	North Reference: True	
Ground Level: 6115.00 ft	Grid Convergence: 0.22 deg	

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
301.00	1.96	240.32	300.94	4.95	-2.55	-4.47	0.65	5.15	240.32
361.00	3.44	249.95	360.87	7.72	-3.67	-7.06	2.57	7.95	242.49
422.00	5.20	258.43	421.70	12.30	-4.86	-11.48	3.06	12.47	247.08
484.00	5.69	262.18	483.42	18.17	-5.84	-17.28	0.98	18.24	251.33
546.00	6.27	264.68	545.08	24.58	-6.57	-23.70	1.03	24.59	254.50
608.00	7.30	264.84	606.65	31.82	-7.24	-30.99	1.66	31.82	256.85
670.00	8.29	262.69	668.07	40.16	-8.16	-39.35	1.66	40.18	258.28
732.00	9.81	257.61	729.30	49.89	-9.86	-48.94	2.77	49.92	258.61
794.00	10.13	255.48	790.36	60.62	-12.36	-59.38	0.79	60.65	258.24
855.00	11.21	256.49	850.31	71.91	-15.09	-70.34	1.80	71.94	257.89
916.00	12.57	258.59	910.00	84.47	-17.79	-82.61	2.34	84.50	257.85
978.00	14.04	259.84	970.33	98.72	-20.45	-96.63	2.42	98.77	258.05
1040.00	15.19	260.34	1030.33	114.33	-23.14	-112.04	1.87	114.40	258.33
1101.00	16.29	260.33	1089.04	130.84	-25.92	-128.35	1.80	130.94	258.58
1164.00	17.74	257.85	1149.28	149.25	-29.43	-146.44	2.57	149.37	258.64
1228.00	18.54	256.38	1210.10	169.18	-33.87	-165.86	1.44	169.29	258.46
1292.00	19.13	257.76	1270.67	189.83	-38.49	-186.00	1.16	189.94	258.31
1356.00	19.46	258.17	1331.08	210.97	-42.90	-206.68	0.56	211.09	258.27
1419.00	20.14	258.63	1390.35	232.30	-47.19	-227.59	1.11	232.43	258.29
1483.00	21.01	259.08	1450.27	254.77	-51.54	-249.66	1.38	254.92	258.34
1546.00	22.58	258.85	1508.76	278.14	-56.02	-272.61	2.50	278.31	258.39
1609.00	23.53	256.96	1566.73	302.80	-61.19	-296.73	1.91	302.98	258.35
1672.00	24.35	255.27	1624.31	328.36	-67.33	-321.55	1.70	328.52	258.17
1735.00	25.91	256.10	1681.35	355.11	-73.94	-347.47	2.54	355.25	257.99
1799.00	26.55	254.46	1738.76	383.39	-81.13	-374.82	1.51	383.50	257.79
1863.00	27.82	254.51	1795.69	412.61	-88.95	-403.00	1.98	412.70	257.55
1926.00	28.83	255.39	1851.14	442.49	-96.71	-431.86	1.73	442.56	257.38
1990.00	29.38	254.79	1907.06	473.61	-104.72	-461.95	0.97	473.67	257.23
2054.00	29.55	254.42	1962.78	505.08	-113.08	-492.30	0.39	505.12	257.06
2117.00	30.37	255.02	2017.36	536.53	-121.37	-522.65	1.39	536.55	256.93
2181.00	30.68	254.17	2072.49	569.02	-130.01	-553.98	0.83	569.03	256.79
2244.00	31.29	254.61	2126.50	601.43	-138.73	-585.22	1.03	601.44	256.66
2307.00	31.39	254.78	2180.31	634.19	-147.38	-616.83	0.21	634.19	256.56
2435.00	32.18	254.93	2289.12	701.58	-165.00	-681.91	0.62	701.58	256.40
2500.00	32.43	254.40	2344.05	736.30	-174.18	-715.41	0.58	736.31	256.32
2563.00	32.33	253.78	2397.26	770.02	-183.43	-747.85	0.55	770.02	256.22
2626.00	32.18	253.54	2450.54	803.60	-192.89	-780.12	0.31	803.61	256.11
2690.00	32.05	253.12	2504.74	837.58	-202.65	-812.71	0.40	837.59	256.00
2753.00	32.09	252.72	2558.13	870.97	-212.47	-844.68	0.34	871.00	255.88
2816.00	31.36	251.93	2611.72	904.01	-222.53	-876.25	1.33	904.06	255.75
2880.00	29.52	252.22	2666.89	936.34	-232.51	-907.10	2.88	936.42	255.62



Scientific Drilling International

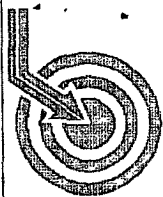
COP Survey Report

Company: BURLINGTON RESOURCES
Field: Allison
Site: SEC 16-T32N-R6W
Well: Allison #6N
Wellpath: DH- Job #33D0809133

Date: 09/21/2009 Time: 10:59:04 Page: 2
Co-ordinate(NE) Reference: Well: Allison #6N, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,256.37Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

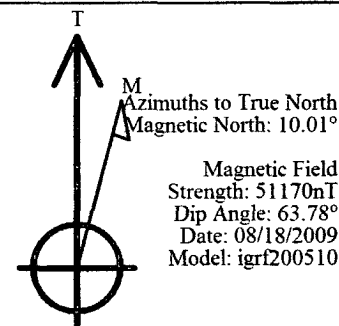
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
2947.00	27.91	253.68	2725.65	968.47	-241.96	-937.87	2.62	968.58	255.53
3011.00	27.00	254.78	2782.44	997.96	-249.98	-966.26	1.63	998.07	255.50
3074.00	25.96	255.51	2838.83	1026.04	-257.19	-993.41	1.73	1026.16	255.49
3137.00	23.49	255.83	2896.05	1052.39	-263.71	-1018.94	3.93	1052.51	255.49
3200.00	21.85	256.77	2954.18	1076.67	-269.47	-1042.53	2.67	1076.79	255.51
3262.00	20.01	255.61	3012.09	1098.81	-274.75	-1064.03	3.04	1098.93	255.52
3326.00	18.67	256.15	3072.48	1120.01	-279.92	-1084.59	2.11	1120.13	255.53
3390.00	17.01	256.85	3133.40	1139.61	-284.50	-1103.65	2.62	1139.73	255.54
3453.00	15.15	259.70	3193.93	1157.05	-288.07	-1120.73	3.21	1157.16	255.58
3516.00	13.62	262.30	3254.96	1172.65	-290.54	-1136.18	2.64	1172.74	255.66
3579.00	11.68	263.48	3316.42	1186.35	-292.25	-1149.87	3.11	1186.42	255.74
3641.00	10.31	265.63	3377.29	1198.06	-293.39	-1161.63	2.31	1198.11	255.83
3705.00	8.58	266.13	3440.42	1208.41	-294.15	-1172.11	2.71	1208.45	255.91
3767.00	7.18	268.44	3501.83	1216.76	-294.57	-1180.60	2.31	1216.79	255.99
3830.00	5.66	269.25	3564.43	1223.64	-294.71	-1187.64	2.42	1223.66	256.06
3892.00	4.39	264.76	3626.19	1228.97	-294.97	-1193.06	2.14	1228.98	256.11
3956.00	2.30	256.32	3690.08	1232.68	-295.50	-1196.75	3.35	1232.69	256.13
4019.00	1.86	252.76	3753.04	1234.96	-296.10	-1198.95	0.73	1234.97	256.13
4051.00	1.70	243.49	3785.02	1235.94	-296.47	-1199.87	1.03	1235.95	256.12



**Scientific
Drilling**

Field: Allison
Site: SEC 16-T32N-R6W
Well: Allison #6N
Wellpath: DH - Job #33D0809133
Survey: 08/17/09-08/22/09



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

