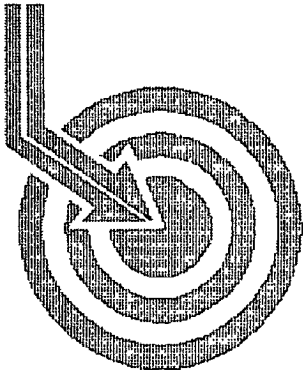




Scientific Drilling

RCVD MAY 23 '08

OIL CONS. DIV.

DIST. 3

30.045-34352

BURLINGTON RESOURCES

Field: Allison

Site: San Juan County, NM

Well: Allison #13P

Wellpath: DH - Job #33D0208026

Survey: 02/19/08-02/23/08

H 5/27/08.

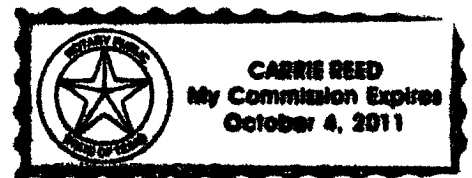
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....L. Wharton.....Company Representative

Notorized this date 31st of March, 2008.

Carrie Reed

Notary Signature
County of Midland
State of Texas



85



Scientific
Drilling

Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES
Field: Allison
Site: San Juan County, NM
Well: Allison #13P
Wellpath: DH - Job #33D0208026

Date: 03/28/2008 Time: 15:39:47 Page: 1
Co-ordinate(NE) Reference: Site: San Juan County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,131.26Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 02/19/08-02/23/08

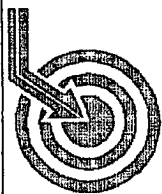
Start Date: 02/19/2008

E-field 0'-3269'
Company: Scientific Drilling Internatio
Tool: E-field;E-field

Engineer: Gillespie/Rasmussen/Heikkinen/
Tied-to: From Surface

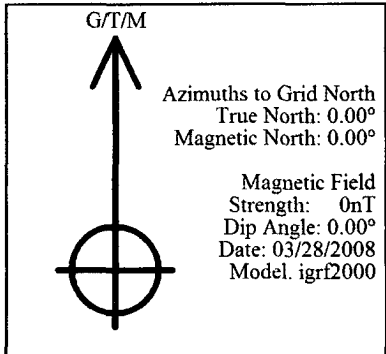
Survey

MD ft	Incl deg	Azlm 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
357.00	0.68	123.46	356.99	2.10	-1.17	1.77	0.19	2.12	123.46
419.00	0.37	154.62	418.99	2.65	-1.55	2.16	0.66	2.66	125.69
480.00	1.30	115.12	479.98	3.49	-2.02	2.87	1.71	3.51	125.18
542.00	3.23	127.89	541.93	5.91	-3.39	4.89	3.20	5.95	124.79
603.00	4.60	129.51	602.79	10.07	-6.01	8.13	2.25	10.11	126.46
664.00	5.66	136.75	663.54	15.51	-9.75	12.08	2.03	15.53	128.92
726.00	7.59	131.09	725.13	22.65	-14.67	17.26	3.28	22.65	130.37
790.00	7.90	131.56	788.54	31.28	-20.37	23.74	0.49	31.28	130.63
854.00	7.70	130.49	851.95	39.96	-26.07	30.29	0.39	39.96	130.72
917.00	8.26	130.51	914.34	48.71	-31.75	36.94	0.89	48.71	130.68
981.00	9.34	130.86	977.59	58.50	-38.13	44.36	1.69	58.50	130.68
1045.00	10.77	130.16	1040.60	69.67	-45.39	52.86	2.24	69.67	130.65
1108.00	12.10	133.57	1102.35	82.15	-53.74	62.14	2.37	82.15	130.85
1172.00	13.73	132.51	1164.73	96.45	-63.49	72.60	2.57	96.45	131.17
1235.00	14.57	132.23	1225.82	111.85	-73.87	83.98	1.34	111.85	131.33
1299.00	15.31	129.79	1287.65	128.34	-84.69	96.44	1.52	128.34	131.29
1363.00	15.17	128.67	1349.40	145.16	-95.33	109.47	0.51	145.16	131.05
1426.00	15.40	126.85	1410.18	161.73	-105.50	122.60	0.84	161.74	130.71
1496.00	15.80	130.48	1477.60	180.53	-117.26	137.28	1.51	180.54	130.50
1554.00	15.75	132.81	1533.41	196.29	-127.73	149.06	1.10	196.30	130.59
1618.00	14.92	130.78	1595.14	213.21	-139.02	161.67	1.54	213.22	130.69
1682.00	14.55	128.40	1657.03	229.48	-149.39	174.21	1.11	229.50	130.61
1745.00	14.69	129.44	1717.99	245.37	-159.38	186.58	0.47	245.39	130.50
1809.00	14.78	130.62	1779.89	261.64	-169.85	199.05	0.49	261.67	130.47
1873.00	14.42	129.34	1841.82	277.77	-180.22	211.41	0.76	277.80	130.45
1936.00	14.42	130.80	1902.84	293.45	-190.32	223.41	0.58	293.49	130.43
2000.00	13.63	133.69	1964.93	308.96	-200.73	234.90	1.65	308.98	130.52
2064.00	14.37	131.92	2027.03	324.43	-211.25	246.26	1.34	324.45	130.62
2127.00	14.78	132.14	2088.00	340.29	-221.86	258.04	0.66	340.30	130.69
2191.00	13.89	131.84	2150.01	356.13	-232.46	269.81	1.40	356.14	130.75
2255.00	14.55	132.39	2212.04	371.85	-243.01	281.47	1.05	371.86	130.81
2325.00	14.83	133.07	2279.76	389.59	-255.05	294.51	0.47	389.60	130.89
2382.00	14.84	132.17	2334.86	404.18	-264.94	305.25	0.40	404.19	130.96
2445.00	14.61	131.29	2395.79	420.20	-275.59	317.20	0.51	420.20	130.99
2509.00	14.34	131.85	2457.76	436.19	-286.21	329.17	0.48	436.20	131.01
2573.00	13.46	131.19	2519.88	451.57	-296.40	340.68	1.40	451.57	131.02
2637.00	13.11	130.36	2582.17	466.27	-306.01	351.81	0.62	466.28	131.02
2700.00	13.21	132.93	2643.51	480.61	-315.54	362.53	0.94	480.62	131.04
2764.00	13.92	133.90	2705.73	495.61	-325.86	373.43	1.16	495.61	131.11
2828.00	13.31	134.26	2767.93	510.66	-336.34	384.25	0.96	510.66	131.20
2892.00	12.21	133.15	2830.35	524.78	-346.11	394.47	1.76	524.78	131.26
2956.00	10.24	132.70	2893.12	537.23	-354.59	403.59	3.08	537.23	131.30
3019.00	9.22	127.39	2955.22	547.87	-361.46	411.71	2.15	547.87	131.28
3083.00	8.43	128.94	3018.46	557.67	-367.52	419.44	1.29	557.67	131.23
3147.00	6.59	131.10	3081.91	566.03	-372.88	425.85	2.91	566.03	131.21
3210.00	4.75	136.33	3144.60	572.24	-377.15	430.38	3.03	572.24	131.23
3269.00	3.31	135.93	3203.45	576.38	-380.14	433.25	2.44	576.38	131.26



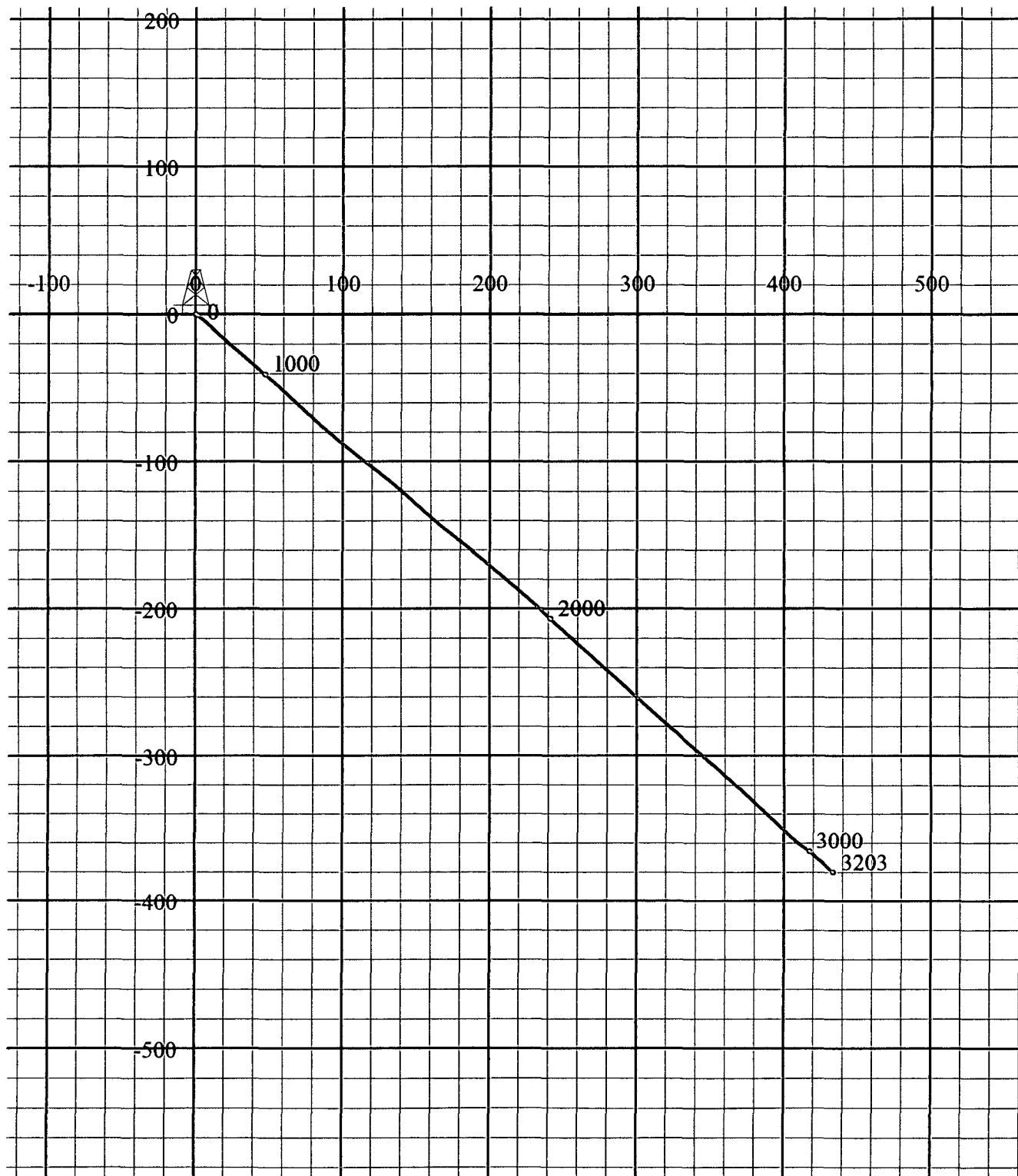
**Scientific
Drilling**

Field: Allison
Site: San Juan County, NM
Well: Allison #13P
Wellpath: DH - Job #33D0208026
Survey: 02/19/08-02/23/08



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

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



Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
2/21/2008	2,445.00	14.61	MWD	Scientific Drilling
2/21/2008	2,509.00	14.34	MWD	Scientific Drilling
2/21/2008	2,573.00	13.46	MWD	Scientific Drilling
2/21/2008	2,637.00	13.11	MWD	Scientific Drilling
2/21/2008	2,700.00	13.21	MWD	Scientific Drilling
2/22/2008	2,764.00	13.92	MWD	Scientific Drilling
2/22/2008	2,828.00	13.31	MWD	Scientific Drilling
2/22/2008	2,892.00	12.21	MWD	Scientific Drilling
2/22/2008	2,956.00	10.24	MWD	Scientific Drilling
2/22/2008	3,019.00	9.22	MWD	Scientific Drilling
2/22/2008	3,083.00	8.43	MWD	Scientific Drilling
2/22/2008	3,147.00	6.59	MWD	Scientific Drilling
2/22/2008	3,210.00	4.75	MWD	Scientific Drilling
2/22/2008	3,269.00	3.31	MWD	Scientific Drilling
5/17/2008	7,890.00	1.75	FINAL BHS	PHOENIX

RCVD MAY 23 '08

OIL CONS. DIV.

DIST. 3

I, the undersigned, certify that I acting in my capacity as Dillon Engman 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

ALLISON UNIT #13P

Operator BURLINGTON RESOURCES OIL & GAS CO	Legal WellName ALLISON UNIT #13P	API / UWI 3004534352	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location SEC:12;TWN:032N;RNG:007W	N/S Dist (ft) 155.00	N/S Ref FNL	E/W Dist (ft) 1,575.00	E/W Ref FWL

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
1/14/2008	129.00	0.50	A1SureShot	Mo-Te Drilling Inc.	
1/14/2008	229.00	0.75	A1SureShot	Mo-Te Drilling Inc.	
2/20/2008	357.00	0.68	MWD	Scientific Drilling	
2/20/2008	419.00	0.37	MWD	Scientific Drilling	
2/20/2008	480.00	1.30	MWD	Scientific Drilling	
2/20/2008	542.00	3.23	MWD	Scientific Drilling	
2/20/2008	603.00	4.60	MWD	Scientific Drilling	
2/20/2008	664.00	5.66	MWD	Scientific Drilling	
2/20/2008	726.00	7.59	MWD	Scientific Drilling	
2/20/2008	790.00	7.90	MWD	Scientific Drilling	
2/21/2008	854.00	7.70	MWD	Scientific Drilling	
2/21/2008	917.00	8.26	MWD	Scientific Drilling	
2/21/2008	981.00	9.34	MWD	Scientific Drilling	
2/21/2008	1,045.00	10.77	MWD	Scientific Drilling	
2/21/2008	1,108.00	12.10	MWD	Scientific Drilling	
2/21/2008	1,172.00	13.73	MWD	Scientific Drilling	
2/21/2008	1,235.00	14.57	MWD	Scientific Drilling	
2/21/2008	1,299.00	15.31	MWD	Scientific Drilling	
2/21/2008	1,363.00	15.17	MWD	Scientific Drilling	
2/21/2008	1,426.00	15.40	MWD	Scientific Drilling	
2/21/2008	1,496.00	15.80	MWD	Scientific Drilling	
2/21/2008	1,554.00	15.75	MWD	Scientific Drilling	
2/21/2008	1,618.00	14.92	MWD	Scientific Drilling	
2/22/2008	1,682.00	14.55	MWD	Scientific Drilling	
2/21/2008	1,745.00	14.69	MWD	Scientific Drilling	
2/21/2008	1,809.00	14.78	MWD	Scientific Drilling	
2/21/2008	1,873.00	14.42	MWD	Scientific Drilling	
2/21/2008	1,936.00	14.42	MWD	Scientific Drilling	
2/21/2008	2,000.00	13.63	MWD	Scientific Drilling	
2/21/2008	2,064.00	14.37	MWD	Scientific Drilling	
2/21/2008	2,127.00	14.78	MWD	Scientific Drilling	
2/21/2008	2,191.00	13.89	MWD	Scientific Drilling	
2/21/2008	2,255.00	14.55	MWD	Scientific Drilling	
2/21/2008	2,325.00	14.83	MWD	Scientific Drilling	
2/21/2008	2,382.00	14.84	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 IV
1220 South St. Francis Dr., Santa Fe, NM 87505

1220 South St. Francis Dr.
Santa Fe, NM 87505

Santa Fe, NM 87505
As Drilled Plat

☐ AMENDED REPORT

AT DIST. 3

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30- 24 045-34352		² Pool Code 72319/71599	³ Pool Name Blanco Mesaverde/Basin Dakota
⁴ Property Code 6744	⁵ Property Name ALLISON UNIT		⁶ Well Number 13P
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		⁹ Elevation 6356

¹⁰ Surface Location

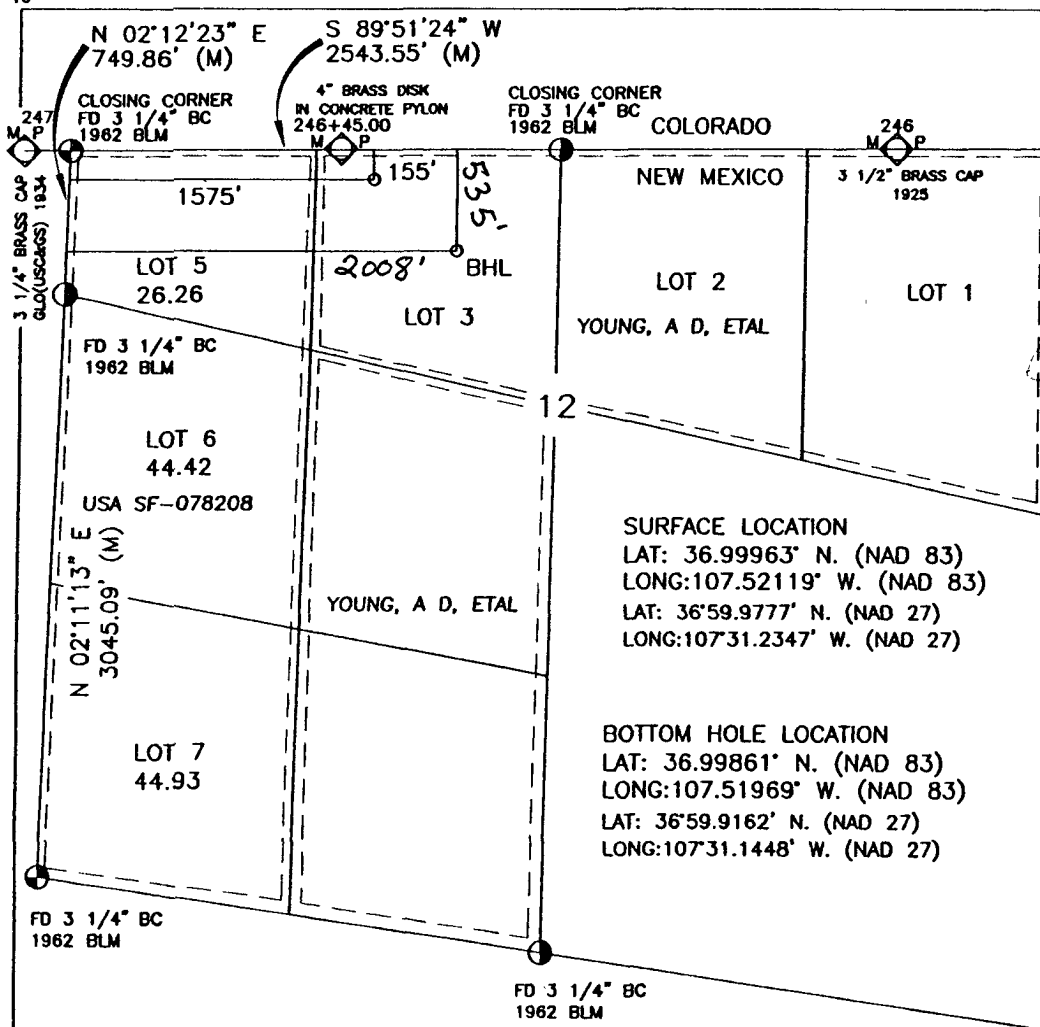
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	12	32-N	7-W		155	NORTH	1575	WEST	SAN JUAN

¹¹Bottom Hole Location If Different From Surface

UL or lot no. 3	Section 12	Township 32-N	Range 7-W	Lot Idn	Feet from the 535'	North/South line NORTH	Feet from the 2008'	East/West line WEST	County SAN JUAN
12 Dedicated Acres MV/DK 414.9		13 Joint or Infill		14 Consolidation Code		15 Order No. OK R-2046 MV NW14-329			

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



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.

Charles Jones 5-12-08

Signature Date
 x Rhonda Rogers
 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.

48 December 15, 2006
Date of Survey

Signature and Seal of Professional Surveyor:

8894
Certificate Number