"As Drilled"

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. 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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-039-30561	72319	Blanco Mesa Verde

4 Property Code	5 Property Name	6 Well Number
28462	BADGER 11	1A

7 OGRID No.	8 Operator Name	9 Elevation
22044	McELVAIN OIL & GAS PROPERTIES	7356

10 Surface Location

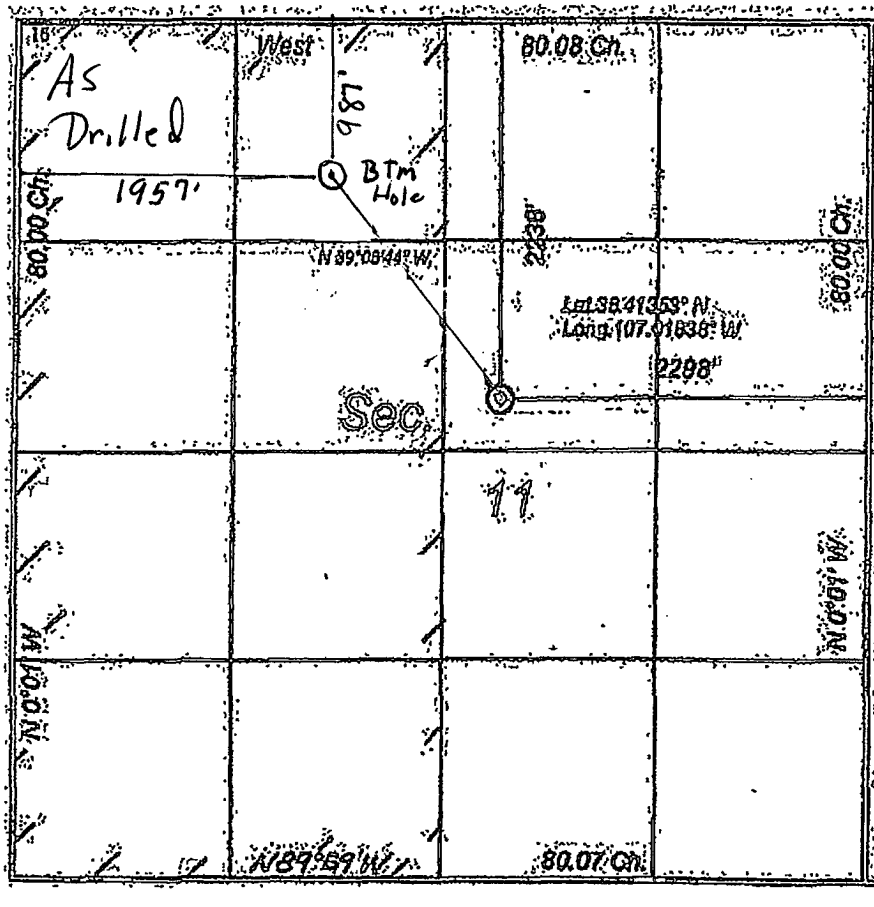
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	11	25N	2W		2238	North	2298	East	Rio Arriba

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
C	11	25N	2W	C	987	North	1957	West	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 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: Debbie Powell Date: 1/

Printed Name: DEBorah Powell

17 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: 22 Nov 2008 9.4.09

Signature and Seal of Professional Surveyor: William E. Mahnke II

Certificate Number: 9466

Scientific Drilling

McELVAIN OIL & GAS

Field: Blanco Mesa Verde
Site: Rio Arriba County, NM
Well: Badger ~~aa~~ #1A
Wellpath: DH - Job #33D1209224
Survey: 12/28/09-01/15/10

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

Company Representative

Notorized this date 16th **of** February **, 2010.**

Notary Signature
Couty of Midland
State of Texas

NOTARY PUBLIC STATE OF TEXAS
CARRIE REED
My Commission Expires
October 4, 2011

Scientific Drilling

Scientific Drilling International, Inc.

Survey Report

Company:	McELVAIN OIL & GAS	**Date:** 2/15/2010	**Time:** 22:40:26	**Page:**	1
Field:	Blanco Mesa Verde	**Co-ordinate(NE) Reference:**	Site: Rio Arriba County, NM, True North		
Site:	Rio Arriba County, NM	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	Badger aa #1A	**Section (VS) Reference:**	Well (0.00N,0.00E,320.89Azi)		
Wellpath:	DH - Job #33D1209224	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Survey:	12/28/09-01/15/10 E-field 0'-6276'	**Start Date:**	12/28/2009
Company:	Scientific Drilling Internatio	**Engineer:**	Kiser/Ely/Blosser/Rogers/Flowe
Tool:	E-field,E-field	**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
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.0	0.00
680.0	0.00	0.00	680.0	0.0	0.0	0.0	0.00	0.0	0.00
724.0	2.33	302.41	724.0	0.8	0.5	-0.8	5.30	0.9	302.41
756.0	2.24	296.22	756.0	2.0	1.1	-1.9	0.82	2.2	300.63
784.0	2.57	305.21	783.9	3.1	1.7	-2.9	1.79	3.3	300.77
812.0	3.01	313.77	811.9	4.5	2.6	-3.9	2.16	4.7	303.38
845.0	3.67	320.92	844.8	6.4	4.0	-5.2	2.36	6.6	307.53
876.0	4.36	323.22	875.8	8.6	5.7	-6.5	2.29	8.7	311.15
906.0	5.89	323.26	905.7	11.2	7.9	-8.1	5.10	11.3	314.00
937.0	6.69	319.04	936.5	14.6	10.5	-10.3	2.98	14.7	315.61
968.0	7.36	316.14	967.2	18.4	13.3	-12.8	2.44	18.5	316.01
988.0	7.65	315.29	987.1	21.0	15.2	-14.7	1.55	21.1	315.97
1020.0	8.12	317.68	1018.8	25.4	18.3	-17.7	1.79	25.5	316.06
1052.0	8.59	318.81	1050.4	30.0	21.8	-20.8	1.56	30.1	316.40
1084.0	9.33	321.96	1082.0	35.0	25.7	-23.9	2.77	35.1	316.98
1116.0	10.21	322.05	1113.6	40.4	29.9	-27.3	2.75	40.5	317.65
1147.0	11.28	321.69	1144.0	46.2	34.5	-30.9	3.46	46.3	318.18
1179.0	12.35	322.29	1175.3	52.8	39.6	-34.9	3.37	52.8	318.65
1210.0	13.24	322.77	1205.6	59.6	45.1	-39.1	2.89	59.7	319.10
1243.0	14.05	324.24	1237.6	67.4	51.4	-43.7	2.67	67.4	319.61
1274.0	15.04	324.46	1267.6	75.2	57.7	-48.2	3.20	75.2	320.10
1306.0	16.35	323.99	1298.5	83.8	64.7	-53.3	4.11	83.8	320.52
1338.0	17.48	323.70	1329.1	93.1	72.2	-58.8	3.54	93.1	320.86
1370.0	18.54	323.18	1359.5	103.0	80.2	-64.7	3.35	103.0	321.10
1402.0	19.46	323.01	1389.8	113.4	88.5	-70.9	2.88	113.4	321.29
1433.0	20.58	322.89	1418.9	124.0	97.0	-77.3	3.62	124.0	321.43
1465.0	21.72	322.74	1448.7	135.6	106.2	-84.3	3.57	135.6	321.55
1496.0	22.91	322.23	1477.4	147.3	115.5	-91.5	3.89	147.3	321.62
1528.0	23.84	321.08	1506.8	160.0	125.5	-99.4	3.24	160.0	321.62
1561.0	24.36	320.07	1536.9	173.5	135.9	-107.9	2.01	173.5	321.54
1592.0	24.64	320.00	1565.1	186.3	145.7	-116.2	0.91	186.4	321.44
1623.0	25.00	320.09	1593.2	199.4	155.7	-124.5	1.17	199.4	321.35
1655.0	25.25	319.83	1622.2	212.9	166.1	-133.3	0.85	212.9	321.26
1687.0	25.55	319.86	1651.1	226.7	176.6	-142.1	0.94	226.7	321.17
1751.0	26.27	319.99	1708.7	254.6	198.0	-160.1	1.13	254.6	321.03
1813.0	26.54	320.07	1764.2	282.2	219.1	-177.8	0.44	282.2	320.94
1877.0	26.08	319.47	1821.6	310.6	240.8	-196.2	0.83	310.6	320.83
1940.0	25.41	317.71	1878.3	337.9	261.3	-214.3	1.61	337.9	320.65
2005.0	25.89	317.41	1936.9	366.0	282.1	-233.2	0.77	366.0	320.41
2068.0	25.43	317.48	1993.7	393.2	302.2	-251.7	0.73	393.2	320.21
2132.0	24.98	318.29	2051.6	420.4	322.4	-270.0	0.89	420.5	320.06
2194.0	24.68	318.36	2107.9	446.4	341.8	-287.3	0.49	446.5	319.96
2256.0	23.66	319.30	2164.5	471.8	360.9	-304.0	1.76	471.9	319.89
2320.0	23.57	320.60	2223.1	497.4	380.5	-320.5	0.83	497.5	319.90
2383.0	23.28	322.37	2280.9	522.5	400.1	-336.1	1.21	522.6	319.97
2447.0	23.51	322.18	2339.6	547.9	420.2	-351.6	0.38	547.9	320.08
2510.0	23.60	322.65	2397.4	573.1	440.2	-367.0	0.33	573.1	320.18
2573.0	24.02	322.43	2455.0	598.5	460.4	-382.5	0.68	598.5	320.28
2636.0	24.23	322.68	2512.5	624.2	480.8	-398.1	0.37	624.2	320.38

Scientific Drilling

Scientific Drilling International, Inc.

Survey Report

Company:	McELVAIN OIL & GAS	**Date:** 2/15/2010 **Time:** 22:40:26	**Page:** 2
Field:	Blanco Mesa Verde	**Co-ordinate(NE) Reference:**	Site: Rio Arriba County, NM, True North
Site:	Rio Arriba County, NM	**Vertical (TVD) Reference:**	SITE 0.0
Well:	Badger aa #1A	**Section (VS) Reference:**	Well (0.00N,0.00E,320.89Azi)
Wellpath:	DH - Job #33D1209224	**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
2700.0	24.33	322.53	2570.9	650.5	501.7	-414.1	0.18	650.5	320.47
2763.0	24.98	322.84	2628.1	676.8	522.6	-430.0	1.05	676.8	320.55
2827.0	24.56	322.84	2686.2	703.6	544.0	-446.2	0.66	703.6	320.64
2890.0	23.96	323.42	2743.7	729.5	564.7	-461.8	1.02	729.5	320.73
2954.0	23.95	322.48	2802.2	755.4	585.4	-477.4	0.60	755.4	320.80
3018.0	24.18	320.55	2860.6	781.5	605.9	-493.7	1.28	781.5	320.83
3081.0	24.69	320.28	2918.0	807.6	626.0	-510.3	0.83	807.6	320.81
3144.0	24.18	320.28	2975.3	833.6	646.0	-526.9	0.81	833.6	320.80
3208.0	23.42	320.70	3033.9	859.5	665.9	-543.3	1.22	859.5	320.79
3272.0	23.34	320.69	3092.6	884.9	685.6	-559.4	0.13	884.9	320.79
3336.0	23.21	321.56	3151.4	910.1	705.3	-575.3	0.57	910.2	320.79
3399.0	23.97	321.84	3209.1	935.4	725.1	-590.9	1.22	935.4	320.82
3463.0	23.72	321.77	3267.7	961.2	745.4	-606.9	0.39	961.2	320.85
3526.0	22.86	323.27	3325.5	986.1	765.1	-622.1	1.66	986.1	320.89
3590.0	23.42	324.32	3384.4	1011.2	785.4	-636.9	1.09	1011.2	320.96
3653.0	22.45	323.29	3442.4	1035.8	805.3	-651.4	1.67	1035.8	321.03
3717.0	21.54	321.82	3501.8	1059.7	824.3	-666.0	1.66	1059.7	321.06
3844.0	22.64	323.48	3619.4	1107.4	862.3	-695.0	1.00	1107.5	321.13
3908.0	22.34	324.85	3678.6	1131.9	882.1	-709.3	0.94	1131.9	321.20
3971.0	22.42	326.54	3736.8	1155.8	901.9	-722.8	1.03	1155.8	321.29
4035.0	22.98	329.32	3795.9	1180.3	922.8	-735.9	1.89	1180.3	321.43
4101.0	23.58	331.96	3856.5	1206.0	945.6	-748.7	1.82	1206.1	321.63
4179.0	23.26	330.63	3928.1	1236.5	972.8	-763.6	0.79	1236.7	321.87
4244.0	22.36	325.19	3988.0	1261.5	994.1	-776.9	3.53	1261.7	321.99
4308.0	20.22	318.64	4047.6	1284.7	1012.4	-791.2	4.99	1284.9	321.99
4373.0	20.49	315.01	4108.6	1307.2	1028.9	-806.7	1.99	1307.4	321.90
4437.0	20.32	315.40	4168.6	1329.4	1044.7	-822.4	0.34	1329.6	321.79
4501.0	19.61	315.28	4228.7	1351.2	1060.3	-837.7	1.11	1351.3	321.69
4566.0	19.34	315.60	4290.0	1372.7	1075.7	-853.0	0.45	1372.8	321.59
4629.0	19.06	315.46	4349.5	1393.4	1090.5	-867.5	0.45	1393.4	321.50
4693.0	18.77	315.31	4410.0	1414.0	1105.3	-882.0	0.46	1414.1	321.41
4757.0	17.90	317.65	4470.8	1434.1	1119.8	-895.9	1.78	1434.1	321.34
4821.0	17.45	316.94	4531.8	1453.5	1134.1	-909.1	0.78	1453.5	321.29
4884.0	16.59	316.22	4592.0	1471.9	1147.5	-921.8	1.41	1471.9	321.23
4947.0	14.53	317.79	4652.7	1488.7	1159.9	-933.3	3.34	1488.7	321.18
5011.0	13.46	316.83	4714.8	1504.2	1171.3	-943.8	1.71	1504.2	321.14
5075.0	11.88	315.81	4777.2	1518.2	1181.4	-953.5	2.49	1518.2	321.09
5139.0	10.84	314.32	4840.0	1530.7	1190.3	-962.4	1.69	1530.7	321.05
5202.0	9.29	310.69	4902.0	1541.6	1197.8	-970.5	2.66	1541.6	320.99
5266.0	8.11	310.17	4965.3	1551.1	1204.1	-977.8	1.85	1551.1	320.92
5332.0	6.80	313.07	5030.7	1559.6	1209.7	-984.2	2.06	1559.6	320.87
5396.0	6.67	315.57	5094.3	1567.0	1215.0	-989.6	0.50	1567.0	320.84
5460.0	6.70	315.98	5157.8	1574.4	1220.3	-994.8	0.09	1574.4	320.81
5524.0	4.90	322.46	5221.5	1580.9	1225.2	-999.1	2.99	1580.9	320.80
5588.0	4.47	318.42	5285.3	1586.1	1229.2	-1002.4	0.85	1586.1	320.80
5652.0	4.50	318.41	5349.1	1591.1	1233.0	-1005.7	0.05	1591.1	320.80
5715.0	3.80	316.01	5411.9	1595.7	1236.3	-1008.8	1.14	1595.7	320.79
5780.0	2.72	315.55	5476.8	1599.3	1239.0	-1011.4	1.66	1599.3	320.77
5844.0	2.22	303.17	5540.8	1602.0	1240.7	-1013.5	1.14	1602.0	320.76
5937.0	2.34	302.33	5633.7	1605.5	1242.7	-1016.6	0.13	1605.6	320.72
5973.0	1.83	308.65	5669.7	1606.8	1243.5	-1017.7	1.55	1606.8	320.70
6037.0	1.92	313.18	5733.6	1608.9	1244.8	-1019.2	0.27	1608.9	320.69

Scientific Drilling

Scientific Drilling International, Inc.

Survey Report

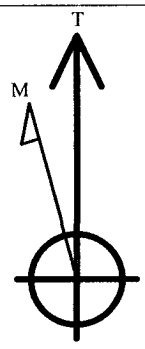
Company:	McELVAIN OIL & GAS	**Date:** 2/15/2010	**Time:** 22:40:26	**Page:**	3
Field:	Blanco Mesa Verde	**Co-ordinate(NE) Reference:**	Site: Rio Arriba County, NM, True North		
Site:	Rio Arriba County, NM	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	Badger aa #1A	**Section (VS) Reference:**	Well (0.00N,0.00E,320.89Azi)		
Wellpath:	DH - Job #33D1209224	**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
6101.0	2.08	312.01	5797.6	1611.1	1246.4	-1020.9	0.26	1611.1	320.68
6164.0	2.40	319.52	5860.5	1613.5	1248.1	-1022.6	0.69	1613.5	320.67
6228.0	1.82	307.28	5924.5	1615.8	1249.8	-1024.3	1.14	1615.9	320.66
6276.0	1.15	325.58	5972.5	1617.1	1250.6	-1025.1	1.69	1617.1	320.66

Scientific Drilling

Field: Blanco Mesa Verde
Site: Rio Arriba County, NM
Well: Badger aa #1A
Survey: 12/28/09-01/15/10



Azimuths to True North
Magnetic North: -6.10°

Strength: 31718nT
Date: 1/28/2010
Model: IGRF2010