



11 May 2006

State of New Mexico
Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

Re: Williams Exploration
Rosa #75-C Dir.
San Juan Co., NM
Job #61161
API No. 30-039-29847

10 - 31 N - 6 W
Surface 1800/S 705/W
Int Casing pt. Loc 1652/S 2293/W
No BHL for T.D.

To whom it May Concern:

Enclosed please find the Directional Survey data and certification for the above referenced well to be filed with your group.

Name & Title of Surveyor	Drainhole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Brian Adkins	75-C	418	4,110	7/09/06	7/15/06	MWD

Thank you for the opportunity to be of service. Please contact me if you have any questions or require additional information.

Sincerely,


Andres Puente
Well Planner





DIRECTIONAL SURVEY CERTIFICATION

RE: Williams Exploration (Operator)

Rosa #75-C Dir (Well Name & No.)

Section 10 Twp. 31 N Range 06 W

Well File No. 30-039-29847

I, Andres Puente, having personal knowledge of all the facts, hereby certify that the attached directional surveys for the Rosa #75-C well run from measured depth of 418 feet to a measured depth of 4,110 feet, respectively, are true and correct as determined from all available records.

Andres Puente Well Planner Nevis Energy Services, Inc.
Signature Title Company

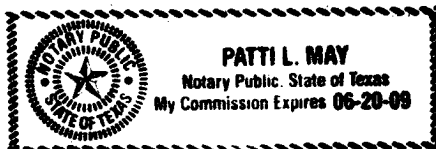
State of Texas
County of Harris

On this 11 day of September, 2006, before me personally appeared

Andres Puente to me known as the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

Patti L. May
Notary Public

06/20/09
My Commission Expires



NEVIS ENERGY SERVICES INC. SURVEY DATA CERTIFICATION



NEVIS JOB NUMBER 61161

OPERATOR Williams Exploration

WELL NAME Rosa #75-C Dir.

COUNTY & STATE

San Juan N.M.

API WELL NUMBER 30-039-29847

PROPOSED DIRECTION 95.39

TIE-IN DATA						
MEASURED DEPTH	VERTICAL DEPTH	INCLIN	AZIMUTH	N-S COORD	E-W COORD	DATA SOURCE
ft	. ft	0	0	0	0	

FIRST SURVEY DATE	FIRST SURVEY DEPTH	INCLIN	AZIMUTH
9-Jul-06	418 ft	1	167

SURVEY INSTRUMENT TYPE
Nevis MWD

LAST SURVEY DATE	LAST SURVEY DEPTH	INCLIN	AZIMUTH
15-Jul-06	4,110 ft	3.8	100.9

TO THE BEST OF MY KNOWLEDGE I
CERTIFY THIS SURVEY DATA TO BE
TRUE AND CORRECT.

PROJECTED TD SURVEY DATE	PROJECTED TD SURVEY DEPTH	INCLIN	AZIMUTH
15-Jul-06	4,100 ft	3.75	101

Brian S. Adkins

PRINT YOUR NAME ABOVE

Brian S. Adkins

SIGN YOUR NAME ABOVE

MAGNETIC DECLINATION OR TOTAL GRID

TOTAL CORRECTION USED	10.45
DECLINATION OR GRID	10.45

7/15/2006

TODAY'S DATE

MWD SUPERVISOR 1

Brian Adkins

DIRECTIONAL DRILLER 1

Randy Knight

MWD SUPERVISOR 2

Sean Schultz

DIRECTIONAL DRILLER 2

Joe Broussard

1724-B Townhurst Dr

Houston, Texas 77043

(713) 827-8302



1724-B Townhurst Dr, Houston, Tx 77043
(713) 827-8302
www.nevisenergy.com

Job Number: 61161
Company: Williams Exploration
Lease/Well: Rosa #75-C Dir
Location: San Juan Co., NM
Rig Name: ☐
RKB: ☐
G.L. or M.S.L.: API # 30-039-29847

State/Country: NM/USA
Declination: ☐
Grid: ☐
File name: N:\UNWELL\61161R~1\61161.SVY
Date/Time: 11-Sep-06 / 15:03
Curve Name: Final Surveys

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 95.39
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	CLOSURE		Dogleg Severity Deg/100
Distance FT		Direction Deg							
Surface Tie-In									
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
First Nevis MWD Survey									
418.00	1.00	167.00	417.98	1.15	-3.55	.82	3.65	167.00	.24
449.00	1.00	152.50	448.97	1.38	-4.06	1.01	4.18	166.07	.81
479.00	2.00	108.70	478.96	2.03	-4.46	1.62	4.74	159.99	4.85
509.00	3.50	96.00	508.93	3.46	-4.72	3.03	5.61	147.31	5.37
540.00	4.80	92.00	539.85	5.70	-4.87	5.27	7.17	132.73	4.29
570.00	5.90	90.00	569.72	8.49	-4.91	8.06	9.44	121.33	3.72
601.00	7.10	90.50	600.52	11.98	-4.93	11.57	12.58	113.06	3.88
632.00	8.70	85.90	631.22	16.21	-4.78	15.83	16.53	106.79	5.55
661.00	9.90	91.20	659.84	20.86	-4.67	20.51	21.03	102.83	5.08
692.00	10.50	92.50	690.35	26.33	-4.85	25.99	26.44	100.57	2.07
722.00	10.80	91.40	719.83	31.87	-5.04	31.53	31.93	99.08	1.21
753.00	11.90	91.40	750.23	37.95	-5.19	37.63	37.99	97.85	3.55
783.00	12.20	93.50	779.57	44.21	-5.46	43.89	44.23	97.09	1.77
814.00	12.70	91.70	809.84	50.88	-5.76	50.57	50.89	96.49	2.04
844.00	13.00	94.20	839.09	57.55	-6.10	57.23	57.55	96.09	2.11
874.00	13.70	95.80	868.27	64.47	-6.71	64.13	64.48	95.97	2.64
905.00	14.80	96.20	898.32	72.10	-7.51	71.72	72.11	95.98	3.56
936.00	15.30	96.20	928.26	80.15	-8.38	79.72	80.16	96.00	1.61
966.00	16.50	96.50	957.11	88.37	-9.29	87.89	88.38	96.03	4.01
996.00	17.50	93.50	985.80	97.14	-10.04	96.62	97.14	95.93	4.43

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
1027.00	18.80	93.50	1015.26	106.79	-10.63	106.26	106.79	95.71	4.19
1058.00	19.20	93.30	1044.57	116.88	-11.23	116.33	116.88	95.51	1.31
1088.00	20.40	93.50	1072.79	127.03	-11.83	126.48	127.03	95.35	4.01
1119.00	21.50	94.50	1101.74	138.11	-12.61	137.54	138.11	95.24	3.73
1149.00	21.90	96.90	1129.62	149.20	-13.71	148.57	149.20	95.27	3.24
1180.00	22.90	96.80	1158.28	161.01	-15.12	160.30	161.01	95.39	3.23
1209.00	24.10	97.20	1184.87	172.57	-16.53	171.78	172.57	95.50	4.17
1240.00	24.50	98.50	1213.13	185.31	-18.28	184.41	185.32	95.66	2.15
1273.00	25.60	97.00	1243.02	199.27	-20.16	198.26	199.28	95.81	3.85
1304.00	26.60	97.80	1270.86	212.90	-21.91	211.78	212.91	95.91	3.42
1335.00	27.80	97.00	1298.43	227.06	-23.74	225.83	227.08	96.00	4.05
1366.00	28.30	97.00	1325.79	241.64	-25.51	240.30	241.65	96.06	1.61
1397.00	28.80	97.50	1353.02	256.44	-27.38	255.00	256.46	96.13	1.79
1429.00	30.30	96.40	1380.86	272.22	-29.29	270.66	272.24	96.18	4.98
1460.00	31.70	96.20	1407.43	288.18	-31.04	286.53	288.21	96.18	4.53
1492.00	32.90	97.70	1434.48	305.27	-33.11	303.50	305.31	96.23	4.51
1523.00	34.10	96.00	1460.33	322.38	-35.15	320.49	322.41	96.26	4.91
1555.00	34.80	95.90	1486.72	340.48	-37.03	338.50	340.51	96.24	2.19
1587.00	35.70	97.40	1512.85	358.94	-39.17	356.84	358.98	96.26	3.90
1618.00	36.90	95.90	1537.83	377.29	-41.29	375.07	377.33	96.28	4.82
1650.00	37.90	96.80	1563.25	396.72	-43.44	394.38	396.77	96.29	3.56
1681.00	37.80	96.40	1587.73	415.74	-45.63	413.28	415.79	96.30	.85
1713.00	38.50	93.60	1612.90	435.50	-47.35	432.96	435.55	96.24	5.83
1744.00	39.50	93.70	1636.99	455.00	-48.59	452.43	455.04	96.13	3.23
1774.00	40.10	91.50	1660.04	474.18	-49.46	471.61	474.20	95.99	5.10
1806.00	40.10	91.70	1684.52	494.74	-50.03	492.22	494.75	95.80	.40
1838.00	39.30	89.00	1709.14	515.10	-50.16	512.65	515.10	95.59	5.94
1869.00	38.90	89.50	1733.20	534.54	-49.90	532.20	534.54	95.36	1.64
1901.00	38.50	92.00	1758.17	554.48	-50.16	552.21	554.48	95.19	5.04
1933.00	38.80	93.00	1783.16	574.44	-51.04	572.17	574.44	95.10	2.17
1964.00	39.10	94.40	1807.27	593.92	-52.30	591.62	593.93	95.05	3.00
1996.00	39.30	95.00	1832.07	614.14	-53.95	611.78	614.15	95.04	1.34
2027.00	39.50	96.50	1856.03	633.81	-55.92	631.35	633.82	95.06	3.14
2059.00	39.50	95.50	1880.72	654.17	-58.05	651.59	654.18	95.09	1.99
2090.00	39.60	95.80	1904.62	673.91	-60.00	671.24	673.91	95.11	.70
2121.00	39.70	98.20	1928.49	693.68	-62.41	690.87	693.68	95.16	4.95
2153.00	39.90	96.90	1953.08	714.14	-65.10	711.17	714.15	95.23	2.67
2185.00	40.10	98.20	1977.59	734.70	-67.80	731.56	734.70	95.29	2.69
2216.00	40.00	98.00	2001.32	754.62	-70.61	751.31	754.62	95.37	.53
2248.00	40.10	97.20	2025.82	775.20	-73.33	771.72	775.20	95.43	1.64
2279.00	40.00	96.00	2049.55	795.14	-75.63	791.53	795.14	95.46	2.51
2311.00	40.10	95.70	2074.04	815.73	-77.73	812.02	815.73	95.47	.68
2342.00	40.00	94.80	2097.77	835.67	-79.55	831.88	835.68	95.46	1.90
2374.00	39.60	94.20	2122.36	856.16	-81.16	852.30	856.16	95.44	1.73
2405.00	39.70	93.90	2146.23	875.93	-82.55	872.03	875.93	95.41	.70

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
2437.00	39.80	93.40	2170.83	896.38	-83.86	892.45	896.38	95.37	1.05
2468.00	39.60	95.50	2194.68	916.18	-85.39	912.19	916.18	95.35	4.37
2500.00	39.50	96.00	2219.36	936.56	-87.43	932.47	936.56	95.36	1.04
2531.00	39.70	95.20	2243.24	956.32	-89.36	952.13	956.32	95.36	1.77
2562.00	39.70	96.20	2267.09	976.12	-91.33	971.83	976.12	95.37	2.06
2594.00	39.60	96.00	2291.73	996.53	-93.50	992.14	996.53	95.38	.51
2625.00	39.80	96.20	2315.58	1016.33	-95.60	1011.83	1016.33	95.40	.77
2657.00	39.90	95.50	2340.15	1036.84	-97.69	1032.23	1036.84	95.41	1.44
2688.00	40.10	95.50	2363.90	1056.76	-99.60	1052.06	1056.76	95.41	.65
2720.00	39.70	94.00	2388.45	1077.29	-101.30	1072.51	1077.29	95.40	3.26
2751.00	39.40	94.50	2412.35	1097.02	-102.77	1092.20	1097.02	95.38	1.41
2783.00	37.60	95.40	2437.39	1116.94	-104.48	1112.04	1116.94	95.37	5.89
2814.00	36.30	96.00	2462.17	1135.58	-106.33	1130.59	1135.58	95.37	4.35
2846.00	35.40	97.80	2488.10	1154.31	-108.58	1149.19	1154.31	95.40	4.33
2878.00	35.60	96.20	2514.16	1172.88	-110.84	1167.63	1172.88	95.42	2.97
2909.00	34.70	96.50	2539.50	1190.73	-112.82	1185.37	1190.73	95.44	2.96
2940.00	33.70	96.00	2565.14	1208.15	-114.71	1202.69	1208.15	95.45	3.35
2971.00	32.70	94.90	2591.08	1225.12	-116.33	1219.59	1225.12	95.45	3.77
3003.00	31.90	93.90	2618.13	1242.22	-117.64	1236.64	1242.22	95.43	3.01
3034.00	31.80	91.90	2644.46	1258.56	-118.47	1252.97	1258.56	95.40	3.42
3066.00	30.30	92.80	2671.88	1275.04	-119.14	1269.46	1275.04	95.36	4.91
3098.00	28.90	94.40	2699.70	1290.84	-120.13	1285.24	1290.84	95.34	5.02
3129.00	27.70	94.00	2727.00	1305.53	-121.21	1299.89	1305.53	95.33	3.92
3161.00	26.80	94.20	2755.44	1320.18	-122.26	1314.51	1320.18	95.31	2.83
3192.00	26.30	93.70	2783.18	1334.03	-123.21	1328.33	1334.03	95.30	1.77
3223.00	25.70	95.70	2811.04	1347.62	-124.32	1341.87	1347.62	95.29	3.43
3255.00	25.10	97.40	2839.95	1361.34	-125.89	1355.51	1361.34	95.31	2.95
3286.00	24.30	97.90	2868.11	1374.28	-127.61	1368.35	1374.28	95.33	2.67
3318.00	24.20	96.90	2897.29	1387.42	-129.30	1381.38	1387.42	95.35	1.32
3349.00	24.40	97.00	2925.54	1400.17	-130.85	1394.04	1400.17	95.36	.66
3381.00	23.80	97.50	2954.75	1413.23	-132.49	1407.00	1413.23	95.38	1.98
3412.00	22.80	97.70	2983.22	1425.48	-134.11	1419.16	1425.48	95.40	3.24
3444.00	21.70	97.80	3012.84	1437.59	-135.75	1431.16	1437.59	95.42	3.44
3475.00	21.40	96.50	3041.67	1448.97	-137.17	1442.46	1448.97	95.43	1.82
3507.00	21.00	95.50	3071.51	1460.54	-138.38	1453.97	1460.54	95.44	1.69
3538.00	21.40	93.80	3100.41	1471.75	-139.28	1465.14	1471.75	95.43	2.37
3570.00	21.30	93.50	3130.21	1483.39	-140.03	1476.77	1483.39	95.42	.46
3601.00	20.30	92.70	3159.19	1494.39	-140.62	1487.76	1494.39	95.40	3.35
3633.00	19.20	93.40	3189.31	1505.20	-141.20	1498.56	1505.20	95.38	3.52
3664.00	18.20	93.50	3218.67	1515.13	-141.79	1508.48	1515.13	95.37	3.23
3696.00	16.90	93.50	3249.18	1524.77	-142.38	1518.11	1524.77	95.36	4.06
3727.00	15.50	94.20	3278.95	1533.42	-142.96	1526.74	1533.42	95.35	4.56
3759.00	14.30	94.00	3309.87	1541.64	-143.55	1534.95	1541.64	95.34	3.75
3790.00	13.10	92.50	3339.99	1548.98	-143.97	1542.28	1548.98	95.33	4.04
3820.00	12.20	92.20	3369.26	1555.54	-144.24	1548.84	1555.54	95.32	3.01

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
3852.00	11.10	94.20	3400.60	1562.00	-144.60	1555.29	1562.00	95.31	3.66
3884.00	9.60	96.50	3432.08	1567.74	-145.12	1561.01	1567.75	95.31	4.86
3915.00	8.40	95.70	3462.70	1572.59	-145.64	1565.84	1572.59	95.31	3.89
3947.00	7.40	96.00	3494.40	1576.99	-146.09	1570.21	1576.99	95.32	3.13
3978.00	6.30	96.50	3525.17	1580.69	-146.49	1573.89	1580.69	95.32	3.55
4010.00	5.60	96.40	3557.00	1584.00	-146.86	1577.18	1584.01	95.32	2.19
4041.00	4.60	97.70	3587.88	1586.76	-147.20	1579.92	1586.76	95.32	3.25
4073.00	4.40	95.50	3619.78	1589.27	-147.49	1582.41	1589.27	95.32	.83
Last Nevis MWD Survey									
4110.00	3.80	100.90	3656.68	1591.91	-147.86	1585.03	1591.91	95.33	1.93
Projection to TD									
4160.00	3.75	101.00	3706.58	1595.18	-148.48	1588.26	1595.19	95.34	.10