

District I
1625 N. French Drive, Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First Street, Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Drive, Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to
Appropriate District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Drive
Santa Fe, NM 87505

☒ AMENDED REPORT

as Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-31203	*Pool Code 27194	*Pool Name GAVILAN MANCOS
*Property Code 313902	*Property Name REGINA COM 25-2-14-15	*Well Number 1H
*GRID No. 27194	*Operator Name ANSCHUTZ EXPLORATION CORPORATION	*Elevation 7306'

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
B	14	25N	2W		1070	NORTH	2383	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
B	15	25N	2W		865	NORTH	1825	EAST	RIO ARriba

¹² Dedicated Acres 640.0	W/2 Section 14 E/2 Section 15	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

END-OF-LATERAL
865' FNL 1825' FEL
SECTION 15, T25N, R2W
LAT: 36.40281°N
LONG: 107.03411°W
DATUM: NAD1927

LAT: 36.40282°N
LONG: 107.03471°W
DATUM: NAD1983

POINT-OF-ENTRY
892' FNL 2272' FWL
SECTION 14, T25N, R2W
LAT: 36.40272°N
LONG: 107.02019°W
DATUM: NAD1927

LAT: 36.40273°N
LONG: 107.02078°W
DATUM: NAD1983

SURFACE LOCATION
1070' FNL 2383' FEL
SECTION 14, T25N, R2W
LAT: 36.40223°N
LONG: 107.01808°W
DATUM: NAD1927

LAT: 36.40224°N
LONG: 107.01867°W
DATUM: NAD1983

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 unless 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 *John C. Thompson* Date *8/31/15*
Printed Name *John C. Thompson*
E-mail Address *johnnewalsheng.net*

¹⁸ SURVEYOR CERTIFICATION

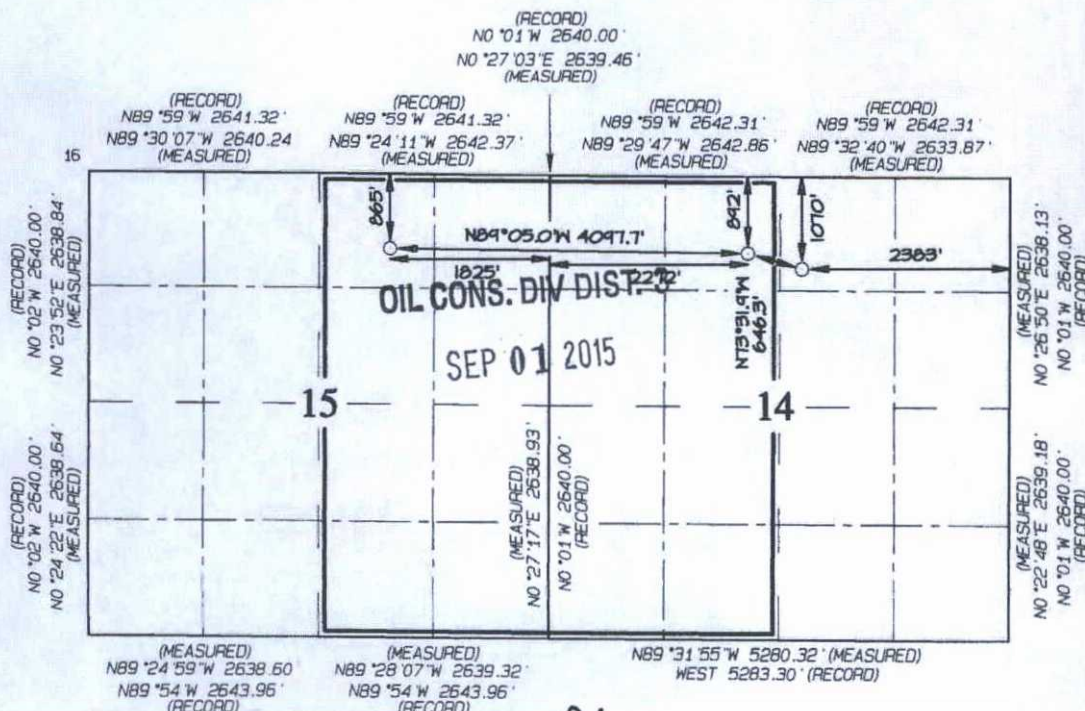
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: JULY 31, 2015
Survey Date: OCTOBER 15, 2014

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269





Gyrodata Incorporated
10504 WCR 72
Midland, TX 79707

Main: 432-561-8458
Fax: 432-563-7982

OIL CONS. DIV DIST. 3

OCT 26 2015

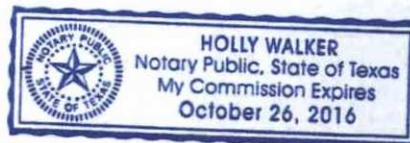
State of Texas
County of Midland

I, Wade Adams, certify that; I am employed by Gyrodata Inc.; that I am authorized and qualified to review the MWD Magnetic survey from a depth of 389 feet to a depth of 11348 feet conducted on the day(s) of 12/07/2014 through 01/20/2015; that this survey was conducted at the request of Anschutz Exploration Corp. for the Regina #25-2-14-15 API No. 30-039-21203 in Rio Arriba County, New Mexico; that the data is true, correct, complete, and within the limitations of the tool as set forth by Gyrodata Inc; that I am authorized and qualified to make this report; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Gyrodata Inc.

Wade Adams
District Manager – West Texas Region

On this the 23rd day of October 23, 2015 appeared before me, Wade Adams, to sign and certify this original document.

Holly Walker
Notary Public for the State of Texas



A Gyrodata Directional Survey

FINAL DEFINITIVE COPY

for

ANSCHUTZ EXPLORATION CORP.

Lease: Regina Well: 25-2-14-15, 7" Hole
Location: Aztec 1111, Rio Arriba County

Job Number: FD1114DPM128

Run Date: 07 Dec 2014 to 20 Jan 2015
Report Generated: 23 Oct 2015 09:40

Surveyor: Robert Porter, Richard Mauel

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 36.402230 deg. N Longitude: 107.018080 deg. W

Magnetic Declination: 9.1100 deg
Total Correction: 9.1100 deg

Proposed Well Direction: 270.500 deg

Depth Reference: Rotary Table

Air Gap (RKB to Ground / RKB to MSL): 17.00

Ground Elevation (Ground to MSL / MSL to Mudline): 7306.00

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

A Gyrodata Directional Survey

Anschutz Exploration Corp.

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Location: Aztec 1111, Rio Arriba County

Job Number: FD1114DPM128

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
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389.0 FT. TO 11348.0 FT. MAGNETIC MEASUREMENT WHILE DRILLING SURVEY
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO Aztec 1111

0.00	0.00	0.00	0.00	0.00	0.0 0.0	0.00 N 0.00 E
NO TIE-ON DATA PROVIDED. TIE-ON TO SURFACE.						
389.00	0.40	256.60	0.10	389.00	1.4 256.6	0.31 S 1.32 W
423.00	0.40	266.10	0.19	423.00	1.6 257.3	0.35 S 1.55 W
453.00	0.40	265.10	0.02	453.00	1.8 258.3	0.37 S 1.76 W
483.00	0.30	278.60	0.43	482.99	2.0 259.4	0.36 S 1.95 W
604.00	0.40	288.50	0.10	603.99	2.7 266.1	0.18 S 2.66 W
666.00	0.40	290.40	0.02	665.99	3.1 269.3	0.04 S 3.07 W
696.00	0.40	296.80	0.15	695.99	3.3 270.8	0.05 N 3.26 W
757.00	0.40	289.90	0.08	756.99	3.7 273.4	0.21 N 3.65 W
818.00	0.50	287.40	0.17	817.99	4.1 275.1	0.37 N 4.10 W
879.00	0.80	299.80	0.54	878.98	4.8 277.9	0.66 N 4.73 W
940.00	0.70	299.20	0.16	939.98	5.5 281.0	1.05 N 5.42 W
1003.00	1.10	299.10	0.63	1002.97	6.5 283.7	1.53 N 6.29 W
1064.00	1.00	299.70	0.16	1063.96	7.6 286.0	2.08 N 7.26 W
1125.00	1.10	298.30	0.17	1124.95	8.6 287.7	2.62 N 8.24 W
1186.00	1.20	293.30	0.23	1185.94	9.9 288.7	3.15 N 9.34 W
1248.00	1.40	294.60	0.33	1247.92	11.3 289.3	3.72 N 10.63 W

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MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
1309.00	1.50	300.90	0.31	1308.90	12.8 290.3	4.45 N 11.99 W
1371.00	1.40	310.90	0.44	1370.88	14.3 292.0	5.36 N 13.26 W
1432.00	1.60	314.90	0.37	1431.86	15.8 294.1	6.45 N 14.42 W
1494.00	1.70	317.40	0.20	1493.84	17.5 296.3	7.73 N 15.66 W
1553.00	1.90	319.60	0.36	1552.81	19.2 298.4	9.12 N 16.88 W
1618.00	2.00	315.40	0.27	1617.77	21.3 300.3	10.75 N 18.38 W
1682.00	2.00	322.60	0.39	1681.73	23.4 302.1	12.43 N 19.84 W
1743.00	2.20	317.40	0.45	1742.69	25.6 303.6	14.14 N 21.28 W
1807.00	2.10	319.30	0.19	1806.64	27.9 304.9	15.93 N 22.88 W
1869.00	2.20	323.20	0.29	1868.60	30.1 306.1	17.75 N 24.33 W
1932.00	2.40	324.10	0.32	1931.55	32.5 307.5	19.79 N 25.83 W
1994.00	2.40	329.50	0.36	1993.49	35.0 308.9	21.96 N 27.25 W
2057.00	2.50	333.70	0.33	2056.44	37.5 310.5	24.32 N 28.53 W
2120.00	2.70	336.60	0.38	2119.37	40.1 312.2	26.92 N 29.73 W
2183.00	2.90	337.10	0.32	2182.30	42.9 313.9	29.75 N 30.93 W
2246.00	3.00	340.10	0.29	2245.21	45.9 315.6	32.77 N 32.12 W
2309.00	3.00	342.90	0.23	2308.13	48.9 317.3	35.89 N 33.16 W
2373.00	3.10	343.70	0.17	2372.04	51.9 318.9	39.15 N 34.14 W
2436.00	2.60	344.50	0.80	2434.96	54.8 320.3	42.17 N 35.00 W
2500.00	2.60	346.60	0.15	2498.89	57.4 321.5	44.98 N 35.72 W
2562.00	2.40	350.20	0.41	2560.83	59.9 322.7	47.62 N 36.27 W
2625.00	3.20	13.90	2.21	2623.76	62.2 324.5	50.63 N 36.07 W

A Gyrodata Directional Survey

Anschutz Exploration Corp.

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Location: Aztec 1111, Rio Arriba County

Job Number: FD1114DPM128

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
2688.00	4.00	16.20	1.29	2686.64	64.7 327.2	54.45 N 35.04 W
2749.00	4.70	17.30	1.16	2747.46	67.8 330.2	58.88 N 33.70 W
2812.00	5.30	16.30	0.96	2810.22	71.7 333.4	64.13 N 32.12 W
2873.00	5.40	16.70	0.17	2870.95	76.0 336.3	69.59 N 30.50 W
2936.00	5.40	17.20	0.07	2933.67	80.6 339.1	75.26 N 28.77 W
3000.00	5.20	16.80	0.32	2997.40	85.3 341.5	80.91 N 27.04 W
3062.00	5.00	17.40	0.33	3059.15	89.9 343.6	86.18 N 25.42 W
3125.00	4.70	18.50	0.50	3121.93	94.3 345.4	91.25 N 23.78 W
3188.00	4.60	21.00	0.36	3184.72	98.6 347.1	96.05 N 22.06 W
3251.00	3.90	19.60	1.12	3247.55	102.5 348.5	100.43 N 20.44 W
3314.00	3.10	19.00	1.27	3310.43	105.8 349.6	104.06 N 19.16 W
3377.00	2.60	20.20	0.80	3373.35	108.5 350.4	107.01 N 18.11 W
3440.00	2.20	30.00	0.91	3436.30	110.7 351.2	109.40 N 17.02 W
3503.00	1.10	50.00	1.95	3499.27	112.0 351.8	110.83 N 15.95 W
3566.00	0.60	92.30	1.22	3562.26	112.2 352.2	111.21 N 15.16 W
3628.00	0.80	97.10	0.34	3624.26	112.1 352.6	111.14 N 14.40 W
3690.00	0.80	106.80	0.22	3686.25	111.8 353.0	110.97 N 13.56 W
3744.00	0.60	103.20	0.38	3740.25	111.5 353.3	110.79 N 12.92 W
3813.00	1.10	101.50	0.73	3809.24	111.2 353.8	110.58 N 11.92 W
3845.00	0.90	107.60	0.71	3841.24	111.0 354.1	110.44 N 11.38 W
3908.00	1.10	103.60	0.34	3904.23	110.6 354.6	110.15 N 10.32 W

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Location: Aztec 1111, Rio Arriba County

Job Number: FD1114DPM128

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
3971.00	0.90	110.10	0.36	3967.22	110.2 355.2	109.84 N 9.27 W
4033.00	0.80	99.30	0.30	4029.21	109.9 355.6	109.60 N 8.38 W
4096.00	0.80	108.50	0.20	4092.20	109.6 356.1	109.39 N 7.53 W
4158.00	0.90	112.30	0.19	4154.20	109.3 356.5	109.07 N 6.67 W
4221.00	1.00	106.80	0.21	4217.19	108.9 357.0	108.72 N 5.69 W
4282.00	0.90	117.00	0.32	4278.18	108.5 357.5	108.35 N 4.75 W
4344.00	0.80	122.60	0.21	4340.17	108.0 357.9	107.89 N 3.95 W
4406.00	1.00	121.80	0.32	4402.17	107.4 358.3	107.38 N 3.13 W
4468.00	0.80	119.80	0.33	4464.16	106.9 358.8	106.88 N 2.29 W
4531.00	0.90	122.40	0.17	4527.15	106.4 359.2	106.39 N 1.49 W
4593.00	0.80	123.00	0.16	4589.14	105.9 359.6	105.89 N 0.72 W
4656.00	0.70	135.80	0.31	4652.14	105.4 360.0	105.38 N 0.08 W
4718.00	1.00	130.00	0.50	4714.13	104.8 0.3	104.76 N 0.60 E
4780.00	0.70	129.40	0.48	4776.13	104.2 0.7	104.17 N 1.30 E
4842.00	1.00	130.50	0.48	4838.12	103.6 1.1	103.58 N 2.01 E
4904.00	1.00	130.50	0.00	4900.11	102.9 1.6	102.88 N 2.83 E
4967.00	1.00	121.40	0.25	4963.10	102.3 2.1	102.23 N 3.72 E
5030.00	0.90	126.80	0.21	5026.09	101.8 2.6	101.65 N 4.58 E
5092.00	0.90	134.80	0.20	5088.08	101.2 3.0	101.02 N 5.32 E
5155.00	1.00	136.50	0.16	5151.07	100.5 3.5	100.27 N 6.05 E
5217.00	0.90	127.10	0.30	5213.07	99.8 3.9	99.58 N 6.81 E
5280.00	0.90	138.50	0.28	5276.06	99.2 4.4	98.91 N 7.53 E

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Location: Aztec 1111, Rio Arriba County

Job Number: FD1114DPM128

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
5343.00	0.70	140.80	0.32	5339.05	98.6 4.7	98.25 N 8.10 E
5405.00	0.90	141.60	0.32	5401.05	98.0 5.1	97.57 N 8.64 E
5468.00	0.60	131.70	0.52	5464.04	97.4 5.4	96.96 N 9.20 E
5531.00	0.70	112.00	0.39	5527.04	97.1 5.8	96.60 N 9.80 E
5593.00	0.50	112.60	0.32	5589.03	96.9 6.2	96.35 N 10.40 E
5656.00	0.40	110.60	0.16	5652.03	96.8 6.4	96.17 N 10.86 E
5719.00	0.50	119.10	0.19	5715.03	96.6 6.7	95.96 N 11.31 E
5783.00	0.40	117.00	0.16	5779.03	96.4 7.0	95.72 N 11.75 E
5845.00	0.40	140.40	0.26	5841.03	96.2 7.2	95.46 N 12.08 E
5878.00	0.40	133.00	0.16	5874.02	96.1 7.3	95.29 N 12.24 E
5940.00	0.40	148.50	0.17	5936.02	95.8 7.5	94.96 N 12.51 E
6002.00	0.40	155.50	0.08	5998.02	95.4 7.7	94.58 N 12.71 E
6064.00	1.20	123.40	1.43	6060.02	95.0 8.1	94.02 N 13.34 E
6127.00	0.40	149.50	1.36	6123.01	94.5 8.5	93.47 N 14.01 E
6158.00	0.20	163.00	0.68	6154.01	94.4 8.6	93.32 N 14.08 E
6189.00	1.00	332.00	3.86	6185.01	94.5 8.5	93.51 N 13.97 E
6220.00	2.80	336.20	5.82	6215.99	95.4 8.2	94.44 N 13.53 E
6251.00	4.40	338.90	5.19	6246.93	97.1 7.6	96.25 N 12.80 E
6282.00	6.20	340.10	5.82	6277.79	99.6 6.8	98.93 N 11.80 E
6313.00	7.60	338.70	4.55	6308.57	102.9 5.8	102.41 N 10.49 E
6344.00	8.90	328.10	6.44	6339.25	106.7 4.6	106.36 N 8.48 E
6375.00	10.10	318.40	6.44	6369.82	110.6 2.8	110.43 N 5.40 E

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Location: Aztec 1111, Rio Arriba County

Job Number: FD1114DPM128

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
6406.00	11.90	312.60	6.81	6400.25	114.6 0.6	114.62 N 1.25 E
6437.00	13.70	307.20	6.97	6430.48	119.1 358.1	119.01 N 4.03 W
6469.00	15.60	303.20	6.72	6461.44	124.1 355.1	123.66 N 10.65 W
6500.00	16.80	298.10	6.00	6491.21	129.3 352.0	128.05 N 18.09 W
6531.00	18.40	291.80	8.02	6520.76	134.6 348.6	131.98 N 26.59 W
6562.00	20.50	286.10	9.12	6550.00	140.1 345.0	135.30 N 36.35 W
6593.00	23.10	281.00	10.37	6578.78	145.9 341.0	137.97 N 47.54 W
6625.00	25.90	278.00	9.57	6607.90	152.7 336.6	140.14 N 60.62 W
6656.00	28.90	275.60	10.31	6635.42	160.3 332.2	141.81 N 74.78 W
6687.00	32.00	274.80	10.08	6662.14	169.4 327.7	143.23 N 90.43 W
6718.00	35.50	273.70	11.46	6687.91	180.2 323.3	144.50 N 107.60 W
6749.00	38.40	273.70	9.35	6712.68	192.8 319.1	145.70 N 126.20 W
6780.00	41.70	274.00	10.66	6736.41	207.3 315.2	147.04 N 146.09 W
6812.00	44.90	274.60	10.08	6759.69	224.3 311.5	148.69 N 167.98 W
6844.00	48.10	275.50	10.21	6781.72	243.4 308.3	150.74 N 191.09 W
6875.00	50.20	276.00	6.88	6801.99	263.5 305.5	153.09 N 214.42 W
6906.00	52.90	275.70	8.74	6821.27	284.8 303.1	155.56 N 238.57 W
6938.00	56.30	275.10	10.73	6839.80	308.1 300.9	158.01 N 264.54 W
6970.00	60.10	274.40	12.02	6856.66	332.8 298.8	160.26 N 291.63 W
7001.00	63.50	272.90	11.77	6871.31	357.7 296.9	161.99 N 318.90 W
7033.00	66.70	272.70	10.02	6884.78	384.4 295.2	163.41 N 347.88 W

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MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
7064.00	70.00	272.30	10.71	6896.22	411.1 293.6	164.67 N 376.66 W
7096.00	74.00	272.70	12.56	6906.10	439.6 292.2	166.00 N 407.06 W
7127.00	77.30	272.90	10.66	6913.78	468.0 291.0	167.46 N 437.06 W
7159.00	79.70	273.50	7.72	6920.16	498.0 289.9	169.21 N 468.36 W
7190.00	82.20	273.30	8.09	6925.04	527.4 288.9	171.03 N 498.92 W
7222.00	86.00	273.40	11.88	6928.33	558.1 288.0	172.89 N 530.69 W
7234.00	87.50	273.10	12.75	6929.01	569.7 287.7	173.57 N 542.65 W

END 7 INCH HOLE SECTION						
BEGIN 5 INCH HOLE SECTION						
7324.00	92.80	272.50	5.93	6928.77	657.1 285.7	177.96 N 632.51 W
7356.00	93.10	272.90	1.56	6927.13	688.2 285.1	179.47 N 664.43 W
7418.00	94.30	273.50	2.16	6923.13	748.9 284.1	182.92 N 726.21 W
7481.00	93.30	271.10	4.12	6918.95	810.5 283.2	185.44 N 789.01 W
7544.00	91.70	268.80	4.44	6916.20	871.9 282.3	185.39 N 851.94 W
7608.00	90.90	268.90	1.26	6914.75	934.2 281.4	184.10 N 915.91 W
7670.00	90.50	269.00	0.67	6913.99	994.9 280.6	182.97 N 977.90 W
7733.00	90.80	270.30	2.12	6913.28	1056.8 279.9	182.58 N 1040.89 W
7796.00	89.70	270.80	1.92	6913.00	1119.0 279.4	183.19 N 1103.89 W
7859.00	90.10	270.90	0.65	6913.11	1181.3 279.0	184.12 N 1166.88 W
7923.00	90.30	270.40	0.84	6912.89	1244.7 278.5	184.85 N 1230.88 W

A Gyrodata Directional Survey

Anschutz Exploration Corp.

Lease: Regina Well: 25-2-14-15, 7" Hole

Location: Aztec 1111, Rio Arriba County

Job Number: FD1114DPM128

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
7986.00	90.40	270.50	0.22	6912.50	1307.1 278.2	185.34 N 1293.87 W
8049.00	90.00	270.20	0.79	6912.28	1369.5 277.8	185.73 N 1356.87 W
8079.00	90.60	269.60	2.83	6912.13	1399.2 277.6	185.68 N 1386.87 W
8143.00	90.10	270.40	1.47	6911.74	1462.7 277.3	185.68 N 1450.87 W
8206.00	89.50	270.10	1.06	6911.96	1525.2 277.0	185.95 N 1513.87 W
8269.00	90.60	271.30	2.58	6911.90	1587.9 276.8	186.72 N 1576.86 W
8331.00	90.90	271.40	0.51	6911.09	1649.6 276.6	188.18 N 1638.84 W
8394.00	92.10	271.90	2.06	6909.44	1712.4 276.4	189.99 N 1701.79 W
8457.00	91.60	271.20	1.36	6907.41	1775.1 276.2	191.70 N 1764.73 W
8520.00	90.90	271.30	1.12	6906.03	1837.9 276.0	193.07 N 1827.70 W
8582.00	91.20	270.90	0.81	6904.90	1899.6 275.9	194.26 N 1889.68 W
8644.00	91.10	271.20	0.51	6903.65	1961.4 275.7	195.40 N 1951.66 W
8708.00	90.60	271.30	0.80	6902.70	2025.2 275.6	196.79 N 2015.63 W
8770.00	89.50	271.20	1.78	6902.65	2087.0 275.4	198.15 N 2077.62 W
8833.00	89.60	270.80	0.65	6903.14	2149.9 275.3	199.24 N 2140.61 W
8896.00	89.30	270.10	1.21	6903.75	2212.6 275.2	199.74 N 2203.60 W
8960.00	90.20	269.30	1.88	6904.03	2276.3 275.0	199.40 N 2267.60 W
9023.00	92.40	269.00	3.52	6902.60	2339.0 274.9	198.47 N 2330.57 W
9085.00	92.60	269.10	0.36	6899.89	2400.6 274.7	197.44 N 2392.50 W
9148.00	92.70	269.70	0.96	6896.98	2463.3 274.6	196.78 N 2455.43 W
9211.00	92.40	269.20	0.92	6894.18	2526.0 274.5	196.18 N 2518.37 W
9274.00	91.50	269.80	1.72	6892.03	2588.7 274.3	195.63 N 2581.33 W

A Gyrodata Directional Survey

Anschutz Exploration Corp.

Lease: Regina Well: 25-2-14-15, 7" Hole

Location: Aztec 1111, Rio Arriba County

Job Number: FD1114DPM128

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
9336.00	91.30	270.00	0.46	6890.52	2650.5 274.2	195.52 N 2643.31 W
9399.00	91.00	270.30	0.67	6889.26	2713.4 274.1	195.69 N 2706.30 W
9462.00	91.30	270.10	0.57	6887.99	2776.2 274.0	195.91 N 2769.28 W
9525.00	90.40	270.10	1.43	6887.06	2839.1 274.0	196.02 N 2832.28 W
9588.00	90.70	269.70	0.79	6886.45	2901.9 273.9	195.91 N 2895.27 W
9679.00	91.50	270.60	1.32	6884.70	2992.7 273.8	196.15 N 2986.25 W
9742.00	93.50	272.20	4.06	6881.96	3055.6 273.7	197.68 N 3049.17 W
9776.00	93.20	273.00	2.51	6879.97	3089.5 273.7	199.22 N 3083.08 W
9839.00	92.10	272.70	1.81	6877.06	3152.4 273.7	202.35 N 3145.93 W
9902.00	93.00	272.60	1.44	6874.25	3215.4 273.7	205.26 N 3208.80 W
9965.00	91.30	271.90	2.92	6871.89	3278.3 273.6	207.73 N 3271.70 W
10027.00	90.20	270.20	3.27	6871.08	3340.2 273.6	208.87 N 3333.68 W
10090.00	90.10	270.80	0.97	6870.91	3403.1 273.5	209.42 N 3396.68 W
10153.00	89.80	270.90	0.50	6870.97	3466.1 273.5	210.35 N 3459.67 W
10216.00	91.50	271.00	2.70	6870.25	3529.0 273.4	211.40 N 3522.66 W
10280.00	91.90	270.90	0.64	6868.36	3592.9 273.4	212.46 N 3586.62 W
10343.00	92.60	270.80	1.12	6865.88	3655.8 273.3	213.39 N 3649.57 W
10406.00	91.30	270.80	2.06	6863.74	3718.7 273.3	214.27 N 3712.52 W
10469.00	90.50	269.60	2.29	6862.75	3781.6 273.3	214.49 N 3775.51 W
10532.00	89.90	269.80	1.00	6862.53	3844.5 273.2	214.16 N 3838.51 W
10595.00	89.50	269.20	1.14	6862.86	3907.4 273.1	213.61 N 3901.51 W

A Gyrodata Directional Survey

Anschutz Exploration Corp.

Lease: Regina Well: 25-2-14-15, 7" Hole

Location: Aztec 1111, Rio Arriba County

Job Number: FD1114DPM128

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
10658.00	89.30	269.00	0.45	6863.52	3970.2 273.1	212.62 N 3964.50 W
10720.00	91.00	268.00	3.18	6863.36	4032.0 273.0	211.00 N 4026.47 W
10783.00	92.50	267.60	2.46	6861.43	4094.7 272.9	208.58 N 4089.39 W
10846.00	93.10	267.60	0.95	6858.35	4157.4 272.8	205.95 N 4152.26 W
10908.00	92.40	268.50	1.84	6855.38	4219.1 272.8	203.84 N 4214.16 W
10970.00	91.00	269.70	2.97	6853.54	4280.9 272.7	202.87 N 4276.12 W
11033.00	90.50	269.40	0.93	6852.72	4343.8 272.7	202.37 N 4339.11 W
11096.00	90.60	270.00	0.97	6852.11	4406.7 272.6	202.04 N 4402.11 W
11159.00	90.30	271.60	2.58	6851.62	4469.7 272.6	202.92 N 4465.10 W
11222.00	90.10	271.60	0.32	6851.40	4532.7 272.6	204.68 N 4528.07 W
11285.00	89.70	271.40	0.71	6851.51	4595.7 272.6	206.33 N 4591.05 W
11348.00	90.60	272.00	1.72	6851.34	4658.7 272.6	208.20 N 4654.02 W

Final Station Closure: Distance: 4658.67 ft Az: 272.56 deg.