

16	RECEIVED MAR 10 2006 OCU-ANTERIOR	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. <i>Brenda Coffman</i> 03/08/2006 Signature Date <u>Brenda Coffman</u> 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. Date of Survey Signature and Seal of Professional Surveyor:
		Certificate Number

OPERATOR Chesapeake Operating, Inc.
WELL/LEASE Limestone Draw 35 Fed. 1
COUNTY Eddy, NM

058-0043

STATE OF NEW MEXICO
DEVIATION REPORT

80	1/2
379	3/4
861	1
1,348	1
1,819	2
1,945	1 3/4
2,102	1 1/4
2,466	1 3/4

RECEIVED

MAR 10 2006

OCD-ARTESIA

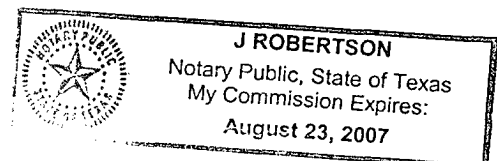
BY: *Steve Moore*

STATE OF TEXAS
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson - UTI Drilling Company, LP, LLLP.

February 20, 2006, by Steve

J Robertson
Notary Public for Midland County, Texas
My Commission Expires: 8/23/07



0 to LG 2-22-06



INTEQ

2105 market Street Midland, TX 79703 Ph. (432)694-9517 Fax. (432)694-5648

Survey Report
Chesapeake Operating Inc.

Limestone Draw 35 Federal #1

Eddy County, NM

MWD Single Shot

RECEIVED

MAR 10 2006

OCU-ANTECOM

Prepared By Oscar Gomez
Monday, February 27, 2006

CHESAPEAKE OPERATING, INC.
Limestone Draw 35 Fed.#1, slot #1
Eddy County New Mexico

SURVEY LISTING Page 1
Your ref : Single Shots
Last revised : 27-Feb-2006

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect
0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00	0.00
200.00	1.50	178.37	199.98	2.62 S	0.07 E	0.75	0.51
400.00	2.00	175.19	399.88	8.71 S	0.44 E	0.25	1.51
600.00	1.50	182.98	599.79	14.80 S	0.60 E	0.28	2.72
800.00	1.50	192.78	799.72	19.97 S	0.12 W	0.13	4.57
1000.00	1.50	183.59	999.65	25.14 S	0.86 W	0.12	6.45
1200.00	2.00	186.40	1199.56	31.22 S	1.41 W	0.25	8.35
1400.00	1.50	198.19	1399.47	37.17 S	2.62 W	0.31	10.85
1600.00	1.50	196.00	1599.40	42.17 S	4.16 W	0.03	13.47
1800.00	1.50	189.80	1799.33	47.27 S	5.32 W	0.08	15.74
2000.00	1.50	189.61	1999.26	52.43 S	6.21 W	0.00	17.76
2200.00	1.75	180.41	2199.18	58.07 S	6.67 W	0.18	19.46
2400.00	1.50	189.02	2399.10	63.70 S	7.10 W	0.17	21.14
2503.00	1.60	103.50	2502.07	65.37 S	5.91 W	2.04	20.36
2600.00	1.10	217.80	2599.06	66.42 S	5.17 W	2.36	19.86
2663.00	1.40	269.10	2662.05	66.91 S	6.31 W	1.77	21.08
2726.00	2.30	274.40	2725.01	66.83 S	8.34 W	1.45	23.04
2790.00	2.50	275.80	2788.96	66.59 S	11.00 W	0.33	25.59
2853.00	2.40	275.40	2851.90	66.33 S	13.68 W	0.16	28.15
2916.00	2.30	275.40	2914.85	66.08 S	16.26 W	0.16	30.60
2979.00	2.30	274.70	2977.79	65.86 S	18.78 W	0.04	33.00
3074.00	2.50	275.00	3072.71	65.52 S	22.74 W	0.21	36.79
3169.00	2.60	279.30	3167.62	65.00 S	26.93 W	0.23	40.76
3264.00	3.20	261.70	3262.50	65.03 S	31.68 W	1.12	45.40
3359.00	2.40	276.50	3357.38	65.19 S	36.28 W	1.13	49.92
3454.00	2.50	270.80	3452.30	64.93 S	40.33 W	0.28	53.81
3548.00	2.30	272.20	3546.22	64.83 S	44.26 W	0.22	57.62
3643.00	2.20	267.70	3641.14	64.83 S	47.99 W	0.21	61.25
3737.00	2.10	263.40	3735.08	65.10 S	51.50 W	0.20	64.74
3831.00	2.30	256.70	3829.01	65.73 S	55.05 W	0.35	68.34
3926.00	2.60	257.50	3923.92	66.64 S	59.01 W	0.32	72.40
4021.00	2.60	256.80	4018.82	67.60 S	63.21 W	0.03	76.71
4116.00	2.60	252.60	4113.72	68.73 S	67.36 W	0.20	81.01
4210.00	2.90	271.90	4207.62	69.29 S	71.77 W	1.03	85.43
4304.00	2.90	274.00	4301.50	69.05 S	76.52 W	0.11	90.01
4399.00	3.10	264.50	4396.37	69.13 S	81.48 W	0.56	94.85
4494.00	2.90	269.40	4491.24	69.40 S	86.44 W	0.34	99.75
4589.00	2.90	281.00	4586.12	68.96 S	91.20 W	0.62	104.29
4683.00	2.60	290.20	4680.01	67.77 S	95.54 W	0.57	108.25
4778.00	1.80	277.10	4774.94	66.85 S	99.04 W	0.99	111.46
4871.00	2.10	265.50	4867.89	66.80 S	102.19 W	0.53	114.52
4965.00	1.90	261.30	4961.83	67.17 S	105.44 W	0.26	117.78
5059.00	1.70	264.90	5055.78	67.53 S	108.37 W	0.24	120.71
5153.00	1.40	290.90	5149.75	67.24 S	110.83 W	0.80	123.05
5246.00	1.40	282.80	5242.72	66.59 S	113.00 W	0.21	125.02
5341.00	1.60	279.30	5337.69	66.12 S	115.44 W	0.23	127.29
5436.00	1.50	279.60	5432.65	65.69 S	117.98 W	0.11	129.67
5531.00	2.20	283.80	5527.60	65.05 S	120.98 W	0.75	132.44
5625.00	2.20	283.80	5621.53	64.19 S	124.48 W	0.00	135.67
5720.00	1.90	283.10	5716.47	63.40 S	127.78 W	0.32	138.71

All data is in feet unless otherwise stated.
Coordinates from structure and TVD from rotary table.
Bottom hole distance is 277.19 on azimuth 259.07 degrees from wellhead.
Vertical section is from S 0.00 W 0.00 on azimuth 257.10 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

CHESAPEAKE OPERATING, INC.
Limestone Draw 35 Fed.#1,slot #1
Eddy County New Mexico

SURVEY LISTING Page 2
Your ref : Single Shots
Last revised : 27-Feb-2006

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect
5816.00	2.30	281.40	5812.41	62.66 S	131.22 W	0.42	141.90
5911.00	2.20	278.90	5907.33	62.00 S	134.89 W	0.15	145.33
6004.00	2.40	276.10	6000.26	61.52 S	138.59 W	0.25	148.83
6099.00	2.00	270.50	6095.19	61.29 S	142.23 W	0.48	152.32
6193.00	2.80	283.10	6189.11	60.76 S	146.10 W	1.01	155.98
6288.00	2.60	280.30	6284.00	59.84 S	150.48 W	0.25	160.05
6383.00	2.20	283.80	6378.92	59.02 S	154.38 W	0.45	163.66
6478.00	2.20	274.70	6473.85	58.44 S	157.96 W	0.37	167.02
6572.00	2.90	272.90	6567.75	58.17 S	162.14 W	0.75	171.03
6666.00	2.40	268.70	6661.65	58.10 S	166.48 W	0.57	175.25
6760.00	2.80	270.80	6755.56	58.11 S	170.74 W	0.44	179.41
6855.00	2.90	263.40	6850.44	58.35 S	175.45 W	0.40	184.05
6950.00	2.80	273.60	6945.32	58.48 S	180.15 W	0.54	188.66
7044.00	2.50	265.20	7039.22	58.51 S	184.49 W	0.52	192.89
7139.00	3.10	275.40	7134.11	58.44 S	189.11 W	0.82	197.38
7234.00	2.90	274.70	7228.98	58.00 S	194.06 W	0.21	202.11
7328.00	2.90	270.50	7322.86	57.79 S	198.81 W	0.23	206.69
7423.00	2.50	265.50	7417.75	57.93 S	203.28 W	0.49	211.08
7517.00	2.50	281.70	7511.67	57.67 S	207.33 W	0.75	214.97
7612.00	2.90	274.30	7606.56	57.07 S	211.75 W	0.56	219.15
7707.00	1.60	265.90	7701.48	56.99 S	215.47 W	1.41	222.76
7770.00	2.30	281.70	7764.45	56.79 S	217.59 W	1.39	224.78
7834.00	2.70	283.50	7828.39	56.18 S	220.31 W	0.64	227.30
7897.00	2.20	279.20	7891.33	55.64 S	222.95 W	0.85	229.74
7960.00	2.60	267.70	7954.27	55.51 S	225.57 W	0.99	232.27
8024.00	3.30	267.30	8018.19	55.65 S	228.86 W	1.09	235.51
8087.00	3.10	278.90	8081.09	55.47 S	232.36 W	1.07	238.88
8150.00	3.00	278.50	8144.00	54.97 S	235.67 W	0.16	241.99
8211.00	2.70	278.50	8204.93	54.52 S	238.67 W	0.49	244.82
8275.00	2.30	279.30	8268.87	54.09 S	241.43 W	0.63	247.41
8337.00	2.40	269.40	8330.81	53.90 S	243.95 W	0.67	249.83
8400.00	3.20	259.90	8393.74	54.22 S	247.00 W	1.46	252.87
8463.00	3.20	257.50	8456.64	54.91 S	250.45 W	0.21	256.39
8527.00	3.30	257.40	8520.54	55.70 S	253.99 W	0.16	260.02
8590.00	3.10	258.90	8583.44	56.42 S	257.43 W	0.34	263.53
8652.00	2.90	258.50	8645.35	57.06 S	260.62 W	0.32	266.78
8747.00	2.30	257.10	8740.26	57.96 S	264.83 W	0.64	271.09
8811.00	1.20	254.00	8804.23	58.44 S	266.72 W	1.72	273.04
8874.00	0.20	27.90	8867.22	58.52 S	267.31 W	2.14	273.63
8937.00	0.20	22.60	8930.22	58.32 S	267.21 W	0.03	273.49
8999.00	0.40	0.10	8992.22	58.00 S	267.17 W	0.37	273.38
9063.00	0.30	355.00	9056.22	57.61 S	267.19 W	0.16	273.30
9125.00	0.20	6.50	9118.22	57.35 S	267.19 W	0.18	273.25
9188.00	0.20	344.60	9181.22	57.13 S	267.20 W	0.12	273.21
9250.00	0.40	325.50	9243.22	56.85 S	267.36 W	0.36	273.30
9311.00	0.30	328.10	9304.22	56.54 S	267.56 W	0.17	273.43
9374.00	0.30	316.50	9367.21	56.28 S	267.76 W	0.10	273.57
9428.00	0.40	319.60	9421.21	56.03 S	267.96 W	0.13	273.71
9515.00	0.60	302.80	9508.21	55.76 S	268.16 W	0.28	273.85
9518.00	0.20	274.30	9511.21	54.05 S	269.81 W	0.28	275.12

All data is in feet unless otherwise stated.
Coordinates from structure and TVD from rotary table.
Bottom hole distance is 277.19 on azimuth 259.07 degrees from wellhead.
Vertical section is from S 0.00 W 0.00 on azimuth 257.10 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

CHESAPEAKE OPERATING, INC.
Limestone Draw 35 Fed.#1, slot #1
, Eddy County New Mexico

SURVEY LISTING Page 3
Your ref : Single Shots
Last revised : 27-Feb-2006

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	RECTANGULAR COORDINATES	Dogleg Deg/100ft	Vert Sect
8920.00	0.50	321.70	8915.20	52.21	277.19	0.9
10153.00	0.60	319.00	10145.49	52.21	277.19	0.9

703' FNL ; 720' FEL

All data is in feet unless otherwise stated.
Coordinates from structure and TVD from rotary table.
Bottom hole distance is 277.19 on azimuth 259.07 degrees from wellhead.
Vertical section is from S 0.00 W 0.00 on azimuth 257.10 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ



CHESAPEAKE OPERATING, INC.

Structure : Limestone Draw 35 Fed.#1
Field :
Slot : slot #1
Location : Eddy County New Mexico

INTEQ

