

Submit 3 Copies To Appropriate District
Office
District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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 and Natural Resources

Form C-103
May 27, 2004

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

WELL API NO.	30-025-35817
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Trinity Burrus Abo Unit	
8. Well Number	4H
9. OGRID Number	147179
10. Pool name or Wildcat Trinity; Wolfcamp	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH
PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Chesapeake Operating Inc.

3. Address of Operator 2010 Rankin Hwy
Midland, TX 79701

4. Well Location
Unit Letter I : 2310 feet from the SOUTH line and 1210 feet from the EAST line
Section 22 Township 12S Range 38E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3800 GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

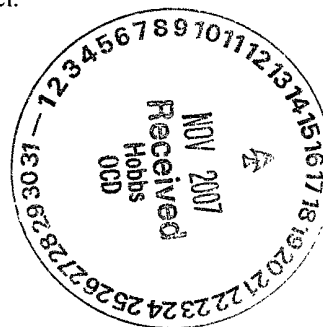
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

10/14/07. Run 226 jts 5 1/2 17# N-80 LTC csg set @ 10022 w/380 sx Prem H.

10/15/07. Release Patterson drlg #142 @ 3:00 p.m.

10/23/07. RIH w/209 jts 2 7/8 L-80 tbq @ 9293.

10/27/07. Acidize Wolfcamp 9360-10015 w/15 bbls 15% HCL, follow w/20000 gals 20% ultragel.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Shay Stricklin TITLE Regulatory Tech. DATE 11/14/2007

Type or print name Shay Stricklin E-mail address: sstricklin@chkenergy.com Telephone No. (432)687-2992
For State Use Only

APPROVED BY: Gay W. Wink TITLE OCD FIELD REPRESENTATIVE II/STAFF MANAGER DATE DEC 04 2007
Conditions of Approval (if any):



Job Number: MI-07394
 Company: Chesapeake Operating, Inc.
 Lease/Well: Trinity Burrus Abo Unit #4H
 Location: Lea County
 Rig Name: Patterson #142
 RKB: 3818'
 G.L. or M.S.L.: 3800'

State/Country: New Mexico
 Declination: 7.88981
 Grid: -0.61
 File name: Z:\2007\Q070490\Q070497\Q070497.SVY
 Date/Time: 18-Oct-07 / 10:39
 Curve Name: As-Drilled Trinity Burros Abo Unit #4H

WINSERVE PROPOSAL REPORT
 Minimum Curvature Method
 Vertical Section Plane 150.02
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

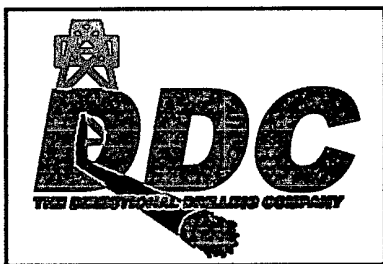
SUR: I - 22-12s-38e, 2310/S & 1210/E
 BHL: P-22-12s-38e, 1244/S & 587/E
 API #30-025-35817

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	Grid X FT	Grid Y FT
Distance FT	Direction Deg										
Tie-In to Gyro Survey											
4500.00	1.27	85.20	4499.65	24.21	-12.61	26.59	29.43	115.37	.00	871249.78	823160.04
4619.00	4.80	139.30	4618.48	29.67	-16.28	31.15	35.15	117.58	3.52	871254.34	823156.37
4651.00	5.60	141.70	4650.35	32.53	-18.52	32.99	37.83	119.30	2.59	871256.18	823154.13
4683.00	5.60	139.40	4682.19	35.61	-20.93	34.98	40.76	120.89	.70	871258.17	823151.72
4715.00	4.70	136.60	4714.07	38.41	-23.07	36.89	43.51	122.01	2.92	871260.08	823149.58
4747.00	3.80	127.70	4745.98	40.67	-24.67	38.63	45.84	122.56	3.48	871261.82	823147.98
4779.00	2.90	112.30	4777.92	42.29	-25.62	40.22	47.69	122.50	3.95	871263.41	823147.03
4811.00	2.20	89.30	4809.89	43.23	-25.92	41.59	49.00	121.94	3.83	871264.78	823146.73
4843.00	1.50	43.20	4841.88	43.41	-25.61	42.49	49.61	121.08	4.95	871265.68	823147.04
4875.00	1.40	352.70	4873.87	42.93	-24.92	42.72	49.46	120.25	3.88	871265.91	823147.73
4971.00	1.30	309.80	4969.84	40.83	-23.06	41.74	47.68	118.92	1.03	871264.93	823149.59
5035.00	1.20	306.40	5033.83	39.53	-22.19	40.64	46.31	118.64	.19	871263.83	823150.46

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	Grid X FT	Grid Y FT
5131.00	1.40	313.00	5129.80	37.49	-20.80	38.97	44.18	118.08	.26	871262.16	823151.85
5227.00	.40	171.40	5225.80	36.68	-20.33	38.17	43.24	118.04	1.80	871261.36	823152.32
5323.00	.40	139.20	5321.79	37.32	-20.91	38.43	43.76	118.55	.23	871261.62	823151.74
5419.00	.90	136.60	5417.79	38.38	-21.71	39.17	44.79	119.00	.52	871262.36	823150.94
5515.00	.80	122.50	5513.78	39.71	-22.62	40.26	46.18	119.33	.24	871263.45	823150.03
5610.00	.90	122.60	5608.77	40.96	-23.38	41.44	47.58	119.43	.11	871264.63	823149.27
5706.00	.80	147.20	5704.76	42.30	-24.35	42.44	48.93	119.84	.39	871265.63	823148.30
5803.00	.50	137.70	5801.75	43.39	-25.23	43.09	49.94	120.35	.33	871266.28	823147.42
5899.00	.50	145.60	5897.75	44.22	-25.89	43.61	50.72	120.69	.07	871266.80	823146.76
5995.00	.70	137.00	5993.74	45.21	-26.66	44.25	51.66	121.07	.23	871267.44	823145.99
6089.00	1.00	127.90	6087.73	46.52	-27.59	45.29	53.03	121.35	.35	871268.48	823145.06
6185.00	.80	110.20	6183.72	47.82	-28.33	46.58	54.52	121.31	.35	871269.77	823144.32
6281.00	1.00	107.60	6279.71	48.95	-28.82	48.00	55.99	120.98	.21	871271.19	823143.83
6377.00	.80	124.90	6375.69	50.17	-29.45	49.35	57.47	120.83	.35	871272.54	823143.20
6473.00	1.10	280.40	6471.69	50.18	-29.67	49.00	57.28	121.20	1.94	871272.19	823142.98
6569.00	.70	301.30	6567.68	49.07	-29.20	47.59	55.83	121.53	.53	871270.78	823143.45
6665.00	.30	301.50	6663.67	48.34	-28.76	46.87	54.99	121.54	.42	871270.06	823143.89
6761.00	.10	34.90	6759.67	48.08	-28.56	46.71	54.75	121.45	.34	871269.90	823144.09
6857.00	.50	42.10	6855.67	47.92	-28.18	47.04	54.83	120.93	.42	871270.23	823144.47
6953.00	.70	68.40	6951.67	47.87	-27.66	47.86	55.28	120.02	.35	871271.05	823144.99
7049.00	.50	32.40	7047.66	47.76	-27.09	48.63	55.67	119.12	.43	871271.82	823145.56
7145.00	.40	51.00	7143.66	47.52	-26.52	49.12	55.82	118.37	.18	871272.31	823146.13
7241.00	.40	35.90	7239.66	47.33	-26.04	49.57	56.00	117.71	.11	871272.76	823146.61
7337.00	.20	120.90	7335.66	47.34	-25.86	49.91	56.21	117.38	.45	871273.10	823146.79
7433.00	1.30	277.60	7431.65	46.82	-25.80	48.98	55.36	117.78	1.55	871272.17	823146.85
7529.00	1.30	265.50	7527.62	45.69	-25.74	46.81	53.42	118.80	.29	871270.00	823146.91
7625.00	1.60	268.60	7623.59	44.58	-25.86	44.39	51.37	120.22	.32	871267.58	823146.79
7721.00	1.20	268.60	7719.56	43.46	-25.91	42.04	49.39	121.65	.42	871265.23	823146.74
7817.00	1.10	265.00	7815.54	42.59	-26.02	40.12	47.82	122.97	.13	871263.31	823146.63
7913.00	1.40	103.90	7911.54	43.01	-26.38	40.34	48.20	123.18	2.57	871263.53	823146.27
8009.00	1.90	115.20	8007.50	45.13	-27.34	42.92	50.89	122.50	.62	871266.11	823145.31
8105.00	2.40	132.20	8103.43	48.35	-29.37	45.85	54.45	122.64	.84	871269.04	823143.28
8199.00	1.10	86.40	8197.39	50.62	-30.63	48.21	57.12	122.44	1.93	871271.40	823142.02

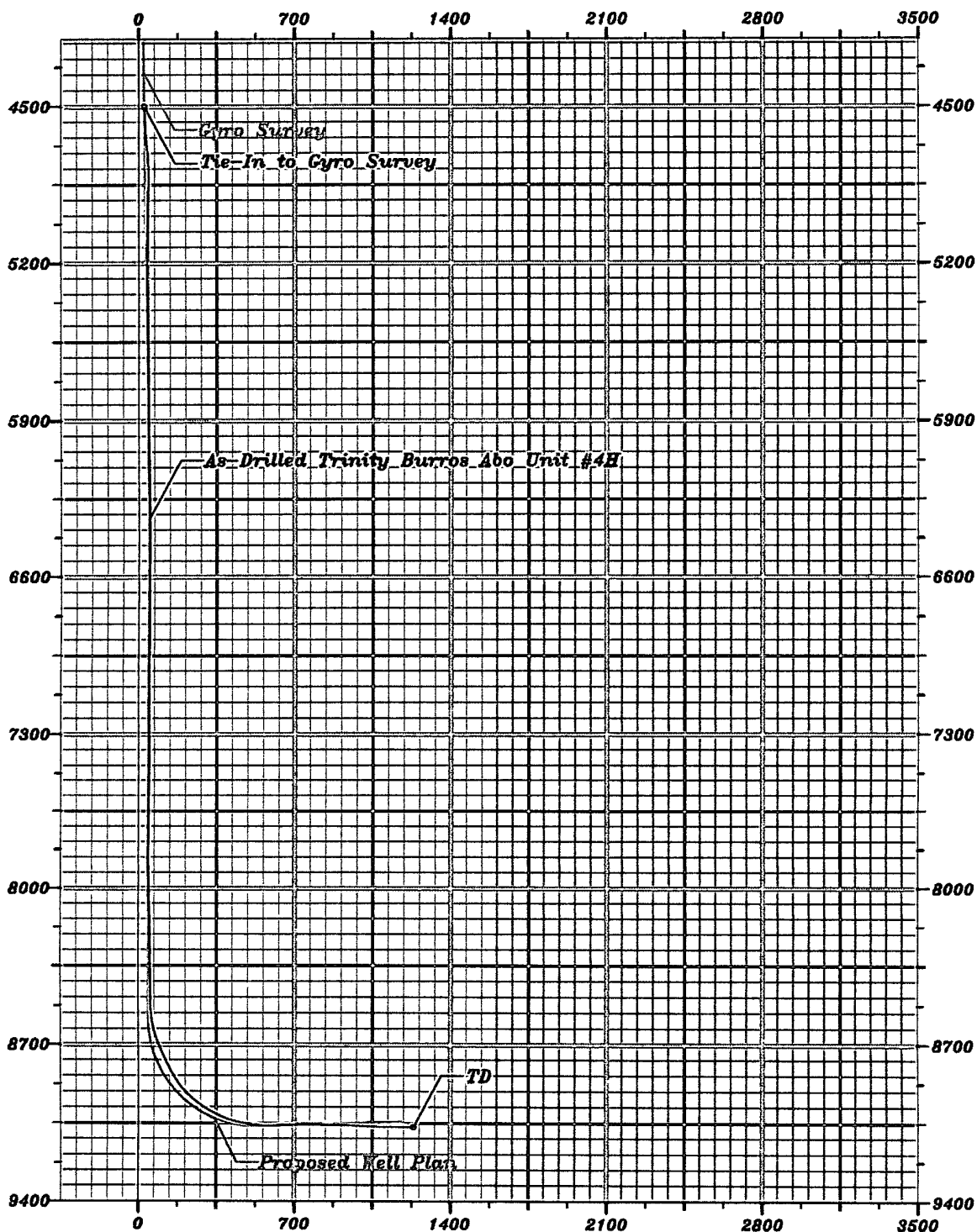
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	C L O S U R E		Dogleg Severity Deg/100	Grid X FT	Grid Y FT
8295.00	1.00	90.60	8293.37	51.46	-30.59	49.96	58.58	121.47	.13	871273.15	823142.06
8391.00	1.00	98.10	8389.36	52.40	-30.71	51.63	60.07	120.75	.14	871274.82	823141.94
8483.00	1.40	101.90	8481.34	53.65	-31.06	53.52	61.88	120.12	.44	871276.71	823141.59
8541.00	1.70	119.00	8539.32	54.86	-31.62	54.97	63.42	119.91	.94	871278.16	823141.03
8573.00	5.50	154.60	8571.25	56.79	-33.24	56.04	65.16	120.67	13.23	871279.23	823139.41
8605.00	10.20	157.00	8602.94	61.14	-37.23	57.81	68.76	122.78	14.72	871281.00	823135.42
8637.00	15.10	158.10	8634.15	68.08	-43.71	60.47	74.62	125.86	15.33	871283.66	823128.94
8669.00	19.50	158.70	8664.70	77.49	-52.56	63.97	82.79	129.41	13.76	871287.16	823120.09
8701.00	22.50	158.60	8694.57	88.83	-63.24	68.14	92.97	132.86	9.38	871291.33	823109.41
8733.00	24.30	158.20	8723.94	101.40	-75.05	72.82	104.58	135.86	5.65	871296.01	823097.60
8765.00	24.00	157.00	8753.14	114.38	-87.16	77.81	116.84	138.24	1.80	871301.00	823085.49
8797.00	25.10	155.50	8782.24	127.59	-99.32	83.17	129.55	140.06	3.95	871306.36	823073.33
8829.00	28.10	153.40	8810.85	141.88	-112.24	89.36	143.47	141.48	9.82	871312.55	823060.41
8861.00	31.20	153.40	8838.66	157.68	-126.40	96.45	158.99	142.65	9.69	871319.64	823046.25
8893.00	34.40	154.50	8865.56	174.97	-141.97	104.05	176.02	143.76	10.17	871327.24	823030.68
8925.00	39.00	154.10	8891.21	194.03	-159.20	112.35	194.85	144.79	14.39	871335.54	823013.45
8957.00	44.70	152.10	8915.03	215.34	-178.22	122.02	215.99	145.60	18.29	871345.21	822994.43
8989.00	49.50	149.80	8936.81	238.77	-198.69	133.41	239.33	146.12	15.90	871356.60	822973.96
9021.00	52.80	149.30	8956.88	263.69	-220.17	146.04	264.20	146.44	10.38	871369.23	822952.48
9053.00	56.40	149.20	8975.42	289.77	-242.58	159.38	290.26	146.69	11.25	871382.57	822930.07
9085.00	60.00	149.20	8992.28	316.96	-265.94	173.30	317.42	146.91	11.25	871396.49	822906.71
9117.00	63.50	148.90	9007.42	345.14	-290.11	187.80	345.59	147.08	10.97	871410.99	822882.54
9149.00	67.10	148.90	9020.79	374.20	-315.00	202.81	374.64	147.22	11.25	871426.00	822857.65
9181.00	71.00	149.30	9032.23	404.07	-340.64	218.16	404.51	147.36	12.24	871441.35	822832.01
9220.00	75.90	149.70	9043.33	441.44	-372.84	237.12	441.86	147.54	12.60	871460.31	822799.81
9252.00	79.80	150.00	9050.07	472.72	-399.89	252.83	473.11	147.70	12.22	871476.02	822772.76
9284.00	82.50	150.00	9054.99	504.34	-427.27	268.64	504.70	147.84	8.44	871491.83	822745.38
9309.00	83.90	149.60	9057.95	529.16	-448.72	281.13	529.51	147.93	5.82	871504.32	822723.93
9339.00	85.90	149.80	9060.62	559.04	-474.52	296.20	559.38	148.03	6.70	871519.39	822698.13
9371.00	91.40	149.60	9061.37	591.02	-502.13	312.34	591.34	148.12	17.20	871535.53	822670.52
9403.00	93.20	149.50	9060.09	622.99	-529.69	328.54	623.31	148.19	5.63	871551.73	822642.96
9435.00	93.50	150.80	9058.22	654.93	-557.40	344.44	655.23	148.29	4.16	871567.63	822615.25
9499.00	91.60	151.40	9055.37	718.86	-613.37	375.34	719.10	148.54	3.11	871598.53	822559.28

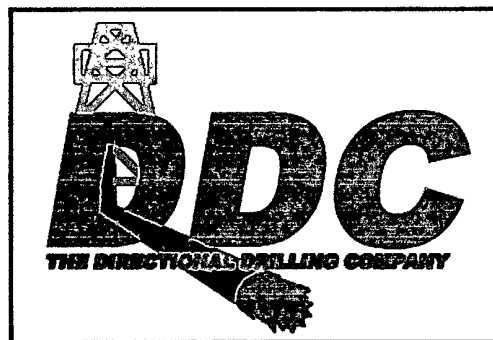
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9531.00	90.70	151.10	9054.73	750.84	-641.42	390.72	751.06	148.65	2.96	871613.91	822531.23
9563.00	88.10	151.00	9055.06	782.83	-669.42	406.21	783.03	148.75	8.13	871629.40	822503.23
9595.00	87.30	150.60	9056.35	814.80	-697.33	421.81	814.98	148.83	2.79	871645.00	822475.32
9627.00	87.60	151.00	9057.77	846.77	-725.23	437.41	846.93	148.90	1.56	871660.60	822447.42
9659.00	89.10	151.20	9058.69	878.75	-753.24	452.86	878.89	148.98	4.73	871676.05	822419.41
9691.00	89.40	151.40	9059.11	910.74	-781.30	468.23	910.86	149.07	1.13	871691.42	822391.35
9723.00	89.10	151.80	9059.53	942.72	-809.45	483.45	942.83	149.15	1.56	871706.64	822363.20
9755.00	88.10	151.90	9060.31	974.70	-837.66	498.54	974.79	149.24	3.14	871721.73	822334.99
9787.00	87.10	151.90	9061.65	1006.65	-865.86	513.60	1006.73	149.32	3.13	871736.79	822306.79
9819.00	86.70	151.70	9063.38	1038.59	-894.02	528.70	1038.65	149.40	1.40	871751.89	822278.63
9851.00	88.80	151.50	9064.64	1070.55	-922.14	543.91	1070.60	149.47	6.59	871767.10	822250.51
9883.00	89.50	151.30	9065.11	1102.54	-950.24	559.22	1102.58	149.52	2.28	871782.41	822222.41
9915.00	89.40	151.40	9065.42	1134.53	-978.32	574.57	1134.56	149.57	.44	871797.76	822194.33
9947.00	89.10	151.30	9065.84	1166.52	-1006.40	589.91	1166.54	149.62	.99	871813.10	822166.25
9968.00	89.00	151.20	9066.19	1187.51	-1024.81	600.01	1187.53	149.65	.67	871823.20	822147.84
TD											
10015.00	89.00	151.20	9067.01	1234.49	-1065.99	622.65	1234.51	149.71	.00	871845.84	822106.66



Trinity Burros Abo Unit #4H
Lea County, New Mexico
MI-07394

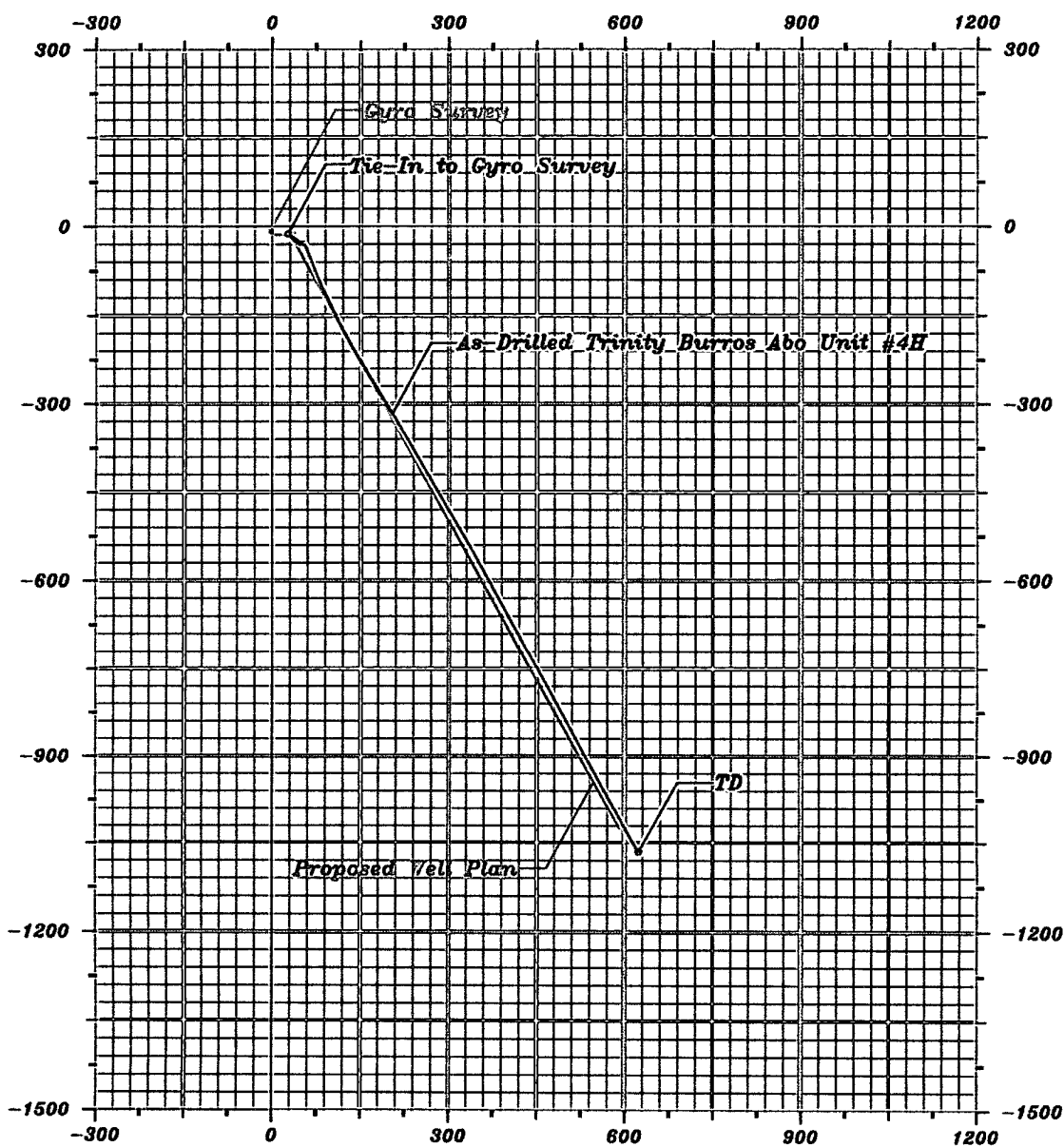
VERTICAL SECTION
SCALE: 1 inch = 700'
VERTICAL SECTION PLANE = 150.02





Trinity Burros Abo Unit #4H
Lea County, New Mexico
MI-07394

PLAN VIEW
SCALE: 1 inch = 300'





MD FT
1:240 FT

Company: **Chesapeake Energy**

Well: **Trinity Burrus Abo Unit #4H**

County: **Lea**

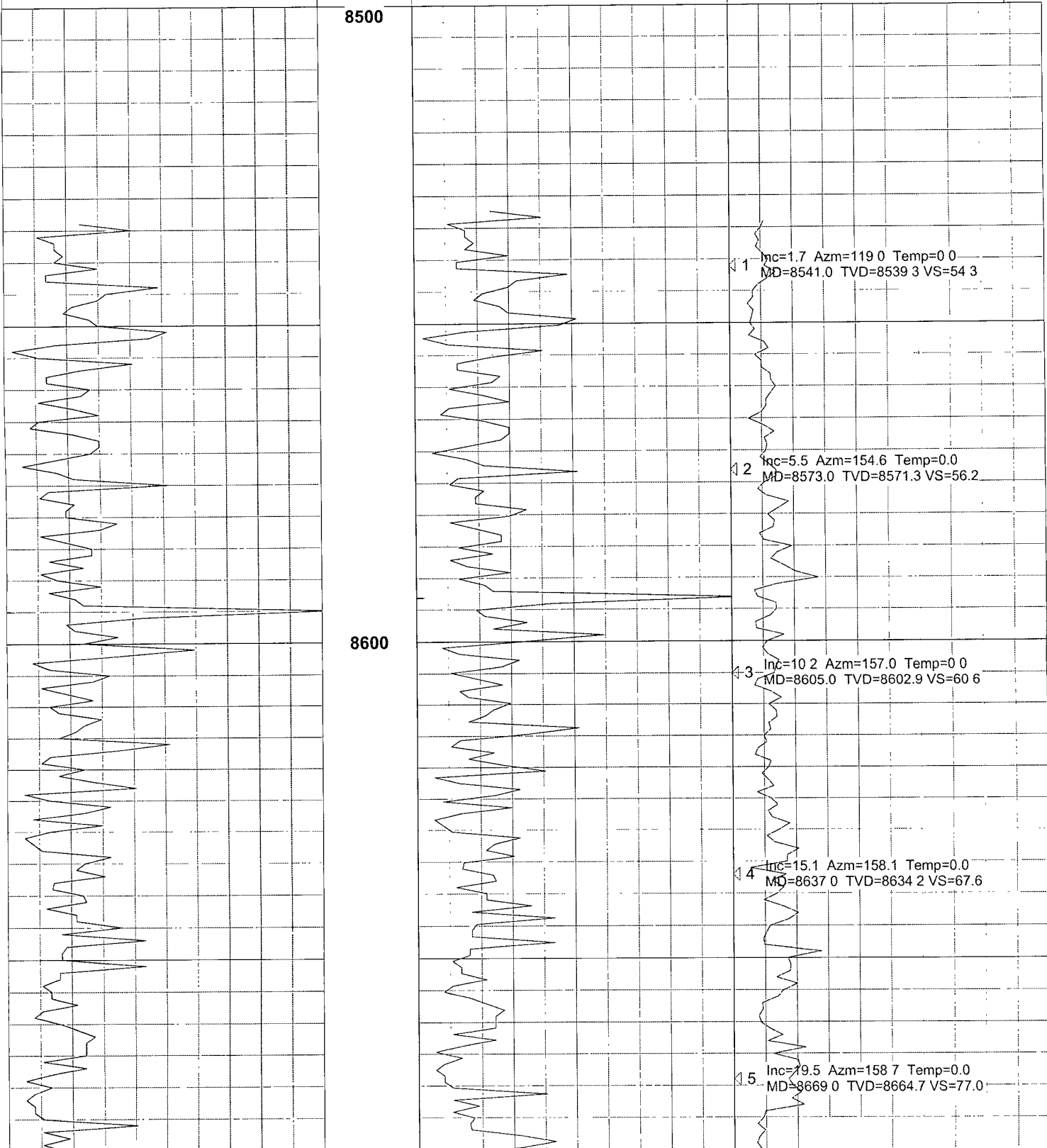
State: **NM**

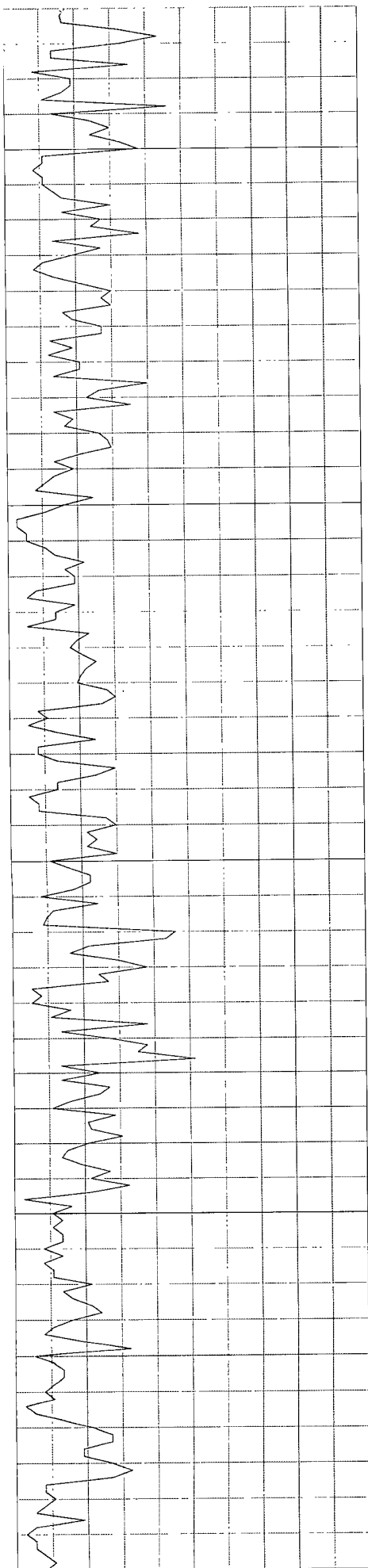
API#: **30-025-35817**

A
X
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S

	(MD)	
150	Gamma (MD)	320
0	Gamma (MD)	150

	(TVD)		150	ROP (MD)	320
150	Gamma (TVD)	320	0	ROP (MD)	150
0	Gamma (TVD)	150		(MD)	

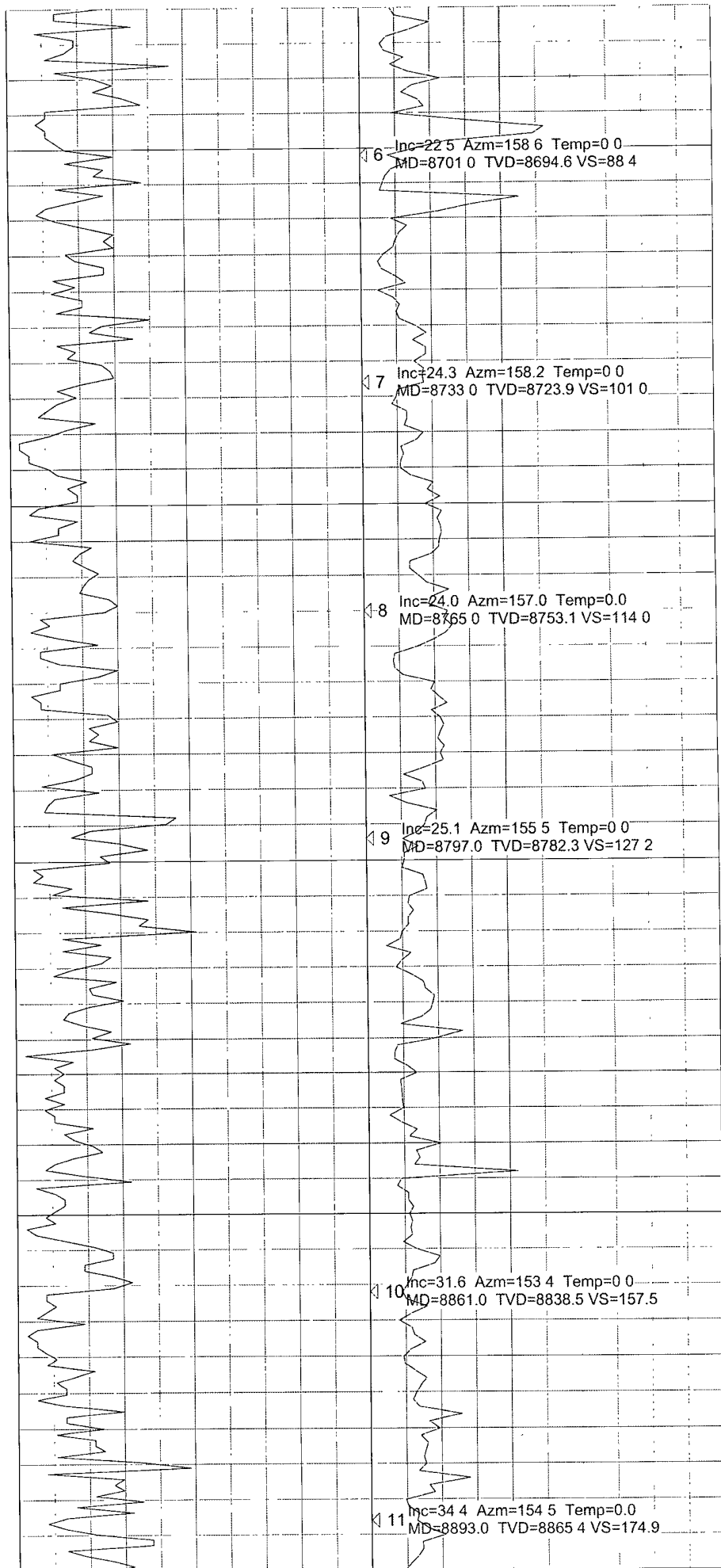


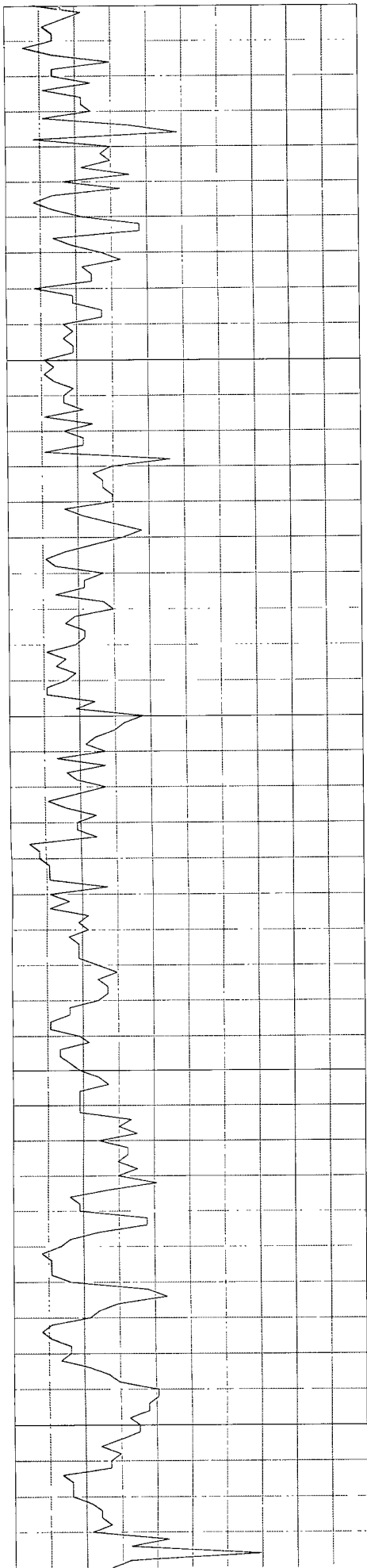


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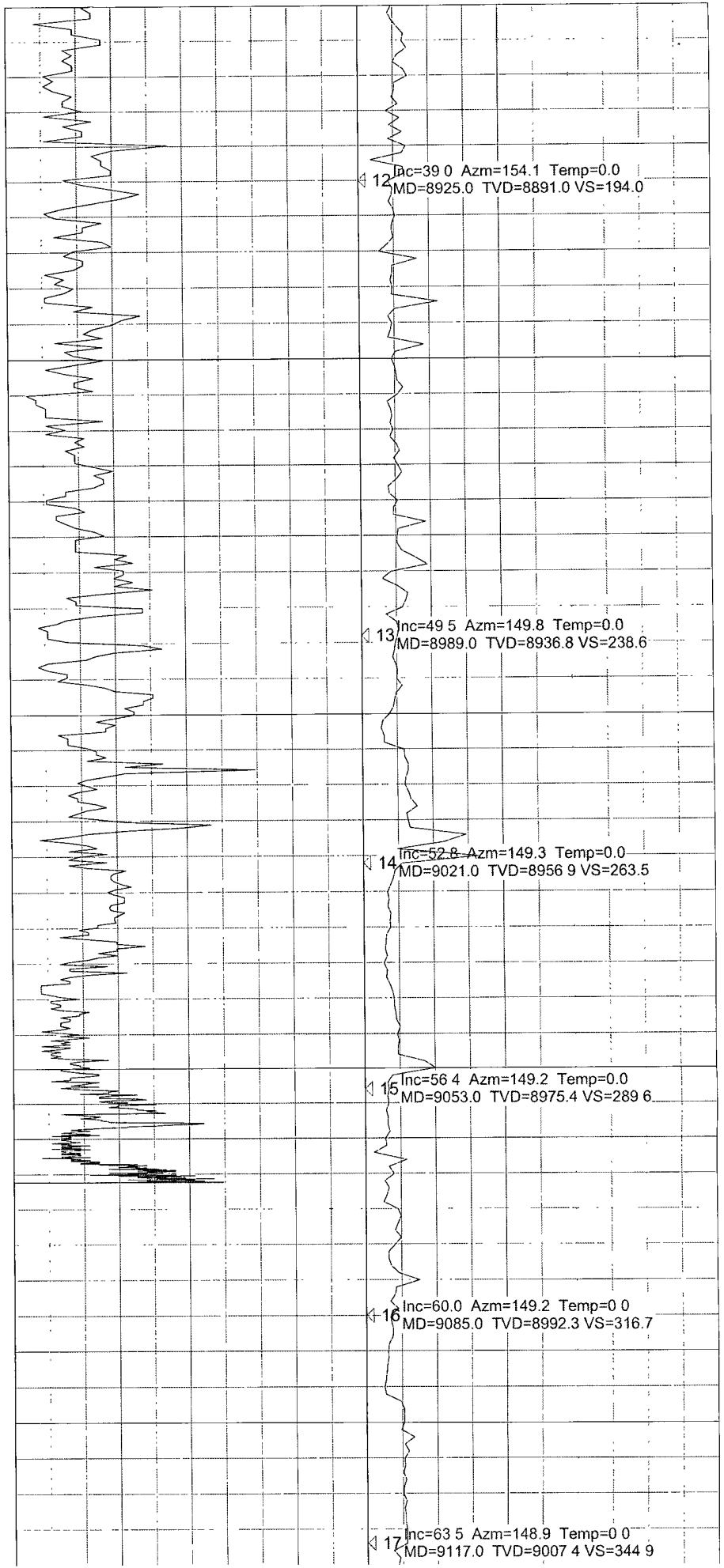


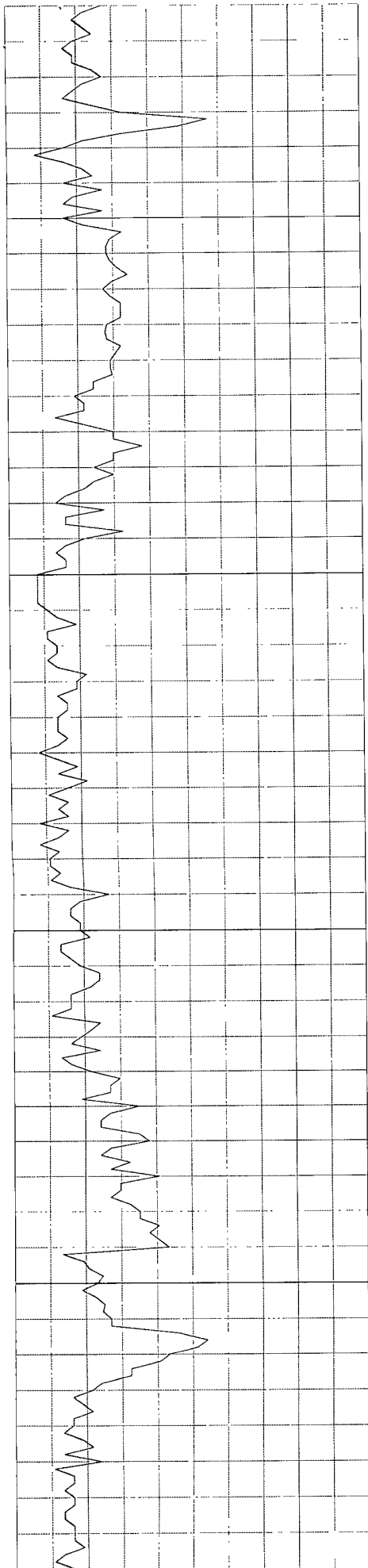


0900

9000

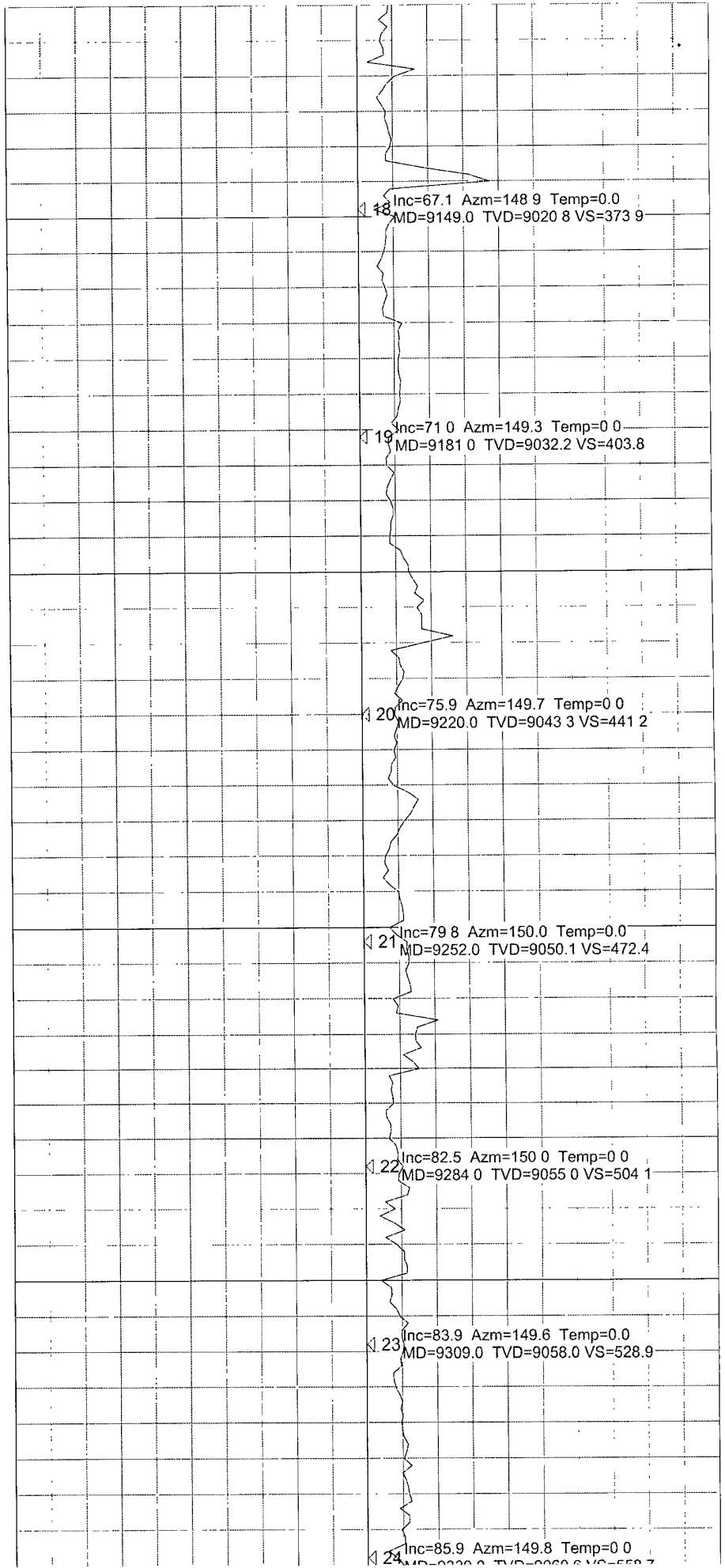
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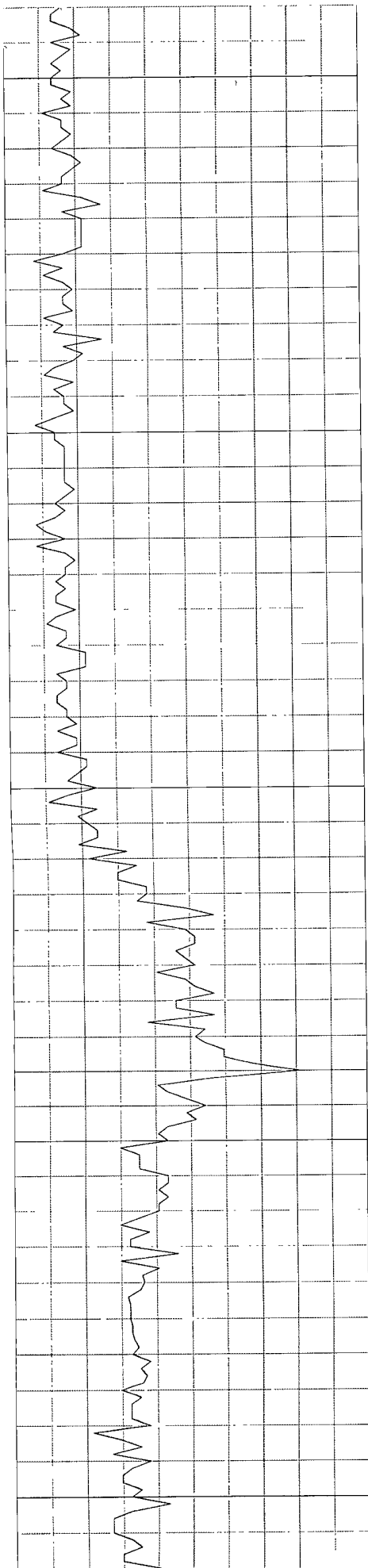




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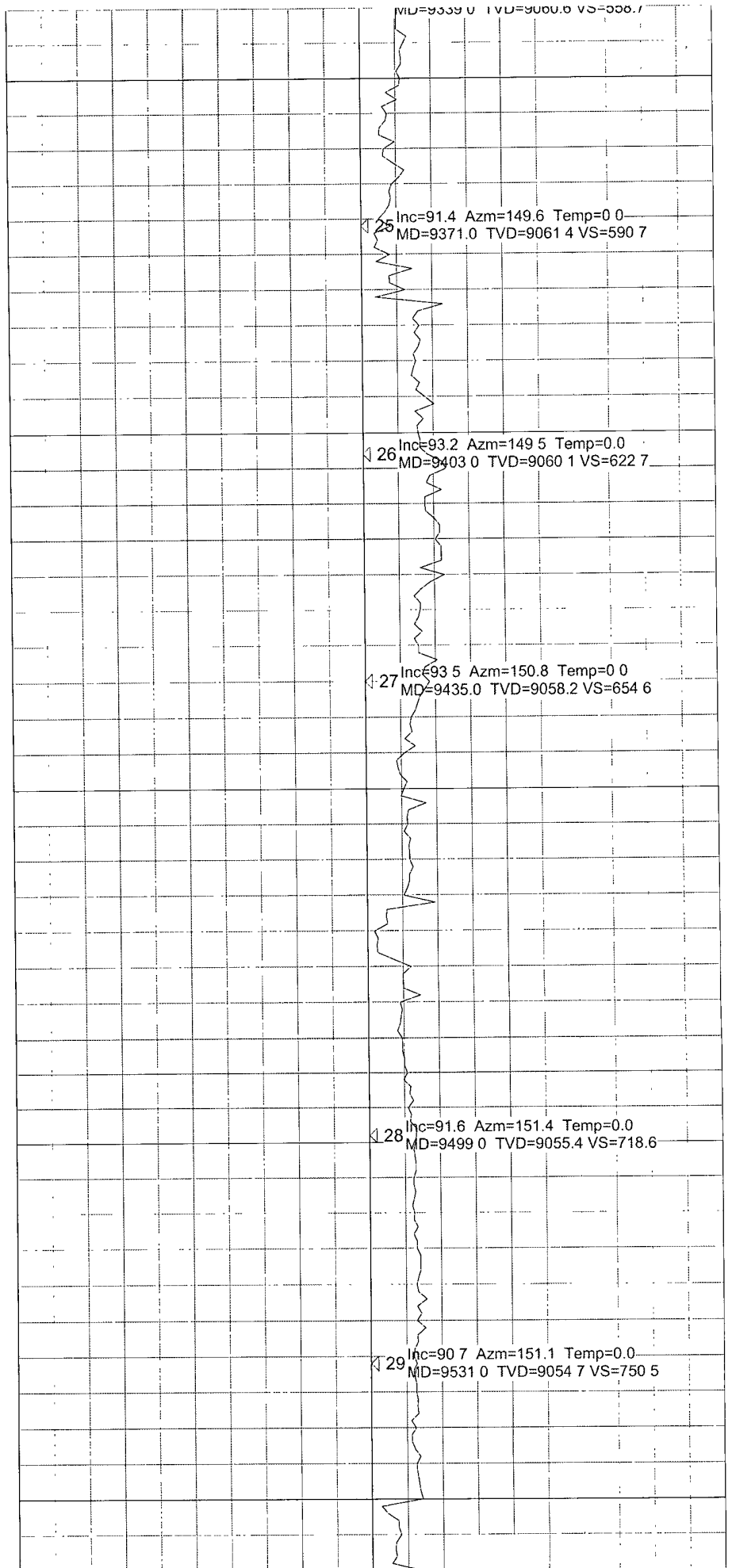
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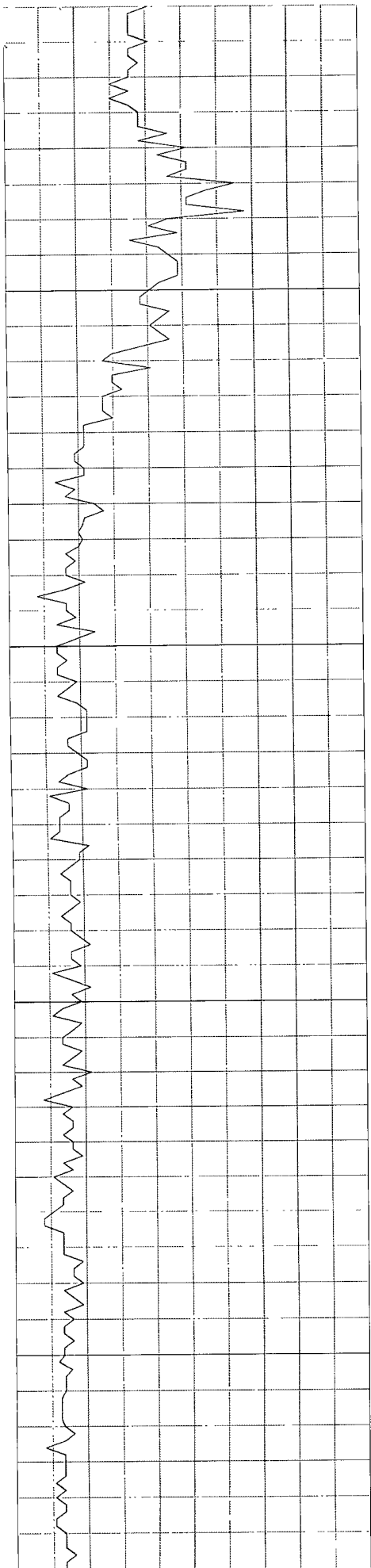




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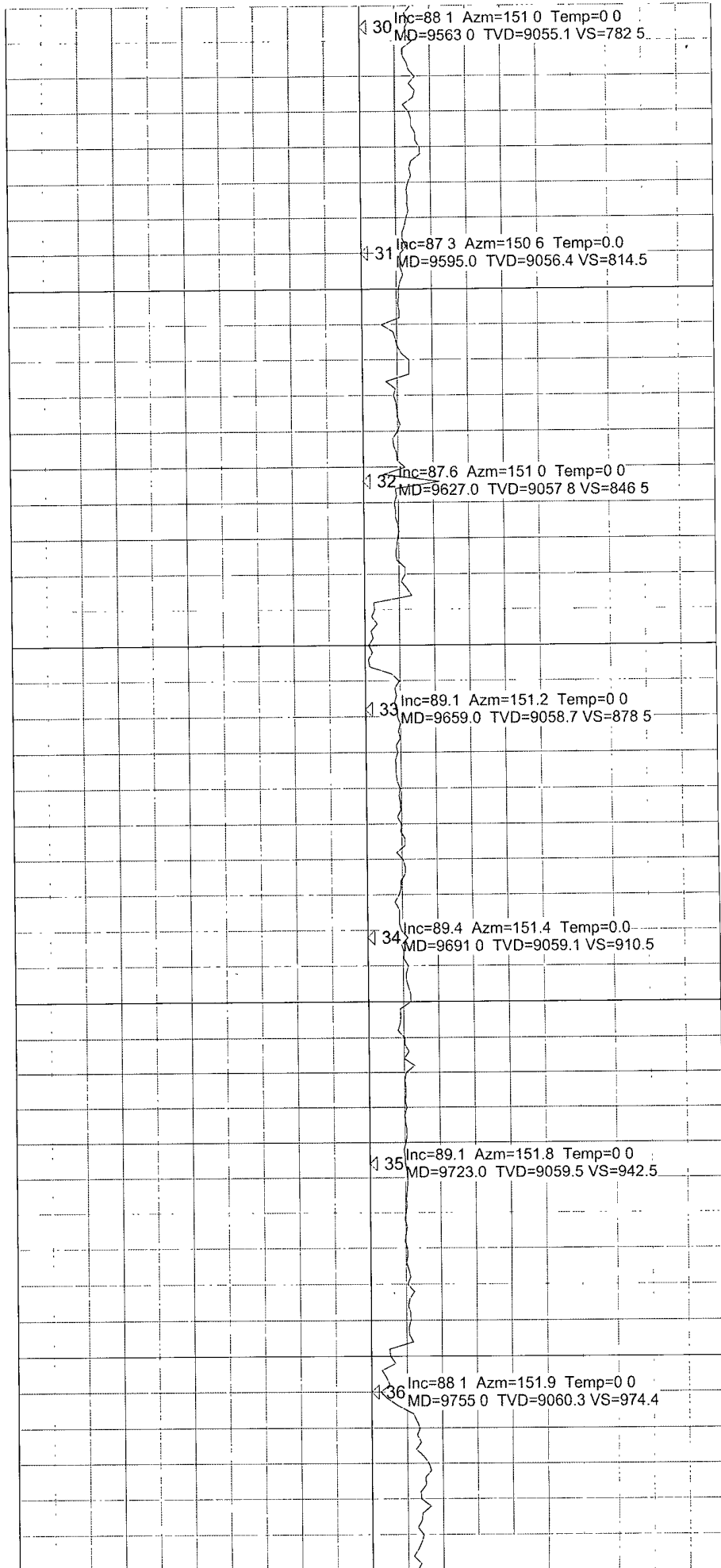
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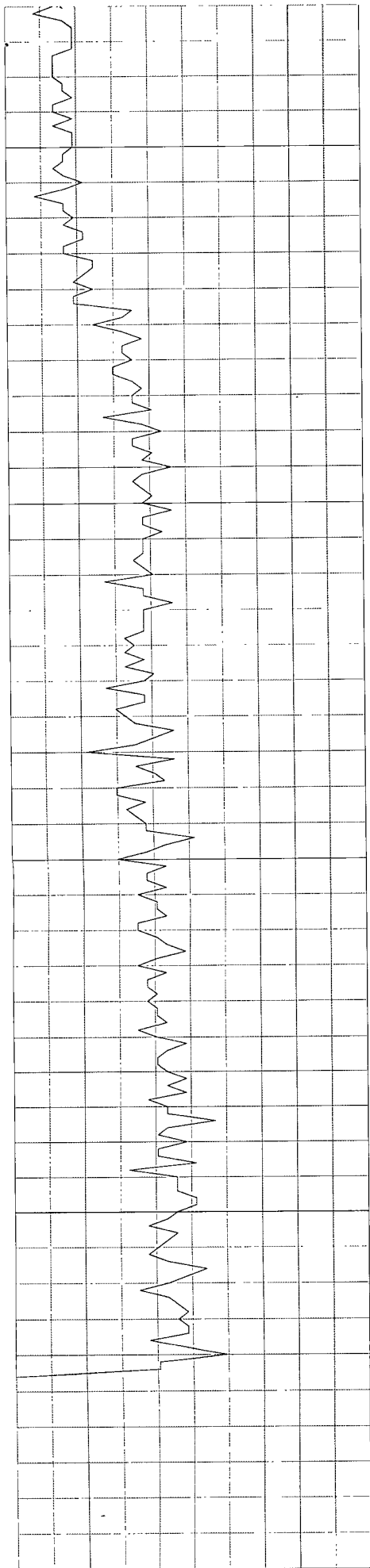




9600

9700

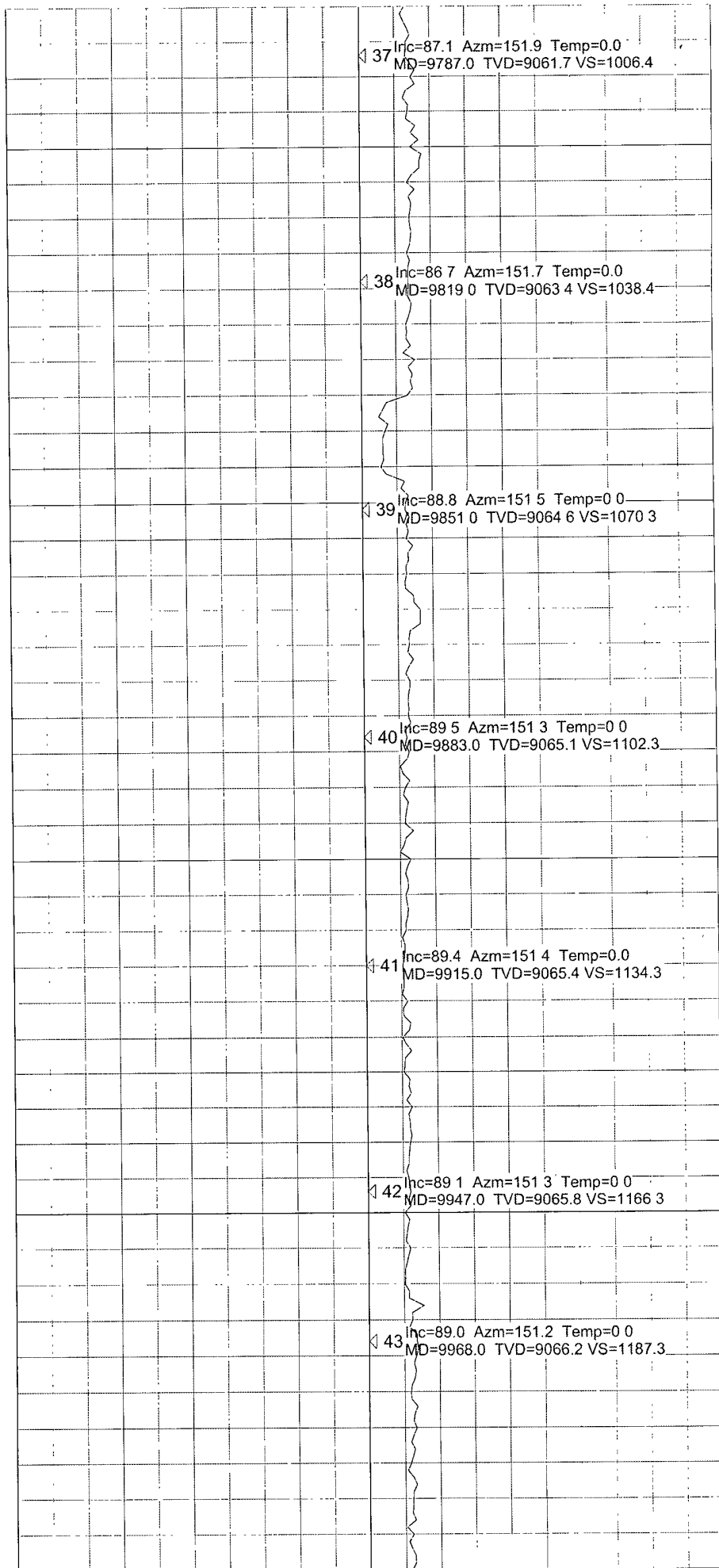




9800

9900

10000



37 Inc=87.1 Azm=151.9 Temp=0.0
MD=9787.0 TVD=9061.7 VS=1006.4

38 Inc=86.7 Azm=151.7 Temp=0.0
MD=9819.0 TVD=9063.4 VS=1038.4

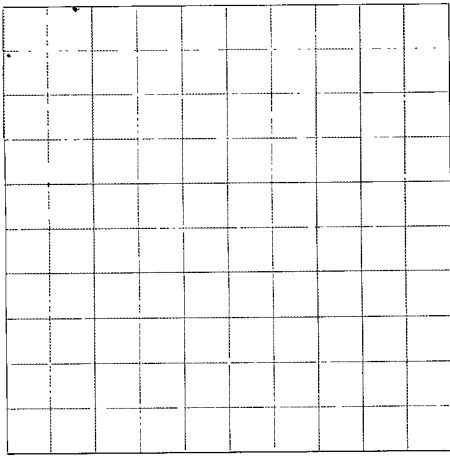
39 Inc=88.8 Azm=151.5 Temp=0.0
MD=9851.0 TVD=9064.6 VS=1070.3

40 Inc=89.5 Azm=151.3 Temp=0.0
MD=9883.0 TVD=9065.1 VS=1102.3

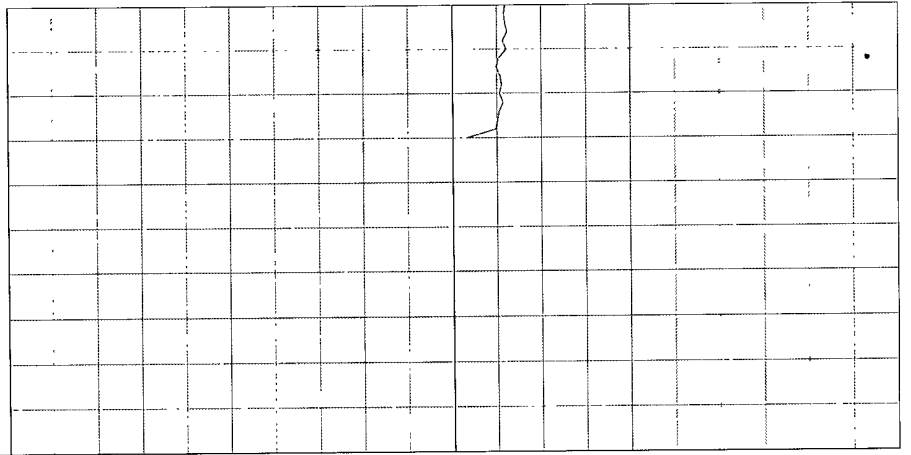
41 Inc=89.4 Azm=151.4 Temp=0.0
MD=9915.0 TVD=9065.4 VS=1134.3

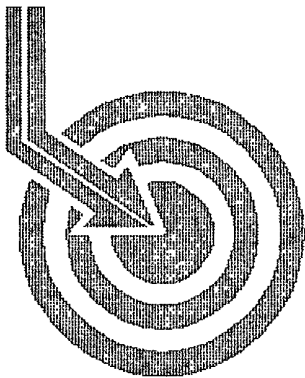
42 Inc=89.1 Azm=151.3 Temp=0.0
MD=9947.0 TVD=9065.8 VS=1166.3

43 Inc=89.0 Azm=151.2 Temp=0.0
MD=9968.0 TVD=9066.2 VS=1187.3



10000





Scientific Drilling

SUR: I - 22-12s-38e, 2310/S & 1210/E
BHL: P-22-12s-38e, 1244/S & 587/E
API #30-025-35817

CHESAPEAKE OPERATING, INC.

Field: Trinity
Site: Lea County, NM
Well: Trinity Burris Abo #4
Wellpath: Vh - Job #32K0807753
Survey: 08/30/07

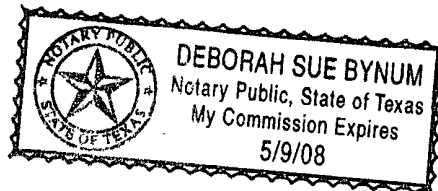
This survey is correct to the best of my knowledge
and is supported by actual field data.

Richard.....Company Representative

Notorized this date 18th of September, 2007.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas





Scientific Drilling International

Survey Report

Company: CHESAPEAKE OPERATING, INC.
 Field: Trinity
 Site: Lea County, NM
 Well: Trinity Burris Abo #4
 Wellpath: Vh - Job #32K0807753

Date: 09/12/2007 Time: 19:28:49 Page: 1
 Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,105.52Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 08/30/07 Start Date: 08/30/2007
 Company: Scientific Drilling Internatio Engineer: Guebara/Nale w/JSI
 Tool: Keeper;Keeper Gyro 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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.36	182.68	100.00	0.07	-0.31	-0.01	0.36	0.31	182.68
200.00	0.42	184.78	200.00	0.21	-0.99	-0.06	0.06	0.99	183.45
300.00	0.46	199.82	299.99	0.25	-1.74	-0.23	0.12	1.75	187.44
400.00	0.50	202.37	399.99	0.16	-2.52	-0.53	0.05	2.57	191.86
500.00	0.52	219.77	499.99	-0.07	-3.27	-0.99	0.16	3.41	196.77
600.00	0.53	224.37	599.98	-0.48	-3.95	-1.60	0.04	4.26	202.04
700.00	0.49	211.82	699.98	-0.83	-4.64	-2.15	0.12	5.12	204.83
800.00	0.46	208.23	799.98	-1.04	-5.36	-2.56	0.04	5.94	205.56
900.00	0.43	203.40	899.97	-1.18	-6.06	-2.90	0.05	6.72	205.60
1000.00	0.33	207.78	999.97	-1.29	-6.66	-3.19	0.10	7.38	205.57
1100.00	0.27	215.58	1099.97	-1.43	-7.10	-3.46	0.07	7.90	205.95
1200.00	0.37	216.37	1199.97	-1.63	-7.55	-3.79	0.10	8.45	206.61
1300.00	0.37	190.69	1299.96	-1.71	-8.13	-4.04	0.16	9.08	206.40
1400.00	0.31	171.12	1399.96	-1.57	-8.72	-4.05	0.13	9.61	204.95
1500.00	0.22	183.27	1499.96	-1.42	-9.18	-4.02	0.11	10.02	203.68
1600.00	0.36	198.74	1599.96	-1.40	-9.66	-4.14	0.16	10.51	203.17
1700.00	0.36	178.75	1699.96	-1.33	-10.28	-4.23	0.12	11.11	202.37
1800.00	0.16	78.04	1799.96	-1.11	-10.56	-4.09	0.42	11.32	201.15
1900.00	0.19	84.92	1899.96	-0.83	-10.52	-3.78	0.04	11.18	199.79
2000.00	0.52	110.87	1999.96	-0.23	-10.66	-3.20	0.36	11.13	196.68
2100.00	0.53	102.31	2099.95	0.69	-10.93	-2.32	0.08	11.17	191.99
2200.00	0.47	99.22	2199.95	1.56	-11.09	-1.46	0.07	11.19	187.51
2300.00	0.40	130.83	2299.94	2.28	-11.38	-0.79	0.25	11.41	183.99
2400.00	0.47	146.70	2399.94	2.90	-11.95	-0.30	0.14	11.96	181.46
2500.00	0.59	155.94	2499.94	3.54	-12.77	0.13	0.15	12.77	179.41
2600.00	0.56	158.16	2599.93	4.17	-13.69	0.52	0.04	13.70	177.82
2700.00	0.14	236.66	2699.93	4.38	-14.21	0.60	0.55	14.22	177.57
2800.00	0.31	274.71	2799.93	4.04	-14.26	0.23	0.22	14.26	179.07
2900.00	0.19	283.83	2899.93	3.60	-14.19	-0.20	0.13	14.20	180.81
3000.00	0.39	102.54	2999.93	3.78	-14.23	-0.03	0.58	14.23	180.12
3100.00	0.55	83.54	3099.93	4.56	-14.25	0.78	0.22	14.27	176.87
3200.00	0.50	106.81	3199.92	5.44	-14.32	1.67	0.22	14.42	173.33
3300.00	0.56	82.40	3299.92	6.33	-14.38	2.58	0.23	14.61	169.84
3400.00	0.53	87.01	3399.91	7.22	-14.29	3.52	0.05	14.72	166.15
3500.00	0.68	94.79	3499.91	8.24	-14.32	4.58	0.17	15.03	162.28
3600.00	0.85	85.91	3599.90	9.52	-14.32	5.91	0.21	15.49	157.58
3700.00	1.15	93.86	3699.88	11.20	-14.33	7.65	0.33	16.24	151.91
3800.00	1.09	96.14	3799.86	13.12	-14.50	9.60	0.07	17.39	146.51
3900.00	1.31	88.51	3899.84	15.16	-14.57	11.68	0.27	18.68	141.28
4000.00	1.41	94.90	3999.81	17.46	-14.65	14.05	0.18	20.30	136.19
4100.00	1.37	85.66	4099.78	19.79	-14.66	16.47	0.23	22.05	131.68
4200.00	1.45	79.53	4199.75	22.05	-14.34	18.91	0.17	23.73	127.18
4300.00	1.60	74.71	4299.72	24.39	-13.74	21.50	0.20	25.52	122.59
4400.00	1.56	75.60	4399.68	26.77	-13.04	24.16	0.05	27.46	118.35
4500.00	1.27	85.20	4499.65	28.99	-12.61	26.59	0.37	29.42	115.37
4600.00	1.31	83.64	4599.62	31.09	-12.39	28.83	0.05	31.37	113.25
4700.00	1.21	87.24	4699.60	33.15	-12.21	31.02	0.13	33.33	111.49
4800.00	1.14	78.38	4799.58	35.04	-11.96	33.05	0.19	35.14	109.89



Scientific Drilling International

Survey Report

Company: CHESAPEAKE OPERATING, INC.
Field: Trinity
Site: Lea County, NM
Well: Trinity Burris Abo #4
Wellpath: Vh - Job #32K0807753

Date: 09/12/2007 Time: 19:28:49 Page: 2
Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,105.52Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

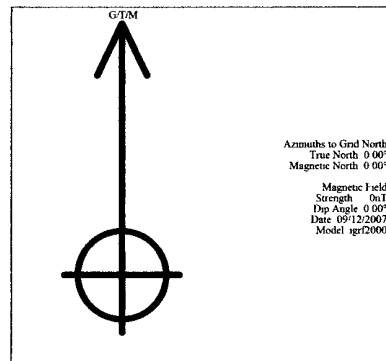
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	0.93	87.10	4899.56	36.69	-11.72	34.83	0.26	36.75	108.59
5000.00	0.91	77.27	4999.55	38.16	-11.50	36.42	0.16	38.19	107.53
5100.00	0.99	83.54	5099.54	39.67	-11.23	38.05	0.13	39.67	106.44
5200.00	0.84	79.92	5199.52	41.13	-11.00	39.63	0.16	41.13	105.52



Scientific
Drilling

Field: Trinity
Site: Lea County, NM
Well: Trinity Burris Abo #4
Wellpath: Vh - Job #32K0807753
Survey: 08/30/07



West(-)/East(+) [10ft/in]

South(-)/North(+) [10ft/in]

