

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



Operator Notice Regarding
C-104 Denial and Request for Information

OCD is providing notice to operators that it will deny your C-104 – *Request for Allowable and Authorization to Transport* if it fails to provide complete and accurate information, including:

Test Allowable, New Well and Recompleted Well

30-015-4400

Amend C-104

- ☐ C-103 (or BLM equivalent) for all casing strings
 - ☐ Spud Notice
 - ☐ Surface Casing
 - ☐ Intermediate Casing (if applicable)
 - ☐ Additional Intermediate Casing (if applicable)
 - ☒ Production Casing or Liner

Details missing To date, test
Big Release date

- ☐ Applicable Order (NSL, NSP, Other _____)
- ☐ Deviation Survey for Vertical Wells
- ☐ Directional Survey
- ☒ C-102 (As-Drilled Plat for Horizontal Well)

New Well and Recompleted Well Only

- ☐ C-103 Completion Sundry (or BLM equivalent)
- ☐ C-105 Completion Report (or BLM equivalent)
- ☐ All Logs Run on Well

The sale or transport of product without an approved C-104 violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC. If OCD determines that your C-104 is incomplete or inaccurate, it will give you notice to resubmit your C-104 within 30 days. Failure to comply with this notice may result in enforcement action.

If you have any questions, please contact the local OCD District Office.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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DEC 04 2019

DISTRICT ARTESIA OGD

Form C-104
Revised August 1, 2011

Submit on or before the appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC 2208 W. Main Street Artesia, NM 88210		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date RT
API Number 30-015-44000	⁵ Pool Name Purple Sage; Wolfcamp	⁶ Pool Code 98220
⁷ Property Code 38521	⁸ Property Name Myox 21 State Com	⁹ Well Number 31H

II. ¹⁰ Surface Location

Ul or lot no. M	Section 21	Township 25S	Range 28E	Lot Idn	Feet from the 215	North/South Line South	Feet from the 760	East/West line West	County Eddy
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¹¹ Bottom Hole Location

Ul or lot no. D	Section 16	Township 25S	Range 28E	Lot Idn	Feet from the 203	North/South Line North	Feet from the 299	East/West line West	County Eddy
¹² Lse Code S	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	ACC	O
298751	Energy Transfer 2001 Bryan Street, Ste 3700 Dallas, TX 75201	G
278421	Holly Refining and Marketing PO Box 159 Artesia, NM 88210	O

IV. Well Completion Data

²¹ Spud Date 3/19/19	²² Ready Date	²³ TD 19,579'	²⁴ PBDT 19,460'	²⁵ Perforations 9,759-19,465'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	320'	760		
12 1/4"	9 7/8"	8,824'	1325		
8 3/4"	5.5"	19,562'	4235		
	2 7/8"	8,989'			

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure #	³⁶ Csg. Pressure #
³⁷ Choke Size "	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Amanda Avery*

Printed name:
Amanda Avery

Title:
Regulatory Analyst

E-mail Address:
aavery@concho.com

Date:
11/27/19

Phone:
575-748-6962

OIL CONSERVATION DIVISION

Approved by:

Title:

Approv:

DENIED
See Attached Cover Sheet

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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DISTRICT I-ARTESIA O.C.D.

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-44000	Pool Code 98220	Pool Name Purple Sage; Wolfcamp
Property Code 38521	Property Name MYOX 21 STATE COM	Well Number 31H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 2990.8'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	21	25-S	28-E		215	SOUTH	760	WEST	EDDY

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
D	16	25-S	28-E		203	NORTH	299	WEST	EDDY

Dedicated Acres 640	Joint or Infill	Consolidation Code	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

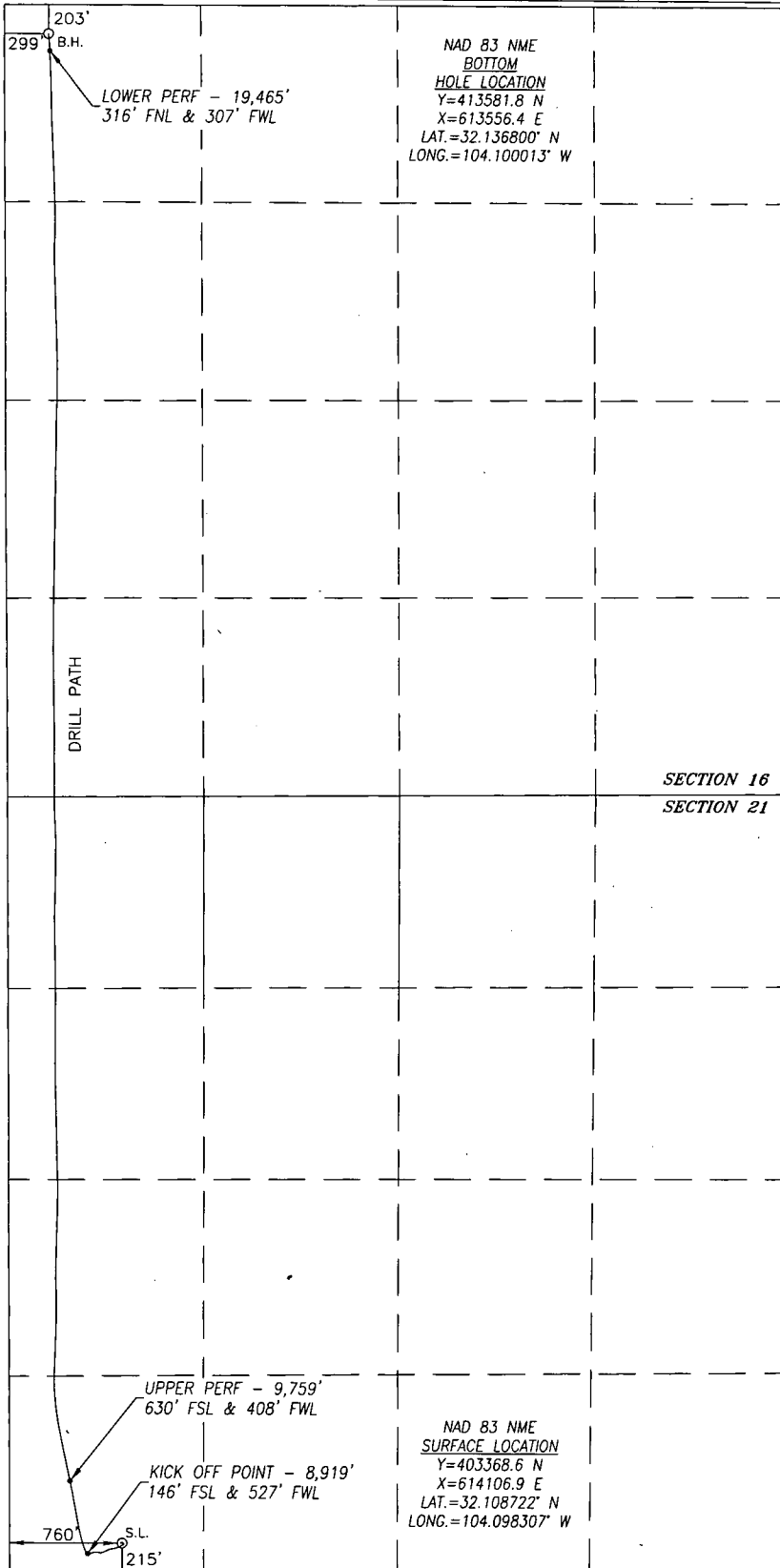
SEE PAGE 2

PAGE 1 OF 2

W.O. #19-2100

DRAWN BY: WN

Property Code 38521	Property Name MYOX 21 STATE COM	Well Number 31H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 2990.8'



SURFACE INFO AND BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE MYOX 21 STATE COM #31H SUPPLIED TO HARCROW SURVEYING, LLC ON NOVEMBER 7, 2019

1200 0 1200
SCALE: 1"=1200'

OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Amanda Avery 11/26/19
Signature Date

Amanda Avery

Printed Name

aaavery@concho.com

E-mail Address

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.

JAN. 8, 2019/JUNE 21, 2019

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 11/19/19
Certificate No. CHAD HARCROW 17777

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DISTRICT-ARTESIAO.C.D.

Intent ☐ As Drilled ☒ X

API #
30-015-44000

Operator Name: COG OPERATING, LLC	Property Name: MYOX 21 STATE COM	Well Number 31H
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Kick Off Point (KOP)

UL M	Section 21	Township 25S	Range 28E	Lot	Feet 146	From N/S SOUTH	Feet 527	From E/W WEST	County EDDY
Latitude 32.108526					Longitude -104.099058			NAD 83	

First Take Point (FTP)

UL M	Section 21	Township 25S	Range 28E	Lot	Feet 630	From N/S SOUTH	Feet 408	From E/W WEST	County EDDY
Latitude 32.109855					Longitude -104.099452			NAD 83	

Last Take Point (LTP)

UL D	Section 16	Township 25S	Range 28E	Lot	Feet 316	From N/S NORTH	Feet 307	From E/W WEST	County EDDY
Latitude 32.136488					Longitude -104.099987			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐ No

Is this well an infill well? ☐ Yes

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #
30-015-45373

Operator Name: COG Operating LLC	Property Name: Myox 21 State Com	Well Number 35H
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KZ 06/29/2018

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COG

DISTRICT

SURVEY REPORT

MYOX 21 STATE COM #31H

PRECISION 106

6/2/2019

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

JAKE ELGER

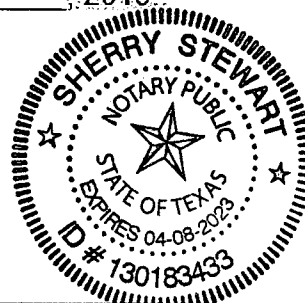
Notarized this date 03 of JULY, 2019.

Sherry Stewart

Notary Signature

County of Midland

State of Texas



The Ultimate Partner In Wellbore Placement

SURVEY REPORT

MYOX 21 STATE COM #31H

KEEPER GYRO SURVEY

CUSTOMER PROJECT
COG
MYOX 21 State Com #31H Keeper Gyro survey
FIELD
N/A

SDI JOB NO. OP.019047
SDI DISTRICT Midland
SDI KIT/UNIT

SITE INFORMATION

Site Name (MYOX 21 State Com) Sec -21_T-25-S_R28-E Section
Lat/Long 32.1099011° N, 104.0973756° W Township
Northing 403,784.88 ft Range
Easting 573,058.41 ft

MAP INFORMATION

North Reference Grid North
Grid Correction -0.13 deg
System US State Plane 1927
Datum North American Datum 1927 (Clarke 1866)
Map Zone New Mexico East: 3001



WELL INFORMATION

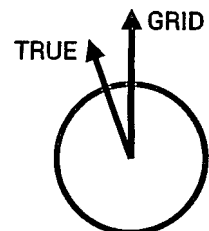
Lat/Long 32.1085989° N, 104.0978169° W
Northing 403,310.9 ft
Easting 572,922.7 ft
UWI

DEPTH AND ELEVATION REFERENCE

Ground Level 2990.8 ft above Mean Sea
Level
Reference Datum RKB
Reference Height 30 ft above G.L.
Reference Elevation 3020.8 ft

VERTICAL SECTION REFERENCE

+N/-S 0 ft
+E/-W 0 ft
Proposal Direction 357.09°
Calculation Method Minimum Curvature



LOCAL GRAVITY REFERENCE INFORMATION

Local Gravity 998.530 mG [computed]
True to Grid subtract 0.13°

WELL NOTES

MYOX 21 State Com #31H Keeper Gyro survey

OPERATORS

Jeffrey Loyd

SDI Operator Name (Printed)

SIGNATURE

DATE

MD	INC	AZIM	TVD	VS	IN/S	E/W	DLS	CLOSURE DIST	CLOSURE DIR
ft	deg	deg	ft	ft	ft	ft	%/100ft	ft	deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	0.00	0.00
100.00	0.86	267.44	100.00	0.00	-0.03	-0.75	0.86	0.75	267.44
125.00	0.68	266.38	124.99	0.00	-0.05	-1.08	0.70	1.08	267.29
150.00	0.73	265.28	149.99	0.00	-0.07	-1.39	0.19	1.39	266.96
175.00	0.66	267.85	174.99	-0.01	-0.09	-1.69	0.30	1.70	266.88
200.00	0.82	260.94	199.99	-0.02	-0.13	-2.01	0.74	2.02	266.42
225.00	0.56	268.18	224.99	-0.04	-0.16	-2.32	1.10	2.32	266.09
250.00	0.61	264.78	249.98	-0.04	-0.17	-2.57	0.23	2.58	266.12
275.00	0.68	257.24	274.98	-0.07	-0.22	-2.85	0.45	2.86	265.60
300.00	0.74	257.43	299.98	-0.13	-0.29	-3.15	0.24	3.17	264.79
325.00	0.83	251.00	324.98	-0.20	-0.38	-3.48	0.50	3.50	263.74
350.00	0.78	262.37	349.98	-0.27	-0.46	-3.82	0.66	3.85	263.09
375.00	0.77	264.76	374.97	-0.29	-0.50	-4.16	0.15	4.19	263.13
400.00	0.72	264.46	399.97	-0.30	-0.53	-4.48	0.18	4.51	263.23
425.00	0.79	266.25	424.97	-0.31	-0.56	-4.81	0.30	4.84	263.38
450.00	1.01	267.35	449.97	-0.31	-0.58	-5.20	0.87	5.24	263.64
475.00	1.00	264.73	474.96	-0.32	-0.61	-5.64	0.19	5.67	263.83
500.00	0.98	269.95	499.96	-0.32	-0.63	-6.07	0.37	6.11	264.07
525.00	1.12	276.25	524.96	-0.27	-0.60	-6.53	0.72	6.56	264.72
550.00	1.39	275.79	549.95	-0.19	-0.55	-7.07	1.10	7.09	265.58
575.00	1.35	275.73	574.94	-0.10	-0.49	-7.67	0.18	7.68	266.37
600.00	1.29	277.87	599.94	0.00	-0.42	-8.24	0.31	8.25	267.09
625.00	1.18	284.85	624.93	0.13	-0.31	-8.77	0.73	8.77	267.95
650.00	1.22	283.68	649.92	0.29	-0.18	-9.28	0.18	9.28	268.86
675.00	1.17	285.86	674.92	0.44	-0.05	-9.78	0.28	9.78	269.69
700.00	1.29	281.90	699.91	0.60	0.08	-10.30	0.60	10.30	270.42
725.00	1.13	291.30	724.91	0.77	0.22	-10.81	1.02	10.81	271.18
750.00	1.05	292.37	749.90	0.97	0.40	-11.25	0.33	11.26	272.04
775.00	1.03	299.35	774.90	1.19	0.60	-11.66	0.51	11.67	272.94
800.00	1.01	300.31	799.89	1.43	0.82	-12.05	0.50	12.07	273.90
825.00	1.00	308.04	824.89	1.70	1.07	-12.41	0.55	12.45	274.91
850.00	0.70	324.37	849.89	1.97	1.33	-12.67	1.51	12.74	275.97

MD	INC	AZIM	TVD	VS	N/S	E/W	DLS	CLOSURE DIST	CLOSURE DIR
ft	deg	deg	ft	ft	ft	ft	%/100ft	ft	deg
875.00	0.54	16.06	874.89	2.21	1.56	-12.73	2.25	12.82	277.01
900.00	0.67	38.38	899.89	2.43	1.79	-12.60	1.06	12.73	278.10
925.00	0.74	48.91	924.88	2.64	2.01	-12.39	0.58	12.55	279.23
950.00	0.72	55.67	949.88	2.82	2.21	-12.14	0.35	12.34	280.31
975.00	0.77	51.81	974.88	3.00	2.40	-11.88	0.28	12.12	281.43
1000.00	0.55	57.15	999.88	3.16	2.57	-11.65	0.93	11.93	282.44
1025.00	0.35	58.67	1024.88	3.25	2.67	-11.48	0.78	11.79	283.11
1050.00	0.27	52.56	1049.88	3.32	2.75	-11.37	0.36	11.70	283.59
1075.00	0.21	78.28	1074.88	3.36	2.79	-11.28	0.49	11.62	283.91
1100.00	0.24	83.67	1099.88	3.37	2.81	-11.18	0.16	11.53	284.10
1125.00	0.09	64.41	1124.88	3.38	2.82	-11.11	0.64	11.46	284.25
1150.00	0.17	78.26	1149.88	3.40	2.84	-11.06	0.36	11.42	284.40
1175.00	0.15	100.30	1174.88	3.39	2.84	-10.99	0.26	11.35	284.49
1200.00	0.20	106.49	1199.88	3.37	2.82	-10.91	0.21	11.27	284.50
1225.00	0.26	93.64	1224.88	3.35	2.81	-10.81	0.33	11.17	284.54
1250.00	0.25	86.58	1249.88	3.34	2.80	-10.70	0.14	11.06	284.69
1275.00	0.57	95.10	1274.87	3.33	2.80	-10.52	1.30	10.89	284.88
1300.00	0.61	94.91	1299.87	3.29	2.77	-10.27	0.19	10.64	285.12
1325.00	0.84	84.77	1324.87	3.28	2.78	-9.95	1.05	10.33	285.61
1350.00	0.86	82.53	1349.87	3.30	2.82	-9.58	0.14	9.99	286.41
1375.00	0.93	81.26	1374.87	3.34	2.88	-9.19	0.29	9.63	287.37
1400.00	0.92	78.85	1399.86	3.39	2.95	-8.80	0.16	9.28	288.52
1425.00	0.96	74.54	1424.86	3.46	3.04	-8.40	0.31	8.93	289.91
1450.00	1.17	70.12	1449.85	3.58	3.18	-7.96	0.89	8.57	291.80
1475.00	1.28	73.85	1474.85	3.72	3.35	-7.45	0.55	8.17	294.19
1500.00	1.21	77.86	1499.84	3.83	3.48	-6.92	0.44	7.75	296.69
1525.00	0.99	77.62	1524.84	3.91	3.58	-6.45	0.87	7.38	299.03
1550.00	0.83	76.41	1549.84	3.97	3.67	-6.06	0.64	7.09	301.19
1575.00	1.07	70.56	1574.83	4.07	3.79	-5.67	1.02	6.82	303.79
1600.00	0.85	74.38	1599.83	4.18	3.92	-5.27	0.91	6.57	306.66
1625.00	0.96	74.74	1624.82	4.27	4.03	-4.89	0.41	6.33	309.47
1650.00	0.90	78.03	1649.82	4.34	4.12	-4.49	0.30	6.10	312.52

MD	INC	AZIM	TVD	VS	IN/S	EA/W	DLS	CLOSURE	CLOSURE
ft	deg	deg	ft	ft	ft	ft	%/100ft	DIST	DIR
								ft	deg
1675.00	0.97	80.76	1674.82	4.40	4.20	-4.09	0.34	5.86	315.72
1700.00	1.22	80.47	1699.81	4.45	4.27	-3.62	0.98	5.60	319.74
1725.00	1.42	80.25	1724.81	4.52	4.37	-3.05	0.80	5.33	325.08
1750.00	1.71	79.03	1749.80	4.61	4.49	-2.38	1.16	5.08	332.09
1775.00	1.75	85.57	1774.79	4.67	4.59	-1.63	0.81	4.88	340.43
1800.00	2.13	88.69	1799.77	4.67	4.63	-0.79	1.59	4.70	350.37
1825.00	2.32	93.60	1824.75	4.60	4.61	0.18	1.06	4.62	2.28
1850.00	2.53	92.81	1849.73	4.49	4.55	1.24	0.84	4.72	15.22
1875.00	2.41	97.87	1874.71	4.33	4.46	2.31	0.98	5.02	27.42
1900.00	2.23	113.84	1899.69	4.01	4.19	3.28	2.68	5.32	38.06
1925.00	1.95	126.54	1924.67	3.53	3.74	4.07	2.16	5.52	47.42
1950.00	1.79	134.61	1949.66	2.97	3.21	4.69	1.24	5.68	55.59
1975.00	1.51	149.26	1974.65	2.39	2.65	5.13	2.01	5.78	62.67
2000.00	1.39	151.10	1999.64	1.83	2.10	5.45	0.53	5.84	68.87
2025.00	1.11	152.98	2024.63	1.33	1.62	5.70	1.10	5.93	74.10
2050.00	1.14	156.57	2049.63	0.88	1.18	5.91	0.30	6.03	78.72
2075.00	1.10	154.53	2074.62	0.42	0.73	6.11	0.24	6.16	83.15
2100.00	1.14	158.16	2099.62	-0.03	0.29	6.31	0.33	6.32	87.39
2125.00	1.17	154.68	2124.61	-0.50	-0.17	6.51	0.30	6.51	91.53
2150.00	1.05	157.12	2149.61	-0.96	-0.62	6.71	0.49	6.74	95.25
2175.00	1.14	141.68	2174.60	-1.37	-1.02	6.95	1.22	7.03	98.37
2200.00	1.18	138.88	2199.60	-1.78	-1.41	7.27	0.28	7.41	100.97
2225.00	1.47	131.38	2224.59	-2.20	-1.82	7.68	1.35	7.89	103.29
2250.00	1.43	126.82	2249.58	-2.63	-2.21	8.17	0.49	8.47	105.16
2275.00	1.80	117.85	2274.57	-3.03	-2.58	8.77	1.80	9.14	106.42
2300.00	2.01	114.03	2299.56	-3.43	-2.95	9.52	0.99	9.96	107.20
2325.00	1.89	117.44	2324.55	-3.83	-3.32	10.29	0.67	10.81	107.87
2350.00	1.71	130.51	2349.53	-4.30	-3.75	10.94	1.80	11.56	108.92
2375.00	1.26	159.33	2374.53	-4.82	-4.25	11.32	3.43	12.09	110.57
2400.00	1.31	170.66	2399.52	-5.36	-4.79	11.46	1.04	12.42	112.67
2425.00	1.38	196.67	2424.51	-5.93	-5.36	11.42	2.44	12.61	115.13
2450.00	1.90	218.64	2449.50	-6.52	-5.97	11.07	3.23	12.58	118.33

MD	INC	AZIM	TVD	VS	IN/S	TEAW	DLS	CLOSURE DIST	CLOSURE DIR
ft	deg	deg	ft	ft	ft	ft	%/100ft	ft	deg
2475.00	2.36	228.97	2474.49	-7.15	-6.63	10.43	2.38	12.36	122.45
2500.00	2.58	230.81	2499.46	-7.80	-7.32	9.60	0.94	12.08	127.33
2525.00	2.47	231.32	2524.44	-8.45	-8.02	8.75	0.46	11.86	132.51
2550.00	2.59	229.20	2549.41	-9.11	-8.72	7.90	0.61	11.77	137.84
2575.00	2.54	231.19	2574.39	-9.78	-9.44	7.04	0.41	11.77	143.28
2600.00	2.85	232.52	2599.36	-10.46	-10.16	6.12	1.25	11.86	148.97
2625.00	2.68	224.45	2624.33	-11.21	-10.96	5.21	1.69	12.13	154.56
2650.00	2.63	230.28	2649.31	-11.95	-11.74	4.36	1.10	12.53	159.62
2675.00	2.62	231.24	2674.28	-12.63	-12.47	3.48	0.19	12.94	164.42
2700.00	2.77	228.03	2699.25	-13.34	-13.23	2.58	0.86	13.48	168.96
2725.00	2.70	227.72	2724.22	-14.10	-14.03	1.70	0.29	14.13	173.11
2750.00	2.81	229.39	2749.19	-14.84	-14.82	0.80	0.54	14.84	176.93
2775.00	2.73	231.98	2774.17	-15.56	-15.59	0.14	0.59	15.59	180.51
2800.00	2.72	233.86	2799.14	-16.23	-16.30	0.09	0.36	16.34	183.81
2825.00	2.95	234.54	2824.11	-16.90	-17.03	-2.09	0.92	17.15	186.99
2850.00	2.80	239.43	2849.07	-17.53	-17.71	-3.14	1.15	17.99	190.04
2875.00	3.19	242.44	2874.04	-18.10	-18.34	-4.28	1.70	18.83	193.13
2900.00	3.23	242.52	2899.00	-18.68	-18.99	-5.52	0.16	19.77	196.21
2925.00	3.14	245.40	2923.96	-19.23	-19.60	-6.77	0.73	20.73	199.05
2950.00	3.21	243.24	2948.92	-19.77	-20.20	-8.01	0.56	21.73	201.64
2975.00	3.32	242.54	2973.88	-20.35	-20.85	-9.28	0.44	22.82	204.00
3000.00	3.26	243.45	2998.84	-20.94	-21.50	-10.56	0.29	23.95	206.16
3025.00	3.61	240.35	3023.80	-21.57	-22.21	-11.88	1.56	25.19	208.15
3050.00	3.34	244.23	3048.75	-22.21	-22.91	-13.22	1.43	26.45	209.99
3075.00	3.33	246.43	3073.71	-22.75	-23.52	-14.54	0.51	27.65	211.73
3100.00	3.40	246.44	3098.67	-23.27	-24.11	-15.89	0.26	28.87	213.39
3125.00	3.48	245.78	3123.62	-23.81	-24.71	-17.26	0.38	30.14	214.93
3150.00	3.49	247.48	3148.58	-24.34	-25.32	-18.65	0.41	31.45	216.38
3175.00	3.64	249.22	3173.53	-24.84	-25.89	-20.10	0.74	32.77	217.82
3200.00	3.77	250.09	3198.47	-25.32	-26.45	-21.61	0.58	34.16	219.25
3225.00	3.84	250.93	3223.42	-25.79	-27.00	-23.17	0.36	35.58	220.64
3250.00	3.94	250.51	3248.36	-26.27	-27.56	-24.78	0.42	37.06	221.95

MD	INC	AZIM	IVD	VS	IN/S	HE/W	DLS	CLOSURE DIST	CLOSURE DIR
ft	deg	deg	ft	ft	ft	ft	%/100ft	ft	deg
3275.00	4.00	251.12	3273.30	26.76	-28.13	-26.41	0.28	38.59	223.19
3300.00	3.87	252.32	3298.24	27.21	-28.67	-28.04	0.59	40.10	224.36
3325.00	3.88	250.83	3323.19	-27.66	-29.20	-29.64	0.40	41.61	225.42
3350.00	3.96	253.79	3348.13	-28.10	-29.72	-31.27	0.87	43.14	226.45
3375.00	3.75	255.02	3373.07	-28.47	-30.18	-32.89	0.89	44.63	227.46
3400.00	4.23	252.12	3398.01	-28.88	-30.67	-34.55	2.08	46.20	228.41
3425.00	3.78	251.89	3422.95	-29.33	-31.21	-36.22	1.80	47.81	229.25
3450.00	3.78	252.66	3447.89	-29.75	-31.71	-37.79	0.20	49.33	230.00
3475.00	3.54	253.66	3472.84	-30.14	-32.17	-39.31	1.01	50.80	230.70
3500.00	3.23	254.56	3497.80	-30.47	-32.58	-40.73	1.27	52.16	231.35
3525.00	3.36	255.50	3522.76	-30.77	-32.95	-42.12	0.57	53.48	231.97
3550.00	3.23	252.93	3547.72	-31.09	-33.34	-43.50	0.77	54.81	232.53
3575.00	3.48	255.73	3572.67	-31.41	-33.73	-44.91	1.20	56.17	233.09
3600.00	3.91	251.98	3597.62	-31.78	-34.19	-46.46	1.97	57.68	233.66
3625.00	3.27	257.85	3622.57	-32.12	-34.60	-47.97	2.95	59.15	234.20
3650.00	3.41	254.07	3647.53	-32.40	-34.95	-49.38	1.05	60.50	234.71
3675.00	3.08	255.54	3672.49	-32.70	-35.33	-50.75	1.37	61.84	235.16
3700.00	2.97	256.15	3697.46	-32.96	-35.65	-52.03	0.48	63.07	235.58
3725.00	2.86	255.14	3722.42	-33.21	-35.96	-53.26	0.49	64.27	235.97
3750.00	2.83	255.85	3747.39	-33.46	-36.27	-54.46	0.18	65.44	236.33
3775.00	2.77	257.77	3772.36	-33.68	-36.55	-55.65	0.44	66.58	236.70
3800.00	2.77	255.97	3797.33	-33.89	-36.83	-56.83	0.35	67.72	237.05
3825.00	2.55	256.17	3822.31	-34.12	-37.11	-57.95	0.88	68.81	237.37
3850.00	2.19	260.83	3847.29	-34.27	-37.32	-58.96	1.63	69.78	237.67
3875.00	2.17	260.88	3872.27	-34.38	-37.47	-59.90	0.07	70.66	237.98
3900.00	2.44	261.11	3897.25	-34.48	-37.62	-60.90	1.07	71.58	238.29
3925.00	2.11	260.97	3922.23	-34.59	-37.78	-61.88	1.32	72.50	238.59
3950.00	2.11	261.70	3947.21	-34.68	-37.92	-62.79	0.11	73.35	238.87
3975.00	2.25	261.20	3972.19	-34.77	-38.06	-63.73	0.54	74.23	239.15
4000.00	2.28	258.77	3997.17	-34.90	-38.23	-64.70	0.41	75.15	239.42
4025.00	2.12	259.07	4022.15	-35.03	-38.42	-65.64	0.64	76.06	239.66
4050.00	2.17	263.37	4047.14	-35.13	-38.56	-66.57	0.67	76.93	239.92

MD	INC	AZIM	TVD	VS	CH/S	FE/W	DLS	CLOSURE DIST	CLOSURE DIR
ft	deg	deg	ft	ft	ft	ft	%/100ft	ft	deg
4075.00	2.16	263.21	4072.12	-35.19	-38.67	-67.51	0.05	77.80	240.20
4100.00	2.24	263.91	4097.10	-35.25	-38.78	-68.46	0.35	78.68	240.47
4125.00	2.28	263.20	4122.08	-35.31	-38.89	-69.44	0.20	79.59	240.75
4150.00	2.62	257.73	4147.06	-35.44	-39.07	-70.49	1.63	80.59	241.00
4175.00	2.23	262.38	4172.04	-35.57	-39.25	-71.53	1.75	81.59	241.24
4200.00	2.22	263.21	4197.02	-35.64	-39.37	-72.49	0.13	82.49	241.49
4225.00	2.38	261.90	4222.00	-35.72	-39.50	-73.49	0.70	83.43	241.74
4250.00	2.46	261.40	4246.97	-35.82	-39.66	-74.53	0.33	84.43	241.98
4275.00	2.49	263.88	4271.95	-35.91	-39.80	-75.60	0.44	85.44	242.24
4300.00	2.39	263.58	4296.93	-35.97	-39.91	-76.66	0.40	86.43	242.50
4325.00	2.19	261.13	4321.91	-36.05	-40.04	-77.65	0.89	87.37	242.72
4350.00	2.20	259.47	4346.89	-36.16	-40.21	-78.60	0.25	88.28	242.91
4375.00	1.94	255.86	4371.87	-36.31	-40.40	-79.48	1.16	89.16	243.06
4400.00	2.19	256.05	4396.86	-36.48	-40.62	-80.35	1.02	90.03	243.18
4425.00	2.02	257.63	4421.84	-36.65	-40.82	-81.25	0.71	90.93	243.32
4450.00	2.05	255.25	4446.82	-36.81	-41.03	-82.11	0.35	91.79	243.45
4475.00	1.78	251.52	4471.81	-37.01	-41.27	-82.91	1.18	92.61	243.54
4500.00	1.73	253.22	4496.80	-37.20	-41.50	-83.64	0.28	93.37	243.61
4525.00	1.45	255.32	4521.79	-37.36	-41.69	-84.30	1.16	94.05	243.69
4550.00	1.86	254.34	4546.78	-37.51	-41.88	-85.00	1.66	94.76	243.77
4575.00	2.05	253.57	4571.76	-37.70	-42.12	-85.82	0.77	95.60	243.86
4600.00	1.90	255.39	4596.75	-37.89	-42.35	-86.65	0.67	96.44	243.95
4625.00	1.84	251.28	4621.74	-38.09	-42.58	-87.43	0.58	97.25	244.03
4650.00	1.83	246.22	4646.72	-38.34	-42.87	-88.18	0.65	98.05	244.07
4675.00	1.76	246.91	4671.71	-38.61	-43.18	-88.90	0.31	98.83	244.09
4700.00	1.91	245.47	4696.70	-38.90	-43.51	-89.63	0.62	99.63	244.11
4725.00	1.85	243.93	4721.68	-39.21	-43.86	-90.37	0.32	100.45	244.11
4750.00	1.94	239.75	4746.67	-39.56	-44.25	-91.10	0.66	101.27	244.09
4775.00	1.84	236.59	4771.66	-39.96	-44.68	-91.80	0.58	102.09	244.05
4800.00	1.92	238.91	4796.64	-40.36	-45.12	-92.49	0.44	102.91	244.00
4825.00	1.78	239.09	4821.63	-40.74	-45.53	-93.18	0.53	103.71	243.96
4850.00	1.80	238.80	4846.62	-41.11	-45.94	-93.85	0.08	104.49	243.92

MD	INC	AZIM	TVD	VS	IN/AS	HE/W	DLS	CLOSURE DIST	CLOSURE DIR
ft	deg	deg	ft	ft	ft	ft	%/100ft	ft	deg
4875.00	1.82	236.27	4871.61	-41.50	-46.36	-94.52	0.33	105.27	243.87
4900.00	1.78	241.31	4896.59	-41.87	-46.77	-95.19	0.66	106.06	243.83
4925.00	1.87	239.70	4921.58	-42.23	-47.16	-95.88	0.44	106.85	243.81
4950.00	1.83	240.05	4946.57	-42.60	-47.56	-96.58	0.19	107.66	243.78
4975.00	1.91	239.64	4971.56	-42.97	-47.97	-97.28	0.36	108.47	243.75
5000.00	2.04	237.40	4996.54	-43.39	-48.42	-98.02	0.58	109.33	243.71
5025.00	2.12	240.36	5021.52	-43.81	-48.89	-98.80	0.53	110.23	243.67
5050.00	2.04	244.69	5046.51	-44.19	-49.31	-99.60	0.70	111.14	243.66
5075.00	2.00	246.09	5071.49	-44.52	-49.68	-100.40	0.25	112.02	243.67
5100.00	1.70	248.73	5096.48	-44.79	-49.99	-101.14	1.27	112.82	243.70
5125.00	1.83	250.69	5121.47	-45.02	-50.26	-101.87	0.59	113.59	243.74
5150.00	2.01	252.65	5146.45	-45.24	-50.52	-102.66	0.76	114.42	243.80
5175.00	1.83	249.16	5171.44	-45.47	-50.79	-103.46	0.87	115.25	243.85
5200.00	1.80	254.24	5196.43	-45.68	-51.04	-104.21	0.65	116.03	243.90
5225.00	1.74	253.19	5221.41	-45.86	-51.26	-104.95	0.25	116.80	243.97
5250.00	1.89	251.90	5246.40	-46.06	-51.50	-105.70	0.60	117.58	244.03
5275.00	1.90	248.98	5271.39	-46.30	-51.77	-106.48	0.39	118.40	244.07
5300.00	1.87	253.53	5296.37	-46.52	-52.04	-107.26	0.61	119.21	244.12
5325.00	1.69	250.28	5321.36	-46.72	-52.27	-107.99	0.82	119.98	244.17
5350.00	1.70	249.57	5346.35	-46.94	-52.53	-108.69	0.11	120.72	244.21
5375.00	1.77	252.86	5371.34	-47.15	-52.77	-109.41	0.47	121.47	244.25
5400.00	1.91	246.03	5396.33	-47.39	-53.05	-110.15	1.04	122.26	244.28
5425.00	1.68	246.08	5421.32	-47.67	-53.37	-110.87	0.91	123.05	244.29
5450.00	1.58	246.83	5446.30	-47.93	-53.66	-111.52	0.41	123.76	244.31
5475.00	1.50	250.20	5471.30	-48.14	-53.90	-112.14	0.49	124.43	244.33
5500.00	1.50	250.57	5496.29	-48.33	-54.12	-112.76	0.05	125.08	244.36
5525.00	1.54	246.30	5521.28	-48.54	-54.37	-113.38	0.47	125.74	244.38
5550.00	1.49	246.30	5546.27	-48.77	-54.63	-113.98	0.19	126.40	244.39
5575.00	1.56	247.07	5571.26	-49.01	-54.89	-114.59	0.31	127.06	244.40
5600.00	1.58	247.09	5596.25	-49.24	-55.16	-115.22	0.06	127.74	244.42
5625.00	1.57	247.43	5621.24	-49.47	-55.43	-115.85	0.04	128.43	244.43
5650.00	1.50	248.26	5646.23	-49.69	-55.68	-116.47	0.32	129.10	244.45

MD	INC	AZIM	TVD	VS	IN/AS	E/W	DLS	CLOSURE	CLOSURE
ft	deg	deg	ft	ft	ft	ft	%/100ft	DIST	DIR
								ft	deg
5675.00	1.62	248.40	5671.22	-49.91	-55.93	-117.11	0.50	129.78	244.47
5700.00	1.57	243.72	5696.21	-50.16	-56.21	-117.74	0.56	130.47	244.48
5725.00	1.51	242.50	5721.21	-50.43	-56.51	-118.34	0.25	131.14	244.47
5750.00	1.48	243.80	5746.20	-50.70	-56.81	-118.92	0.18	131.80	244.47
5775.00	1.58	240.11	5771.19	-50.98	-57.12	-119.51	0.55	132.46	244.45
5800.00	1.60	245.43	5796.18	-51.27	-57.44	-120.13	0.60	133.15	244.44
5825.00	1.45	243.31	5821.17	-51.52	-57.73	-120.73	0.65	133.82	244.44
5850.00	1.42	242.62	5846.16	-51.78	-58.01	-121.28	0.13	134.44	244.44
5875.00	1.53	245.51	5871.15	-52.03	-58.29	-121.86	0.53	135.09	244.44
5900.00	1.59	248.19	5896.14	-52.27	-58.56	-122.49	0.37	135.77	244.45
5925.00	1.65	250.23	5921.13	-52.48	-58.81	-123.15	0.33	136.47	244.47
5950.00	1.53	250.74	5946.12	-52.68	-59.04	-123.80	0.46	137.16	244.50
5975.00	1.65	249.11	5971.11	-52.89	-59.28	-124.45	0.50	137.85	244.53
6000.00	1.65	249.36	5996.10	-53.11	-59.54	-125.13	0.03	138.57	244.55
6025.00	1.67	249.18	6021.09	-53.33	-59.79	-125.80	0.09	139.29	244.58
6050.00	1.60	249.89	6046.08	-53.54	-60.04	-126.47	0.28	140.00	244.60
6075.00	1.67	250.01	6071.07	-53.75	-60.29	-127.14	0.27	140.71	244.63
6100.00	1.67	249.38	6096.06	-53.97	-60.54	-127.83	0.08	141.44	244.66
6125.00	1.79	248.08	6121.05	-54.21	-60.81	-128.53	0.53	142.19	244.68
6150.00	1.89	245.99	6146.04	-54.49	-61.13	-129.27	0.48	142.99	244.69
6175.00	1.91	243.47	6171.03	-54.80	-61.48	-130.02	0.34	143.82	244.69
6200.00	1.92	245.67	6196.01	-55.12	-61.84	-130.77	0.30	144.66	244.69
6225.00	1.94	244.80	6221.00	-55.43	-62.19	-131.54	0.14	145.50	244.69
6250.00	1.99	243.76	6245.98	-55.77	-62.56	-132.31	0.26	146.36	244.69
6275.00	2.06	242.94	6270.97	-56.12	-62.96	-133.10	0.27	147.24	244.68
6300.00	2.02	245.31	6295.95	-56.47	-63.35	-133.90	0.36	148.13	244.68
6325.00	2.12	241.41	6320.93	-56.83	-63.75	-134.70	0.68	149.03	244.67
6350.00	2.25	244.30	6345.92	-57.22	-64.19	-135.55	0.68	149.98	244.66
6375.00	2.03	244.31	6370.90	-57.58	-64.59	-136.39	0.87	150.91	244.66
6400.00	1.96	243.81	6395.88	-57.92	-64.97	-137.17	0.28	151.78	244.66
6425.00	1.86	244.28	6420.87	-58.25	-65.34	-137.92	0.39	152.62	244.65
6450.00	1.80	243.25	6445.86	-58.57	-65.69	-138.64	0.28	153.42	244.65

MD	INC	AZIM	TVD	VS	IN/S	FEAW	DLS	CLOSURE DIST	CLOSURE DIR
ft	deg	deg	ft	ft	ft	ft	%100ft	ft	deg
6475.00	1.77	242.66	6470.84	-58.89	-66.04	-139.33	-0.16	154.19	244.64
6500.00	1.77	245.29	6495.83	-59.19	-66.38	-140.03	-0.32	154.97	244.64
6525.00	1.70	244.83	6520.82	-59.47	-66.70	-140.71	-0.28	155.72	244.64
6550.00	1.61	243.71	6545.81	-59.75	-67.01	-141.36	-0.38	156.44	244.64
6575.00	1.40	241.58	6570.80	-60.02	-67.32	-141.95	0.87	157.10	244.63
6600.00	1.46	241.74	6595.79	-60.29	-67.61	-142.49	0.22	157.72	244.62
6625.00	1.47	240.96	6620.79	-60.57	-67.92	-143.05	0.10	158.36	244.60
6650.00	1.43	243.37	6645.78	-60.83	-68.21	-143.61	0.30	158.99	244.59
6675.00	1.22	257.01	6670.77	-61.00	-68.41	-144.15	1.51	159.56	244.61
6700.00	1.29	266.50	6695.77	-61.05	-68.49	-144.69	-0.88	160.08	244.67
6725.00	1.39	274.59	6720.76	-61.02	-68.48	-145.27	0.85	160.61	244.76
6750.00	1.37	286.80	6745.75	-60.88	-68.37	-145.86	-1.18	161.09	244.89
6775.00	1.54	294.06	6770.74	-60.62	-68.15	-146.45	1.02	161.53	245.05
6800.00	1.58	293.43	6795.73	-60.32	-67.87	-147.08	-0.14	161.98	245.23
6825.00	1.68	297.29	6820.72	-59.98	-67.57	-147.72	0.60	162.44	245.42
6850.00	1.65	294.23	6845.71	-59.63	-67.25	-148.37	0.37	162.90	245.62
6875.00	1.56	294.06	6870.70	-59.31	-66.97	-149.01	0.37	163.37	245.80
6900.00	1.47	301.67	6895.70	-58.98	-66.66	-149.60	0.90	163.78	245.98
6925.00	1.51	300.33	6920.69	-58.62	-66.32	-150.15	0.22	164.15	246.17
6950.00	1.42	309.04	6945.68	-58.23	-65.96	-150.68	0.96	164.48	246.36
6975.00	1.39	311.68	6970.67	-57.81	-65.57	-151.14	0.28	164.75	246.55
7000.00	1.44	310.59	6995.66	-57.38	-65.16	-151.61	0.23	165.02	246.74
7025.00	1.68	300.85	7020.65	-56.96	-64.77	-152.16	1.42	165.37	246.94
7050.00	1.69	296.75	7045.64	-56.57	-64.41	-152.81	0.49	165.83	247.14
7075.00	1.82	291.31	7070.63	-56.23	-64.10	-153.51	0.84	166.35	247.34
7100.00	1.81	290.14	7095.62	-55.91	-63.82	-154.25	0.15	166.93	247.52
7125.00	1.86	287.49	7120.61	-55.61	-63.56	-155.00	0.39	167.53	247.70
7150.00	1.79	288.40	7145.59	-55.33	-63.32	-155.76	0.30	168.14	247.88
7175.00	2.01	288.20	7170.58	-55.03	-63.06	-156.55	0.87	168.77	248.06
7200.00	1.93	285.99	7195.57	-54.74	-62.81	-157.37	0.42	169.44	248.24
7225.00	2.05	284.32	7220.55	-54.47	-62.58	-158.21	0.53	170.14	248.42
7250.00	1.91	278.33	7245.54	-54.25	-62.41	-159.06	1.00	170.86	248.58

MD	INC	AZIM	TVD	VS	TNAS	TEAW	DLS	CLOSURE DIST	CLOSURE DIR
ft	deg	deg	ft	ft	ft	ft	%/100ft	ft	deg
7275.00	1.98	277.17	7270.52	-54.10	-62.29	-159.90	0.32	171.60	248.71
7300.00	2.00	276.16	7295.51	-53.95	-62.19	-160.76	0.15	172.37	248.85
7325.00	2.14	277.11	7320.49	-53.80	-62.09	-161.66	0.59	173.17	248.99
7350.00	2.00	273.50	7345.47	-53.67	-62.00	-162.56	0.75	173.98	249.12
7375.00	1.98	271.78	7370.46	-53.59	-61.96	-163.42	0.25	174.78	249.24
7400.00	2.00	270.22	7395.44	-53.53	-61.95	-164.29	0.23	175.58	249.34
7425.00	1.89	267.49	7420.43	-53.50	-61.97	-165.14	0.59	176.38	249.43
7450.00	1.68	268.13	7445.42	-53.49	-62.00	-165.92	0.84	177.12	249.51
7475.00	1.93	268.79	7470.40	-53.47	-62.02	-166.70	0.99	177.87	249.59
7500.00	1.86	271.84	7495.39	-53.43	-62.01	-167.53	0.48	178.64	249.69
7525.00	1.91	275.63	7520.38	-53.33	-61.96	-168.35	0.54	179.39	249.80
7550.00	1.96	281.61	7545.36	-53.16	-61.83	-169.19	0.83	180.13	249.92
7575.00	2.30	288.07	7570.35	-52.88	-61.59	-170.08	1.67	180.89	250.09
7600.00	2.54	286.15	7595.32	-52.51	-61.28	-171.09	1.01	181.74	250.29
7625.00	2.63	285.71	7620.30	-52.15	-60.97	-172.18	0.34	182.65	250.50
7650.00	2.59	281.70	7645.27	-51.83	-60.70	-173.28	0.74	183.61	250.69
7675.00	2.78	276.02	7670.24	-51.59	-60.52	-174.44	1.32	184.64	250.87
7700.00	3.00	273.14	7695.21	-51.43	-60.42	-175.69	1.03	185.79	251.02
7725.00	3.08	270.48	7720.18	-51.32	-60.38	-177.02	0.65	187.03	251.17
7750.00	3.43	270.71	7745.14	-51.23	-60.37	-178.44	1.38	188.37	251.31
7775.00	3.52	267.43	7770.09	-51.18	-60.39	-179.95	0.88	189.81	251.45
7800.00	3.64	267.19	7795.04	-51.17	-60.46	-181.51	0.50	191.32	251.58
7825.00	3.84	266.31	7819.99	-51.18	-60.56	-183.14	0.83	192.89	251.70
7850.00	3.87	261.96	7844.93	-51.27	-60.73	-184.81	1.17	194.53	251.81
7875.00	3.46	258.41	7869.88	-51.46	-61.00	-186.39	1.87	196.11	251.88
7900.00	3.22	253.38	7894.84	-51.74	-61.35	-187.80	1.51	197.57	251.91
7925.00	3.00	246.25	7919.80	-52.14	-61.82	-189.07	1.78	198.92	251.89
7950.00	2.93	245.80	7944.77	-52.60	-62.34	-190.25	0.30	200.21	251.86
7975.00	3.02	243.97	7969.73	-53.09	-62.89	-191.43	0.53	201.50	251.81
8000.00	2.94	242.95	7994.70	-53.62	-63.47	-192.59	0.40	202.78	251.76
8025.00	2.94	241.83	8019.67	-54.15	-64.07	-193.73	0.23	204.05	251.70
8050.00	2.84	240.95	8044.64	-54.70	-64.67	-194.84	0.43	205.29	251.64

MD	INC	AZIM	TVD	VS	HW/S	HEAW	DLS	CLOSURE DIST	CLOSURE DIR
ft	deg	deg	ft	ft	ft	ft	%/100ft	ft	deg
8075.00	2.83	240.16	8069.61	-55.25	-65.28	-195.91	0.16	206.50	251.57
8100.00	2.73	246.38	8094.58	-55.74	-65.83	-197.00	1.27	207.70	251.52
8125.00	2.57	250.32	8119.55	-56.11	-66.26	-198.07	0.97	208.86	251.50
8150.00	2.37	252.00	8144.53	-56.41	-66.60	-199.09	0.88	209.94	251.50
8175.00	2.25	249.24	8169.51	-56.70	-66.94	-200.04	0.65	210.94	251.50
8200.00	2.29	250.33	8194.49	-56.99	-67.28	-200.97	0.24	211.93	251.49
8225.00	2.16	250.86	8219.47	-57.27	-67.60	-201.89	0.53	212.90	251.49
8250.00	2.16	250.23	8244.45	-57.53	-67.92	-202.77	0.10	213.84	251.48
8275.00	2.05	249.54	8269.43	-57.81	-68.23	-203.63	0.44	214.76	251.48
8300.00	1.89	247.91	8294.42	-58.08	-68.54	-204.44	0.66	215.62	251.46
8325.00	1.81	252.85	8319.40	-58.31	-68.81	-205.20	0.72	216.43	251.46
8350.00	1.85	250.89	8344.39	-58.52	-69.06	-205.95	0.30	217.22	251.46
8375.00	2.10	261.20	8369.38	-58.68	-69.27	-206.79	1.74	218.08	251.48
8400.00	2.27	262.00	8394.36	-58.77	-69.40	-207.73	0.69	219.02	251.53
8425.00	2.60	265.54	8419.34	-58.83	-69.52	-208.79	1.43	220.06	251.58
8450.00	2.71	263.48	8444.31	-58.88	-69.63	-209.94	0.57	221.19	251.65
8475.00	2.97	266.66	8469.28	-58.92	-69.73	-211.17	1.21	222.39	251.73
8500.00	2.95	264.70	8494.25	-58.95	-69.83	-212.46	0.41	223.64	251.81
8525.00	2.94	266.36	8519.21	-58.99	-69.93	-213.74	0.34	224.89	251.88
8550.00	2.94	267.14	8544.18	-59.00	-70.00	-215.02	0.16	226.13	251.97
8575.00	2.75	270.12	8569.15	-58.96	-70.03	-216.26	0.97	227.32	252.06
8600.00	2.65	267.85	8594.12	-58.93	-70.05	-217.44	0.59	228.44	252.14
8625.00	2.43	269.36	8619.10	-58.90	-70.08	-218.54	0.92	229.51	252.22
8650.00	2.53	270.12	8644.07	-58.85	-70.09	-219.63	0.44	230.54	252.30
8675.00	2.43	270.26	8669.05	-58.79	-70.08	-220.71	0.40	231.57	252.38
8700.00	2.50	269.89	8694.03	-58.73	-70.08	-221.78	0.28	232.59	252.46
8725.00	2.65	268.28	8719.00	-58.69	-70.10	-222.91	0.66	233.67	252.54
8750.00	2.63	271.22	8743.97	-58.64	-70.11	-224.06	0.55	234.77	252.63
8775.00	2.83	267.35	8768.95	-58.60	-70.12	-225.25	1.08	235.91	252.71
8798.04	2.56	270.99	8791.96	-58.56	-70.14	-226.33	1.37	236.95	252.78