

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

30-015-44004

*CANCELLED
APD.*

- ☒ 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

☐ 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

RECEIVED

DEC 04 2019

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

DISTRICT IV ARTESIA O.C.D.

☐ 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 30-015-44004	⁵ Pool Name Purple Sage; Wolfcamp	⁶ Pool Code 98220
⁷ Property Code 38521	⁸ Property Name Myox 21 State Com	⁹ Well Number 34H

II. 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
N	21	25S	28E		220	South	1709	West	Eddy

¹¹ Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
C	16	25S	28E		201	North	2070	West	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 3/14/19	²² Ready Date	²³ TD 19,390'	²⁴ PBDT 19,296'	²⁵ Perforations 9,546-19,285'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	616'	670		
12 1/4"	9 7/8"	8,710'	2025		
8 3/4"	5.5"	19,376'	4450		
	2 7/8"	8,735'			

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	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:

Approval Date:

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 30-015-44004	Pool Code 98220	Pool Name Purple Sage; Wolfcamp
Property Code 38521	Property Name MYOX 21 STATE COM	Well Number 34H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 2976.9'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	21	25-S	28-E		220	SOUTH	1709	WEST	EDDY

Bottom Hole Location If Different From Surface

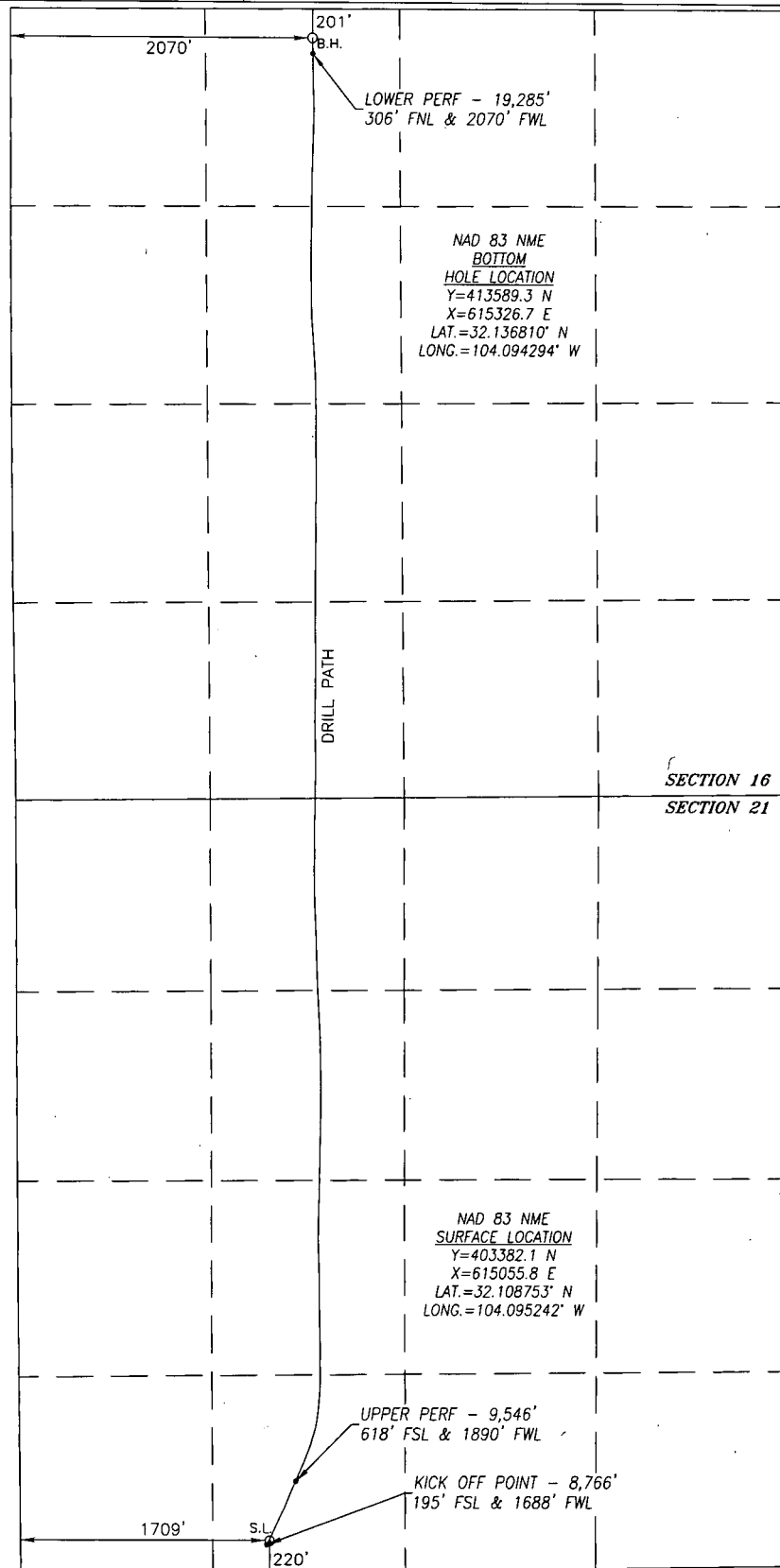
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	16	25-S	28-E		201	NORTH	2070	WEST	EDDY

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

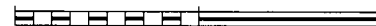
SEE PAGE 2

Property Code 38521	Property Name MYOX 21 STATE COM	Well Number 34H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 2976.9'



SURFACE INFO AND BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE MYOX 21 STATE COM #34H SUPPLIED TO HARCROW SURVEYING, LLC ON NOVEMBER 14, 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 11/27/19
Signature Date

Amanda Avery

Printed Name

aaavery@concho.com

E-mail Address

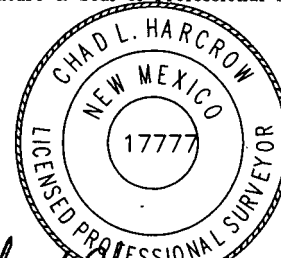
SURVEYOR CERTIFICATION

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/JULY 8, 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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Intent ☐ As Drilled ☒ XAPI #
30-015-44004

DISTRICT 7 - ARTESIA O.G.D.

Operator Name: COG OPERATING, LLC	Property Name: MYOX 21 STATE COM	Well Number 34H
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Kick Off Point (KOP)

UL N	Section 21	Township 25S	Range 28E	Lot	Feet 195	From N/S SOUTH	Feet 1688	From E/W WEST	County EDDY
Latitude 32.108684					Longitude -104.095309			NAD 83	

First Take Point (FTP)

UL N	Section 21	Township 25S	Range 28E	Lot	Feet 618	From N/S SOUTH	Feet 1890	From E/W WEST	County EDDY
Latitude 32.109850					Longitude -104.094665			NAD 83	

Last Take Point (LTP)

UL C	Section 16	Township 25S	Range 28E	Lot	Feet 306	From N/S NORTH	Feet 2070	From E/W WEST	County EDDY
Latitude 32.136521					Longitude -104.094289			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

CONFIDENTIAL

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DEC 04 2019

COG

DISTRICT ATTORNEY

SURVEY REPORT

MYOX 21 STATE COM #34H

ENSIGN #155

6/15/2019

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

JAKE ELGER

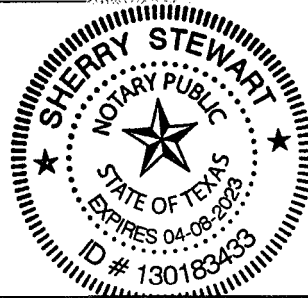
Notarized this date 03 of JULY 2019

Sherry Stewart

Notary Signature

County of Midland

State of Texas

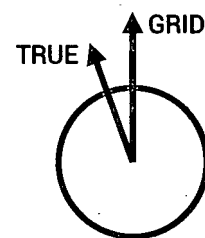


The Ultimate Partner In Wellbore Placement

SURVEY REPORT

MYOX 21 STATE COM #34H

COMPUTED KEEPER GYRO WIRELINE SURVEY

CUSTOMER
PROJECT
FIELDCOG
Myox 21 State Com #34H
Myox 21 State Com #34HSDI JOB NO.
SDI DISTRICT
SDI KIT/UNITOP:019257
Midland**SITE INFORMATION**Site Name Myox 21 State Com #34H
Lat/Long 32.10863° N, 104.0947524° W
Northing 403,324.3 ft
Easting 573,871.6 ftSection
Township
Range**MAP INFORMATION**North Reference Grid North
Grid Correction -0.13 deg
System US State Plane 1983
Datum North American Datum 1983 (GRS 1980)
Map Zone New Mexico East: 3001**WELL INFORMATION**Lat/Long 32.10863° N, 104.0947524° W
Northing 403,324.3 ft
Easting 573,871.6 ft
UWI 30-015-45376**DEPTH AND ELEVATION REFERENCE**Ground Level 2976.9 ft above Mean Sea
Level
Reference Datum RKB
Reference Height 24 ft above G.L.
Reference Elevation 3000.9 ft**VERTICAL SECTION REFERENCE**+N/-S 0 ft
+E/-W 0 ft
Proposal Direction 1.48°
Calculation Method Minimum Curvature**LOCAL GRAVITY REFERENCE INFORMATION**Local Gravity 998.532 mG [computed]
True to Grid subtract 0.13°**WELL NOTES****OPERATORS**

Nathan Yerby

SDI Operator Name (Printed)

SIGNATURE

DATE



MD	INC	AZIM	TVD	VS	+N/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	0.54	25.74	100.00	0.43	0.42	0.20	0.54	0.47	25.74
125.00	0.51	36.48	125.00	0.63	0.62	0.32	0.41	0.70	27.44
150.00	0.68	52.37	150.00	0.81	0.80	0.50	0.95	0.94	32.31
175.00	0.78	76.59	174.99	0.95	0.93	0.79	1.28	1.22	40.32
200.00	0.89	89.64	199.99	1.00	0.97	1.15	0.87	1.50	49.81
225.00	0.91	92.58	224.99	1.00	0.96	1.54	0.21	1.81	58.03
250.00	0.93	86.77	249.99	1.01	0.96	1.94	0.39	2.17	63.61
275.00	0.93	91.70	274.98	1.03	0.97	2.35	0.32	2.54	67.59
300.00	1.08	82.49	299.98	1.06	0.99	2.78	0.88	2.96	70.37
325.00	0.89	90.70	324.97	1.10	1.02	3.21	0.95	3.37	72.36
350.00	0.81	84.39	349.97	1.13	1.04	3.58	0.50	3.73	73.86
375.00	0.92	74.06	374.97	1.21	1.11	3.95	0.76	4.10	74.32
400.00	0.83	73.71	399.97	1.32	1.21	4.31	0.35	4.48	74.28
425.00	0.85	69.76	424.96	1.45	1.33	4.66	0.25	4.85	74.09
450.00	0.72	75.87	449.96	1.56	1.43	4.99	0.62	5.19	73.99
475.00	0.77	73.07	474.96	1.65	1.52	5.30	0.25	5.51	74.01
500.00	0.84	57.56	499.96	1.81	1.67	5.61	0.92	5.86	73.48
525.00	0.70	62.49	524.95	1.99	1.83	5.90	0.64	6.18	72.74
550.00	0.57	44.89	549.95	2.15	1.99	6.13	0.92	6.44	71.98
575.00	0.59	16.81	574.95	2.36	2.20	6.25	1.13	6.63	70.58
600.00	0.61	357.84	599.95	2.62	2.46	6.28	0.80	6.75	68.62
625.00	0.41	340.42	624.95	2.84	2.68	6.25	1.02	6.80	66.80
650.00	0.49	315.62	649.95	3.00	2.84	6.14	0.84	6.77	65.20
675.00	0.70	287.26	674.95	3.11	2.96	5.92	1.43	6.62	63.43
700.00	0.86	269.63	699.94	3.15	3.01	5.59	1.15	6.35	61.73
725.00	1.61	243.91	724.94	2.98	2.85	5.09	3.64	5.83	60.73
750.00	2.54	231.58	749.92	2.46	2.35	4.34	4.14	4.93	61.53
775.00	2.93	230.40	774.89	1.69	1.60	3.41	1.55	3.77	64.86
800.00	2.91	230.49	799.86	0.85	0.79	2.43	0.09	2.55	71.99
825.00	2.84	230.46	824.83	0.03	-0.01	1.46	0.26	1.46	90.32
850.00	2.84	230.69	849.80	-0.78	-0.80	0.50	0.04	0.94	147.62

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	2.92	228.85	874.77	-1.62	-1.61	-0.45	0.48	1.67	195.79
900.00	2.93	230.12	899.74	-2.47	-2.44	-1.42	0.27	2.82	210.32
925.00	2.29	226.92	924.71	-3.24	-3.19	-2.28	2.63	3.92	215.58
950.00	1.27	223.89	949.70	-3.80	-3.73	-2.84	4.08	4.68	217.27
975.00	0.90	217.75	974.69	-4.16	-4.08	-3.15	1.55	5.16	217.65
1000.00	0.55	208.34	999.69	-4.43	-4.34	-3.33	1.50	5.47	217.45
1025.00	0.21	96.24	1024.69	-4.54	-4.45	-3.34	2.61	5.57	216.85
1050.00	0.61	66.63	1049.69	-4.49	-4.41	-3.17	1.76	5.43	215.74
1075.00	0.85	62.74	1074.69	-4.34	-4.27	-2.88	0.98	5.15	214.04
1100.00	0.92	65.45	1099.68	-4.16	-4.10	-2.54	0.32	4.82	211.74
1125.00	0.97	65.89	1124.68	-3.99	-3.93	-2.16	0.19	4.49	208.80
1150.00	0.99	59.25	1149.68	-3.78	-3.73	-1.78	0.46	4.14	205.53
1175.00	0.86	69.91	1174.67	-3.60	-3.56	-1.42	0.84	3.83	201.77
1200.00	0.92	62.80	1199.67	-3.43	-3.40	-1.07	0.49	3.57	197.40
1225.00	0.93	64.44	1224.67	-3.24	-3.22	-0.71	0.12	3.30	192.36
1250.00	0.89	60.68	1249.66	-3.05	-3.04	-0.35	0.29	3.06	186.65
1275.00	0.93	67.74	1274.66	-2.87	-2.87	0.00	0.47	2.87	179.97
1300.00	0.99	66.66	1299.66	-2.70	-2.71	0.39	0.26	2.74	171.88
1325.00	0.92	64.11	1324.65	-2.52	-2.54	0.76	0.33	2.65	163.23
1350.00	0.93	69.90	1349.65	-2.35	-2.38	1.14	0.38	2.64	154.47
1375.00	0.95	76.16	1374.65	-2.22	-2.26	1.53	0.42	2.73	145.90
1400.00	1.04	59.58	1399.64	-2.04	-2.09	1.93	1.20	2.85	137.37
1425.00	1.03	68.21	1424.64	-1.83	-1.90	2.33	0.63	3.01	129.10
1450.00	1.09	71.93	1449.64	-1.67	-1.74	2.77	0.37	3.27	122.14
1475.00	1.02	71.82	1474.63	-1.51	-1.60	3.20	0.30	3.58	116.46
1500.00	0.99	71.53	1499.63	-1.36	-1.46	3.62	0.11	3.90	111.93
1525.00	1.02	68.76	1524.62	-1.20	-1.31	4.03	0.23	4.24	107.99
1550.00	0.93	66.32	1549.62	-1.03	-1.15	4.42	0.39	4.57	104.54
1575.00	0.06	15.01	1574.62	-0.93	-1.05	4.61	3.57	4.73	102.86
1600.00	0.27	274.73	1599.62	-0.92	-1.03	4.56	1.13	4.67	102.79
1625.00	0.42	260.09	1624.62	-0.93	-1.05	4.41	0.69	4.53	103.34
1650.00	0.68	265.44	1649.62	-0.97	-1.07	4.17	1.05	4.31	104.42

MD	INC	AZIM	TVD	VS	+N/S	+E/W	DLS	CLOSURE DIST	CLOSURE DIR
ft	deg	deg	ft	ft	ft	ft	%/100ft	ft	deg
1675.00	0.49	256.90	1674.62	-1.01	-1.11	3.92	0.83	4.08	105.78
1700.00	0.57	261.60	1699.61	-1.06	-1.15	3.70	0.37	3.87	107.29
1725.00	0.44	253.19	1724.61	-1.11	-1.20	3.48	0.60	3.68	108.96
1750.00	0.22	264.54	1749.61	-1.14	-1.23	3.35	0.91	3.56	110.17
1775.00	0.25	154.31	1774.61	-1.20	-1.28	3.32	1.55	3.56	111.12
1800.00	0.60	118.76	1799.61	-1.31	-1.40	3.46	1.67	3.73	111.97
1825.00	0.84	114.37	1824.61	-1.44	-1.53	3.74	1.01	4.04	112.30
1850.00	0.99	112.15	1849.61	-1.58	-1.69	4.11	0.60	4.44	112.38
1875.00	0.90	119.27	1874.60	-1.75	-1.87	4.48	0.58	4.85	112.65
1900.00	1.34	114.14	1899.60	-1.96	-2.08	4.92	1.79	5.34	112.97
1925.00	1.36	112.28	1924.59	-2.17	-2.32	5.46	0.20	5.93	112.99
1950.00	1.51	116.89	1949.58	-2.42	-2.58	6.03	0.76	6.56	113.16
1975.00	1.46	113.96	1974.58	-2.69	-2.86	6.61	0.38	7.20	113.36
2000.00	1.66	117.31	1999.57	-2.97	-3.15	7.23	0.90	7.89	113.57
2025.00	1.47	119.70	2024.56	-3.27	-3.48	7.83	0.83	8.57	113.96
2050.00	1.42	134.94	2049.55	-3.64	-3.85	8.32	1.54	9.17	114.85
2075.00	1.48	143.60	2074.54	-4.11	-4.33	8.73	0.91	9.75	116.38
2100.00	1.49	141.81	2099.53	-4.61	-4.85	9.13	0.19	10.33	117.97
2125.00	1.53	142.68	2124.52	-5.12	-5.37	9.53	0.19	10.94	119.39
2150.00	1.48	141.38	2149.52	-5.63	-5.89	9.93	0.24	11.55	120.65
2175.00	1.79	141.53	2174.51	-6.17	-6.44	10.38	1.25	12.22	121.84
2200.00	1.86	136.54	2199.49	-6.76	-7.05	10.90	0.70	12.98	122.87
2225.00	1.69	133.50	2224.48	-7.30	-7.59	11.45	0.79	13.74	123.56
2250.00	1.10	117.72	2249.47	-7.65	-7.96	11.93	2.81	14.34	123.72
2275.00	0.32	88.87	2274.47	-7.75	-8.07	12.21	3.33	14.64	123.46
2300.00	0.41	41.89	2299.47	-7.66	-7.98	12.29	1.97	14.65	123.00
2325.00	1.08	283.55	2324.47	-7.52	-7.83	12.06	4.39	14.39	123.00
2350.00	1.96	269.58	2349.46	-7.48	-7.78	11.41	3.81	13.81	124.30
2375.00	2.43	273.96	2374.44	-7.48	-7.75	10.45	1.98	13.01	126.55
2400.00	2.55	271.30	2399.42	-7.45	-7.70	9.37	0.67	12.13	129.42
2425.00	2.65	270.41	2424.39	-7.47	-7.68	8.23	0.44	11.26	133.02
2450.00	2.62	269.20	2449.37	-7.50	-7.69	7.08	0.25	10.45	137.34

MD	INC	AZIM	TVD	VS	+NAS	+E/W	DLS	CLOSURE DIST	CLOSURE DIR
ft	deg	deg	ft	ft	ft	ft	%/100ft	ft	deg
2475.00	2.49	270.77	2474.34	-7.53	-7.69	5.97	0.58	9.73	142.17
2500.00	2.76	269.34	2499.31	-7.56	-7.69	4.82	1.10	9.07	147.89
2525.00	2.59	271.96	2524.29	-7.58	-7.67	3.66	0.82	8.50	154.53
2550.00	2.58	272.76	2549.26	-7.56	-7.63	2.53	0.15	8.04	161.67
2575.00	2.58	276.68	2574.24	-7.50	-7.53	1.41	0.70	7.66	169.43
2600.00	2.22	280.58	2599.21	-7.37	-7.38	0.37	1.57	7.39	177.12
2625.00	1.49	281.37	2624.20	-7.24	-7.23	-0.42	2.94	7.24	183.35
2650.00	1.30	276.95	2649.19	-7.15	-7.13	-1.02	0.86	7.20	188.17
2675.00	1.19	282.39	2674.19	-7.08	-7.04	-1.56	0.66	7.21	192.48
2700.00	1.26	286.03	2699.18	-6.96	-6.91	-2.07	0.42	7.21	196.72
2725.00	1.07	284.00	2724.18	-6.84	-6.78	-2.56	0.78	7.24	200.73
2750.00	1.13	281.24	2749.17	-6.75	-6.67	-3.03	0.34	7.33	204.44
2775.00	1.08	286.71	2774.17	-6.64	-6.56	-3.50	0.47	7.43	208.10
2800.00	1.16	284.51	2799.16	-6.52	-6.42	-3.97	0.37	7.55	211.73
2825.00	1.12	283.59	2824.16	-6.42	-6.30	-4.45	0.20	7.72	215.25
2850.00	1.11	286.34	2849.15	-6.30	-6.18	-4.92	0.22	7.90	218.55
2875.00	1.15	285.79	2874.15	-6.18	-6.04	-5.40	0.17	8.10	221.76
2900.00	1.19	286.76	2899.14	-6.05	-5.90	-5.88	0.19	8.33	224.93
2925.00	1.03	281.78	2924.14	-5.94	-5.78	-6.35	0.73	8.59	227.71
2950.00	1.17	278.04	2949.13	-5.87	-5.70	-6.83	0.62	8.89	230.15
2975.00	1.02	286.60	2974.13	-5.78	-5.60	-7.29	0.89	9.19	232.48
3000.00	0.55	243.33	2999.13	-5.78	-5.59	-7.61	2.89	9.44	233.71
3025.00	0.35	204.54	3024.13	-5.91	-5.71	-7.75	1.43	9.63	233.61
3050.00	0.39	185.35	3049.13	-6.06	-5.86	-7.79	0.52	9.75	233.03
3075.00	0.63	187.93	3074.13	-6.28	-6.08	-7.82	0.96	9.91	232.10
3100.00	0.43	179.05	3099.12	-6.51	-6.31	-7.83	0.83	10.06	231.13
3125.00	0.41	183.06	3124.12	-6.70	-6.50	-7.84	0.15	10.18	230.33
3150.00	0.43	179.80	3149.12	-6.88	-6.68	-7.84	0.12	10.30	229.56
3175.00	0.37	173.47	3174.12	-7.06	-6.86	-7.83	0.29	10.41	228.80
3200.00	0.32	175.19	3199.12	-7.21	-7.01	-7.82	0.20	10.50	228.13
3225.00	0.43	174.44	3224.12	-7.37	-7.17	-7.80	0.46	10.60	227.42
3250.00	0.40	168.24	3249.12	-7.55	-7.35	-7.78	0.23	10.70	226.61

MD	INC	AZIM	TVD	VS	+N/S	+E/W	DLS	CLOSURE DIST	CLOSURE DIR
ft	deg	deg	ft	ft	ft	ft	%/100ft	ft	deg
3275.00	0.49	181.06	3274.12	-7.74	-7.54	-7.76	0.53	10.82	225.81
3300.00	0.35	166.68	3299.12	-7.92	-7.72	-7.74	0.70	10.94	225.08
3325.00	0.41	186.69	3324.12	-8.08	-7.88	-7.74	0.59	11.05	224.46
3350.00	0.43	183.18	3349.12	-8.27	-8.07	-7.75	0.14	11.19	223.86
3375.00	0.36	175.13	3374.12	-8.44	-8.24	-7.75	0.38	11.31	223.25
3400.00	0.45	174.88	3399.12	-8.61	-8.41	-7.74	0.37	11.43	222.59
3425.00	0.46	177.62	3424.12	-8.81	-8.61	-7.72	0.10	11.57	221.88
3450.00	0.33	154.61	3449.12	-8.97	-8.78	-7.69	0.81	11.67	221.21
3475.00	0.53	172.89	3474.11	-9.16	-8.96	-7.64	0.96	11.78	220.46
3500.00	0.47	195.93	3499.11	-9.37	-9.17	-7.66	0.84	11.95	219.84
3525.00	0.54	182.02	3524.11	-9.59	-9.39	-7.69	0.58	12.14	219.30
3550.00	0.35	168.33	3549.11	-9.78	-9.58	-7.68	0.90	12.28	218.70
3575.00	0.57	183.80	3574.11	-9.98	-9.78	-7.67	1.01	12.43	218.10
3600.00	0.56	184.74	3599.11	-10.22	-10.03	-7.69	0.05	12.63	217.48
3625.00	0.55	180.31	3624.11	-10.46	-10.27	-7.70	0.17	12.83	216.86
3650.00	0.37	170.37	3649.11	-10.66	-10.47	-7.69	0.80	12.99	216.29
3675.00	0.87	192.65	3674.11	-10.93	-10.73	-7.71	2.20	13.22	215.71
3700.00	0.71	169.40	3699.10	-11.26	-11.07	-7.73	1.42	13.50	214.92
3725.00	0.68	176.16	3724.10	-11.57	-11.37	-7.69	0.35	13.73	214.06
3750.00	0.73	177.17	3749.10	-11.87	-11.68	-7.67	0.21	13.97	213.29
3775.00	0.74	178.64	3774.10	-12.19	-12.00	-7.66	0.08	14.24	212.55
3800.00	0.80	175.80	3799.10	-12.53	-12.34	-7.64	0.28	14.51	211.78
3825.00	0.67	166.94	3824.09	-12.84	-12.65	-7.60	0.67	14.76	210.98
3850.00	0.79	171.20	3849.09	-13.16	-12.97	-7.54	0.52	15.00	210.17
3875.00	0.82	173.38	3874.09	-13.50	-13.31	-7.49	0.17	15.28	209.36
3900.00	0.74	169.89	3899.09	-13.84	-13.65	-7.44	0.37	15.55	208.59
3925.00	0.75	180.37	3924.09	-14.16	-13.98	-7.41	0.55	15.82	207.94
3950.00	0.68	179.86	3949.08	-14.47	-14.29	-7.41	0.27	16.10	207.43
3975.00	0.72	175.30	3974.08	-14.78	-14.59	-7.40	0.26	16.36	206.89
4000.00	0.77	172.10	3999.08	-15.10	-14.91	-7.36	0.28	16.63	206.28
4025.00	0.46	184.32	4024.08	-15.37	-15.18	-7.35	1.36	16.87	205.83
4050.00	0.20	43.22	4049.08	-15.43	-15.25	-7.33	2.50	16.92	205.66

MD	INC	AZIM	TVD	VS	+N/S	+E/W	DLS	CLOSURE DIST	CLOSURE DIR
ft	deg	deg	ft	ft	ft	ft	%/100ft	ft	deg
4075.00	0.32	6.20	4074.08	-15.33	-15.15	-7.29	0.79	16.81	205.69
4100.00	0.46	353.01	4099.08	-15.16	-14.98	-7.29	0.68	16.66	205.96
4125.00	0.61	342.17	4124.08	-14.94	-14.76	-7.35	0.72	16.48	206.47
4150.00	0.55	333.82	4149.07	-14.71	-14.52	-7.44	0.42	16.32	207.13
4175.00	0.47	359.41	4174.07	-14.50	-14.31	-7.49	0.95	16.16	207.64
4200.00	0.57	349.19	4199.07	-14.28	-14.09	-7.52	0.55	15.97	208.09
4225.00	0.56	341.37	4224.07	-14.04	-13.85	-7.58	0.31	15.79	208.69
4250.00	0.50	352.05	4249.07	-13.82	-13.63	-7.64	0.47	15.62	209.26
4275.00	0.49	352.22	4274.07	-13.61	-13.41	-7.66	0.06	15.45	209.74
4300.00	0.43	352.85	4299.07	-13.41	-13.22	-7.69	0.24	15.29	210.19
4325.00	0.54	354.14	4324.07	-13.20	-13.01	-7.71	0.46	15.12	210.67
4350.00	0.49	348.89	4349.07	-12.98	-12.79	-7.75	0.28	14.95	211.21
4375.00	0.39	346.90	4374.07	-12.79	-12.60	-7.79	0.38	14.81	211.72
4400.00	0.33	300.28	4399.07	-12.68	-12.48	-7.87	1.17	14.75	212.23
4425.00	0.57	329.64	4424.06	-12.54	-12.33	-7.99	1.31	14.70	212.95
4450.00	0.54	339.56	4449.06	-12.32	-12.12	-8.10	0.41	14.57	213.76
4475.00	0.55	350.17	4474.06	-12.09	-11.89	-8.16	0.41	14.42	214.47
4500.00	0.60	347.49	4499.06	-11.85	-11.64	-8.21	0.21	14.24	215.19
4525.00	0.83	350.74	4524.06	-11.54	-11.33	-8.27	0.95	14.03	216.10
4550.00	0.72	356.76	4549.06	-11.21	-11.00	-8.30	0.54	13.78	217.05
4575.00	0.64	343.82	4574.05	-10.92	-10.71	-8.35	0.70	13.58	217.96
4600.00	0.58	336.40	4599.05	-10.67	-10.46	-8.44	0.40	13.44	218.91
4625.00	0.67	338.51	4624.05	-10.42	-10.20	-8.54	0.35	13.31	219.94
4650.00	0.70	333.18	4649.05	-10.15	-9.93	-8.67	0.28	13.18	221.10
4675.00	0.64	333.60	4674.05	-9.90	-9.67	-8.80	0.23	13.08	222.28
4700.00	0.72	328.26	4699.05	-9.64	-9.42	-8.94	0.41	12.98	223.52
4725.00	0.72	331.47	4724.04	-9.38	-9.14	-9.10	0.16	12.90	224.86
4750.00	0.90	326.57	4749.04	-9.08	-8.84	-9.28	0.77	12.82	226.38
4775.00	0.76	329.92	4774.04	-8.78	-8.54	-9.47	0.58	12.75	227.98
4800.00	0.75	320.87	4799.04	-8.51	-8.27	-9.66	0.48	12.71	229.44
4825.00	0.76	319.41	4824.04	-8.27	-8.01	-9.87	0.10	12.71	230.92
4850.00	0.81	320.82	4849.03	-8.01	-7.75	-10.09	0.22	12.72	232.46

MD	INC	AZIM	TVD	VS	+N/S	+E/W	DLS	CLOSURE DIST	CLOSURE DIR
ft	deg	deg	ft	ft	ft	ft	%/100ft	ft	deg
4875.00	0.76	321.63	4874.03	-7.75	-7.48	-10.30	0.19	12.73	234.01
4900.00	0.82	310.81	4899.03	-7.51	-7.24	-10.54	0.64	12.79	235.54
4925.00	0.84	320.42	4924.03	-7.25	-6.98	-10.80	0.56	12.85	237.12
4950.00	0.85	315.71	4949.02	-6.99	-6.70	-11.04	0.28	12.92	238.74
4975.00	0.86	315.59	4974.02	-6.73	-6.44	-11.30	0.03	13.01	240.34
5000.00	0.82	304.37	4999.02	-6.50	-6.20	-11.58	0.67	13.14	241.83
5025.00	0.78	309.16	5024.02	-6.30	-5.99	-11.86	0.32	13.29	243.18
5050.00	0.76	305.68	5049.01	-6.10	-5.79	-12.12	0.20	13.44	244.47
5075.00	0.27	288.62	5074.01	-5.99	-5.68	-12.31	2.02	13.56	245.25
5100.00	0.13	212.08	5099.01	-6.00	-5.68	-12.38	1.08	13.63	245.36
5125.00	0.35	156.01	5124.01	-6.09	-5.77	-12.37	1.17	13.65	244.98
5150.00	0.43	155.08	5149.01	-6.24	-5.93	-12.30	0.35	13.65	244.27
5175.00	0.56	154.91	5174.01	-6.44	-6.12	-12.21	0.53	13.66	243.36
5200.00	0.58	151.40	5199.01	-6.66	-6.35	-12.09	0.16	13.66	242.31
5225.00	0.60	154.82	5224.01	-6.88	-6.58	-11.98	0.15	13.66	241.23
5250.00	0.61	159.23	5249.01	-7.12	-6.82	-11.87	0.19	13.69	240.13
5275.00	0.59	159.35	5274.00	-7.37	-7.06	-11.78	0.09	13.74	239.06
5300.00	0.62	160.73	5299.00	-7.61	-7.31	-11.69	0.16	13.79	237.98
5325.00	0.64	163.00	5324.00	-7.87	-7.57	-11.61	0.12	13.86	236.87
5350.00	0.63	161.70	5349.00	-8.13	-7.84	-11.52	0.07	13.94	235.78
5375.00	0.63	158.01	5374.00	-8.39	-8.09	-11.43	0.16	14.00	234.69
5400.00	0.59	155.49	5399.00	-8.63	-8.34	-11.32	0.19	14.06	233.63
5425.00	0.64	159.67	5424.00	-8.87	-8.59	-11.22	0.26	14.13	232.58
5450.00	0.71	171.79	5448.99	-9.15	-8.87	-11.15	0.63	14.25	231.51
5475.00	0.73	167.41	5473.99	-9.46	-9.18	-11.09	0.25	14.40	230.40
5500.00	0.72	168.67	5498.99	-9.77	-9.49	-11.03	0.08	14.55	229.29
5525.00	0.65	167.63	5523.99	-10.06	-9.78	-10.97	0.31	14.70	228.27
5550.00	0.72	172.38	5548.99	-10.35	-10.07	-10.92	0.37	14.86	227.30
5575.00	0.76	164.87	5573.98	-10.67	-10.39	-10.85	0.41	15.02	226.25
5600.00	0.74	165.48	5598.98	-10.98	-10.70	-10.77	0.07	15.18	225.17
5625.00	0.76	160.68	5623.98	-11.29	-11.02	-10.67	0.27	15.34	224.09
5650.00	0.85	168.06	5648.98	-11.63	-11.36	-10.58	0.55	15.52	222.97

MD	INC	AZIM	TVD	VS	+N/S	+E/W	DLS	CLOSURE DIST	CLOSURE DIR
ft	deg	deg	ft	ft	ft	ft	%/100ft	ft	deg
5675.00	0.83	174.36	5673.98	-11.99	-11.72	-10.52	0.38	15.75	221.92
5700.00	0.82	170.56	5698.97	-12.34	-12.08	-10.48	0.23	15.99	220.95
5725.00	0.79	172.42	5723.97	-12.69	-12.42	-10.43	0.16	16.22	220.01
5750.00	0.85	172.69	5748.97	-13.04	-12.77	-10.38	0.24	16.46	219.09
5775.00	0.76	172.31	5773.97	-13.38	-13.12	-10.33	0.36	16.70	218.22
5800.00	0.74	172.47	5798.96	-13.71	-13.45	-10.29	0.07	16.93	217.43
5825.00	0.79	170.16	5823.96	-14.03	-13.78	-10.24	0.22	17.16	216.63
5850.00	0.75	168.34	5848.96	-14.36	-14.10	-10.18	0.16	17.39	215.81
5875.00	0.81	175.68	5873.96	-14.70	-14.44	-10.13	0.45	17.64	215.05
5900.00	0.76	169.75	5898.95	-15.04	-14.78	-10.09	0.37	17.89	214.32
5925.00	0.79	178.55	5923.95	-15.37	-15.12	-10.05	0.50	18.15	213.63
5950.00	0.82	171.98	5948.95	-15.72	-15.47	-10.02	0.39	18.43	212.95
5975.00	0.76	161.38	5973.95	-16.05	-15.80	-9.95	0.64	18.67	212.19
6000.00	0.41	150.73	5998.95	-16.28	-16.03	-9.85	1.45	18.82	211.56
6025.00	0.47	58.39	6023.94	-16.31	-16.06	-9.72	2.53	18.77	211.19
6050.00	1.02	30.37	6048.94	-16.06	-15.81	-9.52	2.59	18.46	211.05
6075.00	1.28	28.92	6073.94	-15.61	-15.38	-9.27	1.05	17.96	211.09
6100.00	1.33	29.58	6098.93	-15.11	-14.88	-8.99	0.21	17.39	211.15
6125.00	1.41	30.39	6123.92	-14.58	-14.36	-8.70	0.33	16.79	211.19
6150.00	1.43	31.16	6148.92	-14.04	-13.83	-8.38	0.11	16.17	211.21
6175.00	1.40	29.21	6173.91	-13.50	-13.29	-8.07	0.23	15.55	211.25
6200.00	1.53	30.96	6198.90	-12.94	-12.74	-7.75	0.54	14.91	211.30
6225.00	1.66	29.10	6223.89	-12.32	-12.14	-7.40	0.58	14.21	211.36
6250.00	1.69	30.60	6248.88	-11.68	-11.50	-7.03	0.20	13.48	211.44
6275.00	1.74	29.46	6273.87	-11.03	-10.86	-6.66	0.26	12.74	211.53
6300.00	1.66	29.94	6298.86	-10.37	-10.21	-6.29	0.33	11.99	211.64
6325.00	1.85	26.96	6323.85	-9.69	-9.54	-5.93	0.82	11.23	211.86
6350.00	1.82	28.46	6348.83	-8.97	-8.83	-5.56	0.22	10.43	212.18
6375.00	1.71	28.20	6373.82	-8.28	-8.15	-5.19	0.43	9.67	212.49
6400.00	1.74	25.40	6398.81	-7.60	-7.48	-4.85	0.36	8.92	212.97
6425.00	1.77	23.94	6423.80	-6.90	-6.78	-4.53	0.20	8.16	213.75
6450.00	1.80	26.23	6448.79	-6.19	-6.08	-4.20	0.31	7.39	214.66

MD	INC	AZIM	TVD	VS	+N/S	+E/W	DLS	CLOSURE	CLOSURE
ft	deg	deg	ft	ft	ft	ft	%/100ft	DIST	DIR
6475.00	1.79	25.02	6473.77	5.47	5.37	3.86	0.16	6.62	215.72
6500.00	1.83	25.76	6498.76	4.75	4.66	3.53	0.20	5.84	217.10
6525.00	1.73	25.16	6523.75	4.04	3.96	3.19	0.40	5.09	218.87
6550.00	1.66	26.65	6548.74	3.37	3.29	2.87	0.34	4.37	221.05

6575.00	1.37	40.80	6573.73	-2.81	-2.75	-2.51	1.88	3.72	222.45
6600.00	1.23	69.25	6598.72	-2.48	-2.42	-2.07	2.61	3.19	220.44
6625.00	1.21	88.52	6623.72	-2.36	-2.32	-1.55	1.63	2.79	213.76
6650.00	1.13	103.48	6648.71	-2.40	-2.37	-1.05	1.26	2.60	203.85
6675.00	1.36	106.68	6673.71	-2.53	-2.52	-0.52	0.97	2.57	191.78

6700.00	1.21	113.41	6698.70	-2.71	-2.71	0.00	0.85	2.71	179.95
6725.00	1.31	111.09	6723.69	-2.90	-2.92	0.51	0.46	2.96	170.03
6750.00	1.24	115.91	6748.69	-3.11	-3.14	1.02	0.53	3.30	161.95
6775.00	1.25	112.84	6773.68	-3.32	-3.36	1.52	0.27	3.69	155.71
6800.00	1.36	116.17	6798.68	-3.54	-3.60	2.03	0.52	4.13	150.52

6825.00	1.40	118.74	6823.67	-3.81	-3.87	2.57	0.31	4.65	146.47
6850.00	1.57	126.30	6848.66	-4.14	-4.22	3.11	1.04	5.25	143.62
6875.00	1.54	131.22	6873.65	-4.55	-4.65	3.64	0.55	5.90	141.93
6900.00	1.64	131.40	6898.64	-5.00	-5.11	4.16	0.40	6.59	140.82
6925.00	1.71	133.87	6923.63	-5.48	-5.60	4.70	0.41	7.31	140.01

6950.00	1.78	140.91	6948.62	-6.02	-6.16	5.21	0.90	8.07	139.77
6975.00	1.58	139.79	6973.61	-6.58	-6.73	5.68	0.80	8.80	139.82
7000.00	1.28	149.91	6998.60	-7.07	-7.23	6.04	1.56	9.42	140.12
7025.00	1.10	158.74	7023.60	-7.53	-7.70	6.27	1.05	9.93	140.83
7050.00	1.07	160.85	7048.59	-7.97	-8.14	6.43	0.20	10.38	141.68

7075.00	1.05	161.12	7073.59	-8.40	-8.58	6.58	0.06	10.81	142.49
7100.00	1.10	161.90	7098.58	-8.85	-9.02	6.73	0.18	11.26	143.27
7125.00	1.11	162.17	7123.58	-9.30	-9.48	6.88	0.06	11.71	144.02
7150.00	1.07	166.80	7148.57	-9.75	-9.94	7.01	0.39	12.16	144.80
7175.00	1.13	161.34	7173.57	-10.21	-10.40	7.14	0.49	12.61	145.52

7200.00	1.15	162.03	7198.56	-10.68	-10.87	7.30	0.10	13.09	146.12
7225.00	1.20	160.55	7223.56	-11.16	-11.35	7.46	0.21	13.59	146.69
7250.00	1.20	163.28	7248.55	-11.65	-11.85	7.62	0.23	14.09	147.25

MD	INC	AZIM	TVD	VS	+N/S	+E/W	DLS	CLOSURE DIST	CLOSURE DIR
ft	deg	deg	ft	ft	ft	ft	°/100ft	ft	deg
7275.00	1.15	169.51	7273.55	12.14	12.35	7.74	0.55	14.58	147.90
7300.00	1.16	171.70	7298.54	12.64	12.84	7.83	0.18	15.04	148.64
7325.00	1.22	172.85	7323.54	-13.15	-13.36	7.90	0.26	15.52	149.41
7350.00	1.28	172.27	7348.53	-13.69	-13.90	7.97	0.23	16.02	150.18
7375.00	1.31	178.15	7373.52	-14.25	-14.46	8.01	0.55	16.53	151.01
7400.00	1.53	185.87	7398.52	-14.87	-15.08	7.99	1.16	17.07	152.09
7425.00	1.57	189.37	7423.51	-15.54	-15.75	7.90	0.42	17.62	153.37
7450.00	1.73	195.10	7448.50	-16.25	-16.46	7.74	0.91	18.19	154.80
7475.00	1.92	200.85	7473.49	-17.01	-17.21	7.50	1.05	18.77	156.46
7500.00	1.97	205.17	7498.47	-17.80	-17.99	7.17	0.61	19.37	158.28
7525.00	1.85	209.95	7523.46	-18.55	-18.73	6.78	0.79	19.92	160.10
7550.00	1.79	229.25	7548.44	-19.17	-19.33	6.28	2.45	20.33	161.99
7575.00	1.68	240.71	7573.43	-19.62	-19.77	5.67	1.45	20.57	164.00
7600.00	1.68	248.41	7598.42	-19.95	-20.08	5.01	0.90	20.70	166.00
7625.00	1.90	249.26	7623.41	-20.25	-20.37	4.28	0.86	20.81	168.14
7650.00	1.85	255.70	7648.40	-20.51	-20.61	3.50	0.86	20.91	170.36
7675.00	1.89	256.78	7673.38	-20.73	-20.81	2.71	0.22	20.98	172.59
7700.00	1.89	256.18	7698.37	-20.94	-21.00	1.90	0.08	21.08	174.82
7725.00	1.87	261.30	7723.36	-21.12	-21.16	1.10	0.68	21.19	177.03
7750.00	1.79	270.12	7748.34	-21.20	-21.22	0.31	1.17	21.22	179.17
7775.00	1.69	279.42	7773.33	-21.16	-21.16	-0.45	1.19	21.16	181.21
7800.00	1.81	280.44	7798.32	-21.05	-21.03	-1.20	0.49	21.06	183.27
7825.00	1.73	279.53	7823.31	-20.94	-20.89	-1.96	0.37	20.98	185.36
7850.00	1.80	277.23	7848.30	-20.84	-20.78	-2.72	0.42	20.96	187.47
7875.00	1.78	275.29	7873.28	-20.78	-20.70	-3.50	0.26	20.99	189.60
7900.00	1.76	274.16	7898.27	-20.73	-20.63	-4.27	0.16	21.07	191.70
7925.00	1.82	272.55	7923.26	-20.71	-20.59	-5.05	0.30	21.20	193.79
7950.00	1.79	268.72	7948.25	-20.72	-20.58	-5.84	0.50	21.39	195.84
7975.00	1.68	266.89	7973.24	-20.77	-20.61	-6.59	0.50	21.63	197.74
8000.00	1.56	267.32	7998.23	-20.82	-20.64	-7.30	0.45	21.89	199.48
8025.00	1.38	273.30	8023.22	-20.84	-20.64	-7.94	0.97	22.11	201.04
8050.00	1.10	284.19	8048.21	-20.78	-20.56	-8.47	1.46	22.24	202.39

MD	INC	AZIM	TVD	VS	+N/S	+E/W	DLS	CLOSURE DIST	CLOSURE DIR
ft	deg	deg	ft	ft	ft	ft	%/100ft	ft	deg
8075.00	1.01	286.51	8073.21	-20.67	-20.44	-8.91	0.37	22.30	203.56
8100.00	1.04	294.16	8098.20	-20.52	-20.29	-9.33	0.56	22.33	204.71
8125.00	1.00	293.82	8123.20	-20.35	-20.11	-9.74	0.18	22.34	205.85
8150.00	1.01	302.29	8148.20	-20.15	-19.90	-10.13	0.60	22.33	206.97
8175.00	1.13	291.20	8173.19	-19.96	-19.69	-10.54	0.96	22.34	208.17
8200.00	1.16	292.27	8198.19	-19.79	-19.51	-11.01	0.12	22.40	209.44
8225.00	0.98	286.87	8223.18	-19.64	-19.35	-11.45	0.80	22.48	210.61
8250.00	1.05	288.07	8248.18	-19.52	-19.22	-11.87	0.30	22.59	211.70
8275.00	1.06	287.24	8273.17	-19.39	-19.08	-12.31	0.06	22.70	212.83
8300.00	0.98	283.05	8298.17	-19.28	-18.96	-12.74	0.44	22.84	213.89
8325.00	0.98	276.21	8323.17	-19.22	-18.89	-13.16	0.47	23.02	214.86
8350.00	1.00	269.59	8348.16	-19.21	-18.87	-13.59	0.47	23.25	215.76
8375.00	1.00	259.22	8373.16	-19.27	-18.91	-14.02	0.72	23.54	216.55
8400.00	1.15	248.15	8398.15	-19.41	-19.04	-14.47	1.04	23.92	217.22
8425.00	1.18	241.18	8423.15	-19.64	-19.26	-14.93	0.58	24.37	217.77
8450.00	1.31	237.85	8448.14	-19.93	-19.54	-15.40	0.59	24.88	218.24
8475.00	1.38	238.80	8473.14	-20.25	-19.85	-15.89	0.27	25.43	218.69
8500.00	1.53	233.57	8498.13	-20.62	-20.20	-16.42	0.80	26.03	219.11
8525.00	1.55	228.68	8523.12	-21.05	-20.62	-16.94	0.54	26.69	219.40
8550.00	1.59	230.22	8548.11	-21.51	-21.07	-17.46	0.24	27.36	219.66
8575.00	1.13	223.01	8573.10	-21.93	-21.47	-17.90	1.97	27.95	219.82
8600.00	1.44	222.93	8598.10	-22.34	-21.88	-18.28	1.21	28.51	219.88
8625.00	1.46	222.00	8623.09	-22.82	-22.35	-18.71	0.12	29.14	219.93
8650.00	1.44	217.63	8648.08	-23.32	-22.83	-19.11	0.44	29.77	219.93
8675.00	1.76	218.50	8673.07	-23.88	-23.38	-19.54	1.27	30.47	219.89
8694.00	1.62	217.58	8692.06	-24.33	-23.82	-19.89	0.77	31.03	219.86