

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NOV 21 2008

FORM APPROVED
OMB NO 1004-0137
Expires March 31, 2007

OCD-ARTESIA

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EOG Resources Inc.

3a. Address

P.O. Box 2267 Midland, Texas 79702

3b. Phone No. (include area code)

432-686-3689

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

580' FSL & 1800' FWL, U/L N
Sec 5, 18S, 30E

Lease Serial No.

LC 046256C

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Holly 5 Federal 2H

9. API Well No.

30-015-36411

10. Field and Pool, or Exploratory Area

Sand Tank; Bone Spring

11. County or Parish, State

Eddy

NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☒ Other |
| ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | completion |
| ☐ Convert to Injection | ☐ Plug Back | ☐ Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

09/16/08 TD at 10835' MD.

09/17/08 Ran 5-1/2", 17 #, N-80 LTC casing set at 10820'.

Cemented w/ 750 sx 50/50 POZ C, 11.8 ppg, 2.29 yield; 750 sx POZ H, 14.2 ppg, 1.30 yield.
Circulated 122 sx to surface.

09/18/08 Released rig.

10/02/08 MIRU for completion.

Perforated from 10230' to 10770', 0.42", 44 holes.

10/06/08 Frac w/ 95 bbls 15% HCL acid, 95 bbls 25 # Linear gel, 219271 lbs 16/30 sand, 31255 lbs 16/30 Super LC sand, 3227 bbls water.

Perforated from 9150' to 9870', 0.42", 44 holes.

Frac w/ 95 bbls 7.5% HCL acid, 95 bbls 25 # Linear gel, 219271 lbs 16/30 sand, 31255 lbs 16/30 Super LC sand, 3227 bbls water.

Perforated at 9034', 0.42", 10 holes. Stuck perforating guns. Prep to fish guns.

10/08/08 Assemble and RIH w/ fishing tools.

10/09/08 Latch fish and POOH laying down.

10/10/08 Prep for frac.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Stan Wagner

Title

Regulatory Analyst

Signature

Date

10/21/08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Accepted for record - NMOCD

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☐ Casing Repair

☐ Change Plans

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☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other

completion

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10/13/08 Perforate from 8250' to 8790', 0.42", 34 holes.

10/15/08 Frac w/ 96 bbls 7.5% HCL acid, 216 bbls 25 # Linear gel, 171487 lbs 16/30 sand, 28191 lbs 16/30 Super LC sand, 2888 bbls water.

10/16/08 RIH to drill out frac plugs and clean out hole.

10/20/08 RIH w/ 2-7/8" production tubing and set at 7312'.

10/22/08 Turned to sales.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Stan Wagner

Title

Regulatory Analyst

Signature

Date **10/22/08**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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Accepted for record - NMOCB

Scientific Drilling

EOG

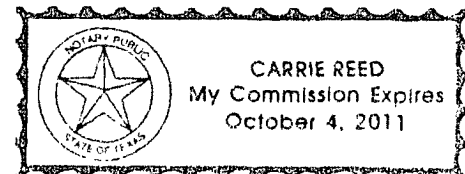
Field: Sand Tank
Site: Eddy County, NM
Well: Holly 5 Federal #2H
Wellpath: VH - Job #32K0908691
Survey: 09/06/08

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

.....Carrie Reed.....Company Representative

Notorized this date 10/12 of October, 2008.

Carrie Reed
Notary Signature
County of Midland
State of Texas



Scientific Drilling International
Survey Report

Company: EOG
Field: Sand Tank
Site: Eddy County, NM
Well: Holly 5 Federal #2H
Wellpath: VH - Job #32K0908691

Date: 10/05/2008 Time: 10:26:30 Page: 1
Co-ordinate(NE) Reference: Site Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0 0
Section (VS) Reference: Well (0.00N,0.00E,284 19Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 09/06/08
KSRG 0'-7130'

Start Date: 09/06/2008

Company: Scientific Drilling Internatio
Tool: Keeper;Keeper Surface Readout Gyro

Engineer: Guebara/Williams w/GeoGyro
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	359.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.48	189.95	100.00	-0.03	-0.41	-0.07	0.48	0.42	189.95
200.00	2.33	203.49	199.96	0.27	-2.69	-0.96	1.87	2.85	199.55
300.00	2.60	207.35	299.87	1.11	-6.57	-2.81	0.32	7.14	203.14
400.00	3.03	209.05	399.75	2.31	-10.89	-5.13	0.44	12.04	205.23
500.00	2.49	207.56	499.63	3.49	-15.13	-7.42	0.54	16.85	206.13
600.00	2.06	210.46	599.56	4.49	-18.60	-9.34	0.45	20.82	206.65
700.00	1.64	214.11	699.50	5.48	-21.34	-11.05	0.44	24.03	207.38
800.00	0.65	195.06	799.48	5.98	-23.07	-12.00	1.05	26.01	207.48
900.00	0.48	223.99	899.48	6.20	-23.92	-12.44	0.33	26.96	207.48
1000.00	0.17	267.56	999.48	6.55	-24.23	-12.88	0.38	27.44	207.99
1100.00	0.47	76.54	1099.48	6.33	-24.14	-12.63	0.64	27.24	207.61
1200.00	0.77	73.23	1199.47	5.39	-23.85	-11.59	0.30	26.51	205.91
1300.00	0.65	56.27	1299.46	4.43	-23.34	-10.47	0.24	25.58	204.16
1400.00	0.36	67.57	1399.46	3.80	-22.91	-9.71	0.31	24.88	202.97
1500.00	0.33	70.04	1499.46	3.31	-22.69	-9.15	0.03	24.46	201.96
1600.00	0.47	24.19	1599.45	3.00	-22.22	-8.71	0.34	23.86	201.40
1700.00	0.19	32.04	1699.45	2.88	-21.70	-8.45	0.28	23.29	201.28
1800.00	0.46	347.72	1799.45	3.00	-21.17	-8.45	0.35	22.79	201.76
1900.00	0.16	22.00	1899.45	3.16	-20.65	-8.48	0.34	22.32	202.34
2000.00	0.30	325.47	1999.45	3.34	-20.30	-8.58	0.25	22.04	202.91
2100.00	0.09	236.84	2099.45	3.59	-20.13	-8.79	0.31	21.97	203.60
2200.00	0.23	347.22	2199.45	3.74	-19.98	-8.90	0.27	21.87	204.02
2300.00	0.25	265.22	2299.45	4.03	-19.80	-9.16	0.32	21.82	204.84
2400.00	0.36	315.67	2399.45	4.51	-19.59	-9.60	0.28	21.82	206.11
2500.00	0.15	234.50	2499.44	4.86	-19.44	-9.93	0.37	21.83	207.05
2600.00	0.38	297.40	2599.44	5.27	-19.37	-10.33	0.34	21.95	208.07
2700.00	0.19	240.12	2699.44	5.71	-19.30	-10.77	0.32	22.10	209.16
2800.00	0.26	293.15	2799.44	6.05	-19.29	-11.12	0.21	22.27	209.96
2900.00	0.19	202.65	2899.44	6.30	-19.35	-11.39	0.32	22.46	210.48
3000.00	0.14	262.51	2999.44	6.44	-19.52	-11.58	0.17	22.70	210.67
3100.00	0.29	214.16	3099.44	6.64	-19.75	-11.84	0.22	23.03	210.95
3200.00	0.28	260.66	3199.44	6.95	-20.00	-12.22	0.23	23.44	211.44
3300.00	0.25	202.91	3299.44	7.21	-20.24	-12.55	0.26	23.81	211.80
3400.00	0.27	253.06	3399.44	7.44	-20.51	-12.86	0.22	24.21	212.09
3500.00	0.34	202.88	3499.44	7.69	-20.85	-13.20	0.27	24.68	212.34
3600.00	0.25	261.71	3599.44	7.93	-21.15	-13.53	0.30	25.11	212.61
3700.00	0.49	219.49	3699.43	8.32	-21.52	-14.02	0.35	25.68	213.09
3800.00	0.69	221.67	3799.43	8.78	-22.30	-14.69	0.20	26.70	213.38
3900.00	0.96	230.56	3899.42	9.55	-23.28	-15.74	0.30	28.10	214.07
4000.00	0.99	221.40	3999.40	10.45	-24.46	-16.96	0.16	29.76	214.74
4100.00	0.88	242.29	4099.39	11.41	-25.46	-18.21	0.36	31.30	215.57
4200.00	0.86	235.05	4199.38	12.48	-26.25	-19.50	0.11	32.70	216.61
4300.00	0.83	258.86	4299.37	13.62	-26.82	-20.83	0.35	33.96	217.83
4400.00	1.07	255.98	4399.35	15.10	-27.19	-22.45	0.24	35.25	219.55
4500.00	1.32	276.30	4499.33	17.06	-27.29	-24.50	0.49	36.67	221.92
4600.00	1.70	288.28	4599.30	19.68	-26.69	-27.05	0.49	38.00	225.38
4700.00	1.57	286.86	4699.26	22.53	-25.83	-29.77	0.14	39.41	229.05
4800.00	1.81	294.38	4799.21	25.45	-24.78	-32.52	0.33	40.89	232.69

Scientific Drilling International
Survey Report

Company: EOG
Field: Sand Tank
Site: Eddy County, NM
Well: Holly 5 Federal #2H
Wellpath: VH - Job #32K0908691

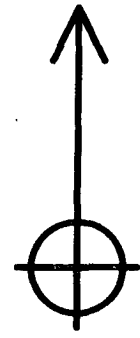
Date: 10/05/2008 Time: 10:26:30 Page: 2
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,284.19Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

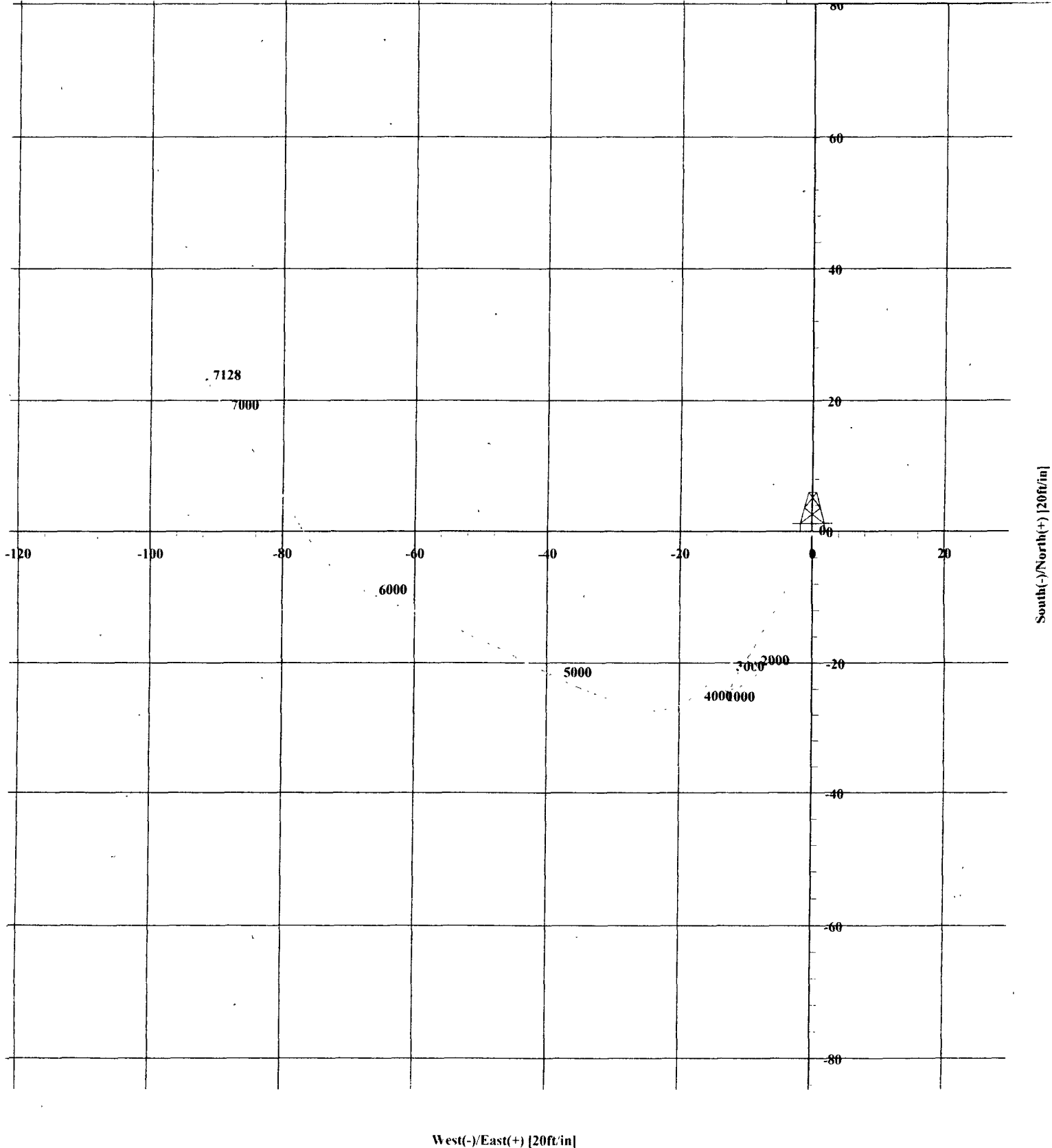
MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	CISD ft	CISa deg
4900.00	1.54	290.71	4899.17	28.34	-23.65	-35.21	0.29	42.42	236.11
5000.00	1.87	296.95	4999.13	31.27	-22.44	-37.93	0.38	44.07	239.39
5100.00	1.68	293.96	5099.08	34.31	-21.11	-40.72	0.21	45.86	242.60
5200.00	1.76	297.60	5199.03	37.24	-19.80	-43.42	0.14	47.72	245.49
5300.00	1.88	299.61	5298.98	40.32	-18.28	-46.21	0.14	49.69	248.42
5400.00	1.78	290.31	5398.93	43.44	-16.93	-49.09	0.31	51.93	250.97
5500.00	1.78	299.72	5498.88	46.48	-15.62	-51.89	0.29	54.19	253.25
5600.00	1.91	294.37	5598.83	49.62	-14.16	-54.76	0.22	56.56	255.50
5700.00	1.49	291.21	5698.79	52.55	-13.00	-57.49	0.43	58.94	257.26
5800.00	1.86	287.14	5798.75	55.46	-12.05	-60.25	0.39	61.45	258.69
5900.00	1.62	290.41	5898.70	58.49	-11.08	-63.13	0.26	64.10	260.04
6000.00	1.71	295.16	5998.66	61.36	-9.96	-65.81	0.16	66.55	261.40
6100.00	1.72	296.35	6098.61	64.29	-8.65	-68.50	0.04	69.05	262.80
6200.00	1.72	308.48	6198.57	67.13	-7.05	-71.02	0.36	71.37	264.33
6300.00	1.89	321.01	6298.52	69.81	-4.84	-73.23	0.43	73.39	266.22
6400.00	2.12	323.09	6398.46	72.57	-2.08	-75.38	0.24	75.41	268.42
6500.00	2.28	328.76	6498.38	75.43	1.10	-77.52	0.27	77.53	270.81
6600.00	2.25	331.58	6598.31	78.18	4.53	-79.49	0.12	79.62	273.26
6700.00	2.57	323.85	6698.22	81.23	8.07	-81.75	0.46	82.14	275.63
6800.00	2.41	327.94	6798.12	84.47	11.66	-84.18	0.24	84.99	277.88
6900.00	2.48	323.98	6898.03	87.66	15.19	-86.57	0.18	87.90	279.95
7000.00	2.23	328.35	6997.95	90.71	18.60	-88.87	0.31	90.79	281.82
7100.00	2.44	329.20	7097.86	93.61	22.08	-90.98	0.21	93.62	283.64
7130.00	2.42	327.90	7127.84	94.52	23.16	-91.64	0.20	94.52	284.19

Field: Sand Tank
Site: Eddy County, NM
Well: Holly 5 Federal #2H
Wellpath: VH - Job #32K0908691
Survey: 09/06/08

Scientific Drilling



Longitude: 106° 04' 30" W
Latitude: 36° 00' 00" N
Magnetic Declination: 0°
Datum: NAD 83
Units: Feet, Meters



Actual Path

TMD	DEG	AZI	TVD	N/S	E/W	VS	DLS
7130	2.42	327.9	7127.84	23.16	-91.64	-92.66	0
7195	2.64	333.63	7192.77	25.66	-93.03	-94.18	0.52
7226	2.55	336.84	7223.73	26.94	-93.62	-94.83	0.55
7257	2.55	337.83	7254.7	28.21	-94.15	-95.42	0.14
7288	2.46	357.75	7285.68	29.51	-94.44	-95.77	2.81
7319	3.61	40.4	7316.64	30.92	-93.83	-95.24	7.91
7350	6.42	66.54	7347.52	32.36	-91.61	-93.09	11.46
7381	9.67	70.21	7378.21	33.93	-87.57	-89.13	10.61
7412	12.84	72.07	7408.61	35.87	-81.84	-83.5	10.29
7442	16.09	68.72	7437.65	38.41	-74.79	-76.59	11.18
7473	19.26	67.21	7467.19	41.95	-66.08	-68.05	10.33
7504	22.16	66.69	7496.18	46.24	-55.99	-58.19	9.37
7535	25.5	67.65	7524.53	51.09	-44.45	-46.9	10.85
7566	29.02	68.8	7552.09	56.35	-31.26	-33.98	11.48
7597	32.54	69.18	7578.72	62.04	-16.45	-19.47	11.37
7628	36.32	70.06	7604.28	68.13	-0.02	-3.36	12.3
7659	39.22	71.49	7628.78	74.38	17.91	14.24	9.77
7690	41.94	72.74	7652.33	80.56	37.1	33.1	9.16
7721	44.23	74.76	7674.97	86.48	57.42	53.12	8.62
7752	45.99	77.67	7696.85	91.7	78.75	74.16	8.74
7783	49.24	79.04	7717.74	96.32	101.17	96.33	10.98
7814	52.58	81.64	7737.29	100.34	124.89	119.82	12.59
7845	55.93	85.16	7755.4	103.22	149.87	144.63	14.2
7876	58.74	88.83	7772.13	104.57	175.93	170.59	13.47
7907	61.38	91.21	7787.6	104.55	202.78	197.41	10.81
7938	64.1	94.35	7801.8	103.21	230.3	224.96	12.57
7968	66.65	94.82	7814.3	101.03	257.48	252.22	8.62
7999	69.64	94.64	7825.84	98.65	286.15	280.97	9.66
8030	72.19	95.2	7835.98	96.14	315.34	310.25	8.4
8061	75.8	95.29	7844.52	93.42	345.01	340.01	11.65
8092	79.67	95.29	7851.11	90.63	375.17	370.27	12.48
8123	83.8	95	7855.56	87.88	405.71	400.92	13.35
8154	86.97	94.99	7858.06	85.19	436.49	431.79	10.23
8185	86.97	95.07	7859.7	82.47	467.33	462.72	0.26
8242	88.55	95.44	7861.92	77.25	524.04	519.63	2.85
8307	88.2	95.92	7863.77	70.82	588.7	584.52	0.91
8369	87.85	96.29	7865.9	64.23	650.31	646.38	0.82
8430	87.23	96.12	7868.52	57.65	710.9	707.22	1.05
8494	86.97	96.36	7871.76	50.7	774.44	771.02	0.55
8558	86.7	97.02	7875.29	43.26	837.9	834.77	1.11
8622	87.14	97.1	7878.73	35.4	901.33	898.51	0.7
8686	86.88	97.27	7882.07	27.41	964.74	962.23	0.49
8750	87.14	97.11	7885.41	19.41	1028.15	1025.96	0.48
8814	87.85	96.52	7888.21	11.82	1091.63	1089.74	1.44
8878	89.34	96.15	7889.78	4.76	1155.22	1153.6	2.4
8942	89.34	96.01	7890.51	-2.02	1218.86	1217.49	0.22
9006	89.34	95.88	7891.25	-8.65	1282.51	1281.39	0.2
9071	89.43	95.58	7891.95	-15.14	1347.18	1346.3	0.48
9135	89.08	94.99	7892.78	-21.03	1410.9	1410.24	1.07
9199	88.37	95.26	7894.2	-26.75	1474.63	1474.17	1.19

9263	88.55	95.18	7895.92	-32.57	1538.34	1538.09	0.31
9327	88.81	95.16	7897.4	-38.33	1602.06	1602.02	0.41
9389	88.37	95.38	7898.92	-44.02	1663.78	1663.94	0.79
9454	87.85	95.21	7901.07	-50.02	1728.47	1728.84	0.84
9517	88.29	95.11	7903.19	-55.68	1791.18	1791.76	0.72
9582	88.29	94.86	7905.13	-61.33	1855.9	1856.68	0.38
9645	87.67	94.97	7907.35	-66.72	1918.63	1919.6	1
9709	87.93	94.87	7909.81	-72.21	1982.35	1983.51	0.43
9773	87.93	95.17	7912.12	-77.8	2046.06	2047.42	0.47
9838	87.76	95.23	7914.56	-83.69	2110.75	2112.31	0.28
9902	87.23	95.16	7917.36	-89.48	2174.43	2176.2	0.83
9965	86.97	95.32	7920.55	-95.23	2237.08	2239.06	0.48
10029	87.23	94.96	7923.78	-100.95	2300.74	2302.93	0.69
10093	87.58	94.56	7926.68	-106.26	2364.46	2366.82	0.83
10157	87.41	94.37	7929.48	-111.24	2428.2	2430.74	0.4
10221	87.41	94.17	7932.37	-116	2491.96	2494.65	0.31
10285	87.85	93.61	7935.02	-120.33	2555.76	2558.58	1.11
10349	87.49	93.84	7937.62	-124.49	2619.57	2622.52	0.67
10411	86.61	93.82	7940.81	-128.62	2681.35	2684.43	1.42
10476	86.79	93.85	7944.55	-132.96	2746.09	2749.31	0.28
10540	86.79	93.87	7948.14	-137.27	2809.85	2813.2	0.03
10603	87.32	93.56	7951.37	-141.34	2872.63	2876.11	0.97
10667	87.67	93.88	7954.17	-145.49	2936.44	2940.04	0.74
10731	88.02	93.97	7956.58	-149.87	3000.24	3003.98	0.56
10763	87.85	94.18	7957.73	-152.14	3032.14	3035.95	0.84
10835	87.85	94.18	7960.43	-157.39	3103.9	3107.88	0