

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



30-015-34354

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☒ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

RECEIVED

JAN 23 2006

OCU-ARTCOM

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

William F. Carr
 Print or Type Name

William F. Carr
 Signature

Attorney
 Title

1/13/06
 Date

wcarr@hollandhart.com
 e-mail Address

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, 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 Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102

Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name MACKENZIE FEE 13			⁶ Well Number 4H
⁷ OGRID No.		⁸ Operator Name EOG RESOURCES, INC.			⁹ Elevation 3577'

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
P	13	16 SOUTH	24 EAST, N.M.P.M.		660'	SOUTH	760'	EAST	EDDY

¹¹ **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
A	13	16 SOUTH	24 EAST, N.M.P.M.		660'	NORTH	760'	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ RECEIVED JAN 23 2006 OIL-ARTESIA BHL X = 437086 Y = 701559 LAT.: N 32.9284970 LONG.: W 104.5354438 NAD 27 NME ZONE X = 437977 Y = 697547 LAT.: N 32.9174713 LONG.: W 104.5354493 EXHIBIT B 660' 760' AZ = 0.08° PRODUCING AREA PROJECT AREA	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature _____ Printed Name _____ Title _____ Date _____ ¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field data by me or under my supervision and that the same is true and correct to the best of my belief. NEW MEXICO NOVEMBER 8 2005 Date of Survey _____ Signature and Seal of Professional Surveyor _____ Certificate Number V. L. BEZNER R.P.S. #7920 JOB # 108002 / 101 NE / J.W.W.
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January 13, 2006

HAND-DELIVERED

Mark E. Fesmire, P. E.
Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

RECEIVED

JAN 23 2006

UDD-ARTESIA

Re: Application of EOG Resources, Inc. for administrative approval of the simultaneous dedication of the E/2 of Section 13, Township 16 South, Range 24 East, N.M.P.M., Eddy County, New Mexico to its proposed MacKenzie Fee 13 Well No. 4H and the existing MacKenzie 13 Fee Well No. 3H.

Dear Mr. Fesmire:

EOG is the operator of a standard 320-acre gas spacing unit in the Undesignated Northeast Collins Ranch-Wolfcamp Gas Pool (**Pool Code 96623**), comprised of the E/2 of Section 13, Township 16 South, Range 24 East, NMPM, Eddy County, New Mexico. This spacing unit is dedicated to EOG's MacKenzie Fee 13 Well No. 3H that currently produces from the Wolfcamp formation.

EOG seeks administrative approval of the simultaneous dedication of this standard 320-acre gas spacing unit to the following two horizontal gas wells:

- A. the existing MacKenzie 13 Fee Well No. 3H (**API No. 30-015-34356**) horizontally drilled from a surface location 660 feet from the South line and 1980 feet from the East line to an end point or bottom hole location 660 feet from the North line and 1980 feet from the East line of said Section 16; and
- B. the proposed MacKenzie 13 Fee Well No. 4H (**API No. 30-015-34466**) to be horizontally drilled from a surface location 660 feet from the South line and 760 feet from the East line to a proposed end point or bottomhole location 660 feet from the North line and 760 feet from the East line of said Section 16.



The Wolfcamp formation is currently governed by Division Rule 104.C(2), which provides for: (i) 320-acre spacing units comprised of any two contiguous quarter sections of a single governmental section; (ii) wells to be located not closer to a quarter section line than 660 feet nor closer to any internal quarter-quarter section line than 10 feet, and (iii) an optional infill well within an existing unit provided the infill well is located in the quarter section not containing the unit's initial producing gas well.

The MacKenzie 13 Fee Well No. 3H has just been completed and the wellbore directional survey for the well is enclosed with this application as Exhibit A. It shows the path of the wellbore within the Wolfcamp formation to be standard pursuant to Division Rules 104.C (2) (a) and 111.A (7). EOG now intends to horizontally drill and complete its proposed MacKenzie 13 Fee Well No. 4H in such a manner that its path meets the set-back requirements of Division Rules 104.C (2) (b) and 111.A (7) for deep gas wells in southeast New Mexico. The well will be drilled to the targeted subsurface end-point or bottomhole location, 660 feet from the North line and 760 feet from the East line (Unit A) of Section 16. Attached hereto as Exhibit B is a copy of the Well Location and Acreage Dedication Plat (Division Form C-102) that shows the survey location of the proposed well.

The simultaneous dedication of the E/2 of said Section 16 to the MacKenzie 13 Fee Well Nos. 3H and 4H will afford EOG the opportunity to efficiently produce the Wolfcamp formation under this spacing unit. EOG's proposed simultaneous dedication of these wells does not exceed the number of wells allowed by Division Rule for this spacing unit nor will either well be closer to the outer boundary of the horizontal well project area than permitted by Division Rules. Accordingly, there are no other interest owners who are affected by this application.

Your attention to this application is appreciated.

Very truly yours,

William F. Carr
Attorney for EOG Resources, Inc.

Enclosures

cc: Mr. Rick Lanning
EOG Resources, Inc.
Post Office Box 2267
Midland, Texas 79702

**SDI Gyro
MacKenzie 13 Fee #3H
11/6/2005**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)		+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	
0.0	0.00	0.00	0.0	0	0.0	0.0	0.0	0.00	0.00
100.0	0.13	326.87	100.0	100	0.1	-0.1	-0.1	0.13	0.13
200.0	0.23	50.88	200.0	200	0.3	0.0	-0.1	0.25	0.10
300.0	0.36	51.12	300.0	300	0.6	0.4	0.1	0.13	0.13
400.0	0.56	102.80	400.0	400	0.7	1.2	0.7	0.44	0.20
500.0	1.06	111.79	500.0	500	0.3	2.5	2.1	0.51	0.50
600.0	1.24	115.13	600.0	600	-0.5	4.3	4.1	0.19	0.18
700.0	0.96	117.32	699.9	699.9	-1.4	6.1	6.0	0.28	-0.28
800.0	0.91	133.86	799.9	799.9	-2.3	7.4	7.6	0.27	-0.05
900.0	0.97	139.41	899.9	899.9	-3.5	8.5	9.2	0.11	0.06
1,000.0	0.81	133.74	999.9	999.9	-4.6	9.6	10.6	0.18	-0.16
1,100.0	0.60	130.34	1,099.9	1099.9	-5.5	10.5	11.8	0.21	-0.21
1,200.0	0.70	131.62	1,199.9	1199.9	-6.2	11.3	12.9	0.10	0.10
1,300.0	0.66	141.35	1,299.9	1299.9	-7.1	12.1	14.0	0.12	-0.04
1,400.0	0.60	140.04	1,399.9	1399.9	-7.9	12.8	15.0	0.06	-0.06
1,500.0	0.65	140.12	1,499.9	1499.9	-8.7	13.5	16.0	0.05	0.05
1,600.0	0.63	152.57	1,599.9	1599.9	-9.7	14.1	17.0	0.14	-0.02
1,700.0	0.66	141.64	1,699.9	1699.9	-10.6	14.8	17.9	0.13	0.03
1,800.0	0.86	136.94	1,799.9	1799.9	-11.6	15.6	19.1	0.21	0.20
1,900.0	0.93	147.04	1,899.8	1899.8	-12.8	16.6	20.5	0.17	0.07
2,000.0	0.88	141.61	1,999.8	1999.8	-14.1	17.5	21.9	0.10	-0.05
2,100.0	0.71	143.35	2,099.8	2099.8	-15.2	18.3	23.2	0.17	-0.17
2,200.0	0.78	143.14	2,199.8	2199.8	-16.3	19.1	24.3	0.07	0.07
2,300.0	0.38	111.69	2,299.8	2299.8	-16.9	19.8	25.3	0.50	-0.40
2,400.0	0.58	123.62	2,399.8	2399.8	-17.3	20.6	26.1	0.22	0.20
2,500.0	0.52	107.46	2,499.8	2499.8	-17.7	21.4	27.1	0.17	-0.06
2,600.0	0.32	130.63	2,599.8	2599.8	-18.1	22.1	27.8	0.26	-0.20
2,700.0	0.31	105.14	2,699.8	2699.8	-18.3	22.5	28.3	0.14	-0.01
2,800.0	0.41	124.66	2,799.8	2799.8	-18.6	23.1	28.9	0.16	0.10
2,900.0	0.33	120.48	2,899.8	2899.8	-18.9	23.6	29.6	0.08	-0.08
3,000.0	0.23	111.23	2,999.8	2999.8	-19.2	24.1	30.1	0.11	-0.10
3,100.0	0.32	92.44	3,099.8	3099.8	-19.2	24.5	30.5	0.13	0.09
3,200.0	0.35	127.07	3,199.8	3199.8	-19.4	25.1	31.1	0.20	0.03
3,300.0	0.29	142.68	3,299.8	3299.8	-19.8	25.5	31.6	0.11	-0.06
3,400.0	0.65	122.97	3,399.8	3399.8	-20.3	26.1	32.4	0.39	0.36
3,500.0	1.04	123.41	3,499.8	3499.8	-21.1	27.3	33.9	0.39	0.39
3,600.0	1.00	116.94	3,599.8	3599.8	-22.0	28.9	35.6	0.12	-0.04
3,700.0	1.12	102.13	3,699.7	3699.7	-22.6	30.6	37.4	0.30	0.12
3,800.0	1.30	102.50	3,799.7	3799.7	-23.1	32.7	39.5	0.18	0.18
3,900.0	1.49	129.64	3,899.7	3899.7	-24.2	34.8	41.9	0.68	0.19
4,000.0	1.57	119.76	3,999.6	3999.6	-25.7	37.0	44.5	0.28	0.08
4,100.0	1.70	109.85	4,099.6	4099.6	-26.9	39.5	47.3	0.31	0.13
4,200.0	1.96	99.70	4,199.6	4199.6	-27.6	42.6	50.5	0.41	0.26
4,300.0	2.20	101.76	4,299.5	4299.5	-28.3	46.2	54.0	0.25	0.24
4,400.0	1.98	98.66	4,399.4	4399.4	-29.0	49.8	57.5	0.25	-0.22
4,500.0	2.08	102.14	4,499.4	4499.4	-29.6	53.3	60.9	0.16	0.10
4,600.0	1.87	107.87	4,599.3	4599.3	-30.5	56.6	64.2	0.29	-0.21
4,656.7	1.80	107.49	4,656.0	4656	-31.1	58.3	66.0	0.12	-0.12
4,765.8	1.68	110.29	4,765.0	4765	-32.1	61.5	69.3	0.17	-0.10
4,800.0	1.65	112.00	4,799.2	4799.2	-32.4	62.4	70.3	0.17	-0.10
4,900.0	1.42	99.07	4,899.2	4899.2	-33.2	64.9	72.9	0.41	-0.23
5,000.0	1.17	87.64	4,999.1	4999.1	-33.3	67.2	75.0	0.36	-0.25

EXHIBIT A

Job No: JWT-0511-0199

Date: 11/21/2005

Survey Report

Time: 11:50 am

Wellpath ID: 05110199

Date Created: 11/8/2005

Last Revision: 11/21/2005

Calculated using the Minimum Curvature Method

Computed using PDS VER2.2.6

Vertical Section Plane: 0.00 deg.

Survey Reference: WELLHEAD

Vertical Section Reference: WELLHEAD

Closure Reference: WELLHEAD

TVD Reference: WELLHEAD

EOG Resources

Mackenzie 13 Fee #3h

Eddy Co. New Mexico

JW #3

5110199

Measured Depth (ft)	Incl Dir. (deg.)	Drift (deg.)	TVD Length (ft)	Course Section (ft)	Vertical Rectangular (ft)	TOTAL Offsets (ft)	(dg/100ft)	Build Rate (dg/100ft)	Walk Rate (dg/100ft)	DLS
TIE INTO SDI GYRO										
4200.00	1.96	99.70	4199.55	0.00	-27.78	27.78 S	42.95 E	0.00	0.00	0.00
4284.00	2.29	73.45	4283.49	84.00	-27.54	27.54 S	45.97 E	0.39	-31.25	1.21
4316.00	3.61	39.52	4315.45	32.00	-26.58	26.58 S	47.23 E	4.12	-106.03	6.67
4348.00	6.16	21.33	4347.34	32.00	-24.21	24.21 S	48.49 E	7.97	-56.84	9.23
4380.00	9.58	18.25	4379.03	32.00	-20.08	20.08 S	49.95 E	10.69	-9.63	10.76
4411.00	12.75	20.72	4409.44	31.00	-14.43	14.43 S	51.97 E	10.23	7.97	10.34
4443.00	16.27	20.19	4440.41	32.00	-6.92	6.92 S	54.77 E	11.00	-1.66	11.01
4475.00	19.87	20.19	4470.83	32.00	2.40	2.40 N	58.19 E	11.25	0.00	11.25
4507.00	23.92	20.28	4500.52	32.00	13.59	13.59 N	62.32 E	12.66	0.28	12.66
4539.00	27.96	20.54	4529.29	32.00	26.71	26.71 N	67.20 E	12.62	0.81	12.63
4570.00	32.18	19.57	4556.11	31.00	41.30	41.30 N	72.52 E	13.61	-3.13	13.70
4602.00	36.40	17.99	4582.54	32.00	58.37	58.37 N	78.31 E	13.19	-4.94	13.48
4634.00	40.98	15.71	4607.51	32.00	77.51	77.51 N	84.09 E	14.31	-7.12	14.99
4666.00	44.85	12.72	4630.95	32.00	98.63	98.63 N	89.42 E	12.09	-9.34	13.66
4697.00	47.66	8.85	4652.38	31.00	120.62	120.62 N	93.59 E	9.06	-12.48	12.78
4728.00	51.00	5.77	4672.58	31.00	143.93	143.93 N	96.56 E	10.77	-9.94	13.15
4760.00	54.87	3.31	4691.87	32.00	169.38	169.38 N	98.57 E	12.09	-7.69	13.56
4792.00	59.44	2.70	4709.22	32.00	196.22	196.22 N	99.97 E	14.28	-1.91	14.37
4824.00	64.54	2.61	4724.24	32.00	224.43	224.43 N	101.28 E	15.94	-0.28	15.94
4856.00	69.20	2.79	4736.81	32.00	253.82	253.82 N	102.67 E	14.56	0.56	14.57
4886.00	75.53	2.43	4745.90	30.00	282.37	282.37 N	103.97 E	21.10	-1.20	21.13

4918.00	79.40	3.93	4752.84	32.00	313.55	313.55 N	105.70 E	12.09	4.69	12.93
4950.00	83.45	5.69	4757.61	32.00	345.07	345.07 N	108.36 E	12.66	5.50	13.77
4982.00	88.02	7.09	4759.99	32.00	376.78	376.78 N	111.91 E	14.28	4.38	14.93
5014.00	90.66	8.23	4760.36	32.00	408.48	408.48 N	116.18 E	8.25	3.56	8.99
5046.00	92.24	6.74	4759.55	32.00	440.20	440.20 N	120.34 E	4.94	-4.66	6.79
5078.00	93.83	6.21	4757.85	32.00	471.95	471.95 N	123.95 E	4.97	-1.66	5.24
5110.00	94.62	4.98	4755.50	32.00	503.71	503.71 N	127.06 E	2.47	-3.84	4.56
5141.00	93.21	3.14	4753.38	31.00	534.56	534.56 N	129.25 E	-4.55	-5.94	7.47
5173.00	92.24	2.26	4751.86	32.00	566.49	566.49 N	130.75 E	-3.03	-2.75	4.09
5205.00	92.59	2.08	4750.51	32.00	598.43	598.43 N	131.96 E	1.09	-0.56	1.23
5236.00	92.68	2.08	4749.08	31.00	629.38	629.38 N	133.09 E	0.29	0.00	0.29
5268.00	92.51	1.47	4747.64	32.00	661.33	661.33 N	134.08 E	-0.53	-1.91	1.98
5300.00	91.01	0.15	4746.65	32.00	693.31	693.31 N	134.53 E	-4.69	-4.12	6.24
5332.00	88.46	358.48	4746.80	32.00	725.31	725.31 N	134.15 E	-7.97	-5.22	9.53
5363.00	88.64	358.65	4747.59	31.00	756.29	756.29 N	133.37 E	0.58	0.55	0.80
5395.00	89.34	359.27	4748.15	32.00	788.28	788.28 N	132.79 E	2.19	1.94	2.92
5426.00	89.60	359.27	4748.44	31.00	819.27	819.27 N	132.40 E	0.84	0.00	0.84
5458.00	89.52	359.45	4748.68	32.00	851.27	851.27 N	132.04 E	-0.25	0.56	0.62
5490.00	89.34	359.89	4749.00	32.00	883.27	883.27 N	131.85 E	-0.56	1.38	1.49
5521.00	90.31	0.50	4749.10	31.00	914.27	914.27 N	131.96 E	3.13	1.97	3.70
5553.00	91.19	0.68	4748.68	32.00	946.26	946.26 N	132.29 E	2.75	0.56	2.81
5585.00	90.57	0.50	4748.18	32.00	978.26	978.26 N	132.62 E	-1.94	-0.56	2.02
5648.00	91.89	1.20	4746.83	63.00	1041.23	1041.23 N	133.55 E	2.10	1.11	2.37
5710.00	92.24	1.38	4744.60	62.00	1103.18	1103.18 N	134.95 E	0.56	0.29	0.63
5773.00	90.92	1.38	4742.86	63.00	1166.13	1166.13 N	136.46 E	-2.10	0.00	2.10
5837.00	91.36	1.20	4741.59	64.00	1230.10	1230.10 N	137.90 E	0.69	-0.28	0.74
5901.00	91.10	0.85	4740.21	64.00	1294.08	1294.08 N	139.05 E	-0.41	-0.55	0.68
5964.00	89.96	0.41	4739.63	63.00	1357.07	1357.07 N	139.74 E	-1.81	-0.70	1.94
6029.00	90.48	0.85	4739.38	65.00	1422.07	1422.07 N	140.46 E	0.80	0.68	1.05
6092.00	91.19	1.20	4738.46	63.00	1485.05	1485.05 N	141.58 E	1.13	0.56	1.26
6156.00	91.10	1.20	4737.19	64.00	1549.02	1549.02 N	142.92 E	-0.14	0.00	0.14
6220.00	90.57	0.94	4736.25	64.00	1613.00	1613.00 N	144.12 E	-0.83	-0.41	0.92
6283.00	90.31	0.68	4735.77	63.00	1676.00	1676.00 N	145.01 E	-0.41	-0.41	0.58
6347.00	89.78	0.76	4735.72	64.00	1739.99	1739.99 N	145.81 E	-0.83	0.12	0.84
6410.00	89.43	0.94	4736.15	63.00	1802.98	1802.98 N	146.75 E	-0.56	0.29	0.62
6474.00	88.20	0.50	4737.48	64.00	1866.96	1866.96 N	147.55 E	-1.92	-0.69	2.04
6538.00	89.25	1.20	4738.90	64.00	1930.94	1930.94 N	148.50 E	1.64	1.09	1.97
6601.00	91.54	1.20	4738.47	63.00	1993.92	1993.92 N	149.82 E	3.63	0.00	3.63
6663.00	91.36	1.91	4736.90	62.00	2055.88	2055.88 N	151.50 E	-0.29	1.15	1.18
6727.00	92.42	2.70	4734.79	64.00	2119.79	2119.79 N	154.07 E	1.66	1.23	2.07

6790.00	92.59	1.82	4732.03	63.00	2182.68	2182.68 N	156.56 E	0.27	-1.40	1.42
6853.00	91.63	1.91	4729.71	63.00	2245.60	2245.60 N	158.61 E	-1.52	0.14	1.53
6920.00	91.10	1.73	4728.12	67.00	2312.55	2312.55 N	160.73 E	-0.79	-0.27	0.84
6983.00	91.36	2.17	4726.76	63.00	2375.50	2375.50 N	162.88 E	0.41	0.70	0.81
7046.00	91.19	2.35	4725.36	63.00	2438.43	2438.43 N	165.36 E	-0.27	0.29	0.39
7108.00	90.04	2.08	4724.70	62.00	2500.38	2500.38 N	167.76 E	-1.85	-0.44	1.91
7171.00	92.59	2.00	4723.25	63.00	2563.32	2563.32 N	170.00 E	4.05	-0.13	4.05
7234.00	92.77	2.17	4720.31	63.00	2626.21	2626.21 N	172.29 E	0.29	0.27	0.39
7297.00	93.12	2.52	4717.07	63.00	2689.07	2689.07 N	174.86 E	0.56	0.56	0.79
7360.00	92.15	1.03	4714.17	63.00	2751.97	2751.97 N	176.81 E	-1.54	-2.37	2.82
7422.00	91.28	0.15	4712.32	62.00	2813.94	2813.94 N	177.45 E	-1.40	-1.42	2.00
7485.00	90.57	0.85	4711.30	63.00	2876.93	2876.93 N	178.00 E	-1.13	1.11	1.58
7548.00	90.31	0.15	4710.82	63.00	2939.92	2939.92 N	178.55 E	-0.41	-1.11	1.19
7610.00	92.15	0.68	4709.48	62.00	3001.91	3001.91 N	179.00 E	2.97	0.85	3.09
7673.00	89.87	359.89	4708.37	63.00	3064.89	3064.89 N	179.31 E	-3.62	-1.25	3.83
7704.00	89.96	359.89	4708.42	31.00	3095.89	3095.89 N	179.25 E	0.29	0.00	0.29
7735.00	90.48	359.97	4708.30	31.00	3126.89	3126.89 N	179.21 E	1.68	0.26	1.70
7767.00	90.48	359.09	4708.03	32.00	3158.89	3158.89 N	178.95 E	0.00	-2.75	2.75
7798.00	90.22	359.01	4707.84	31.00	3189.88	3189.88 N	178.44 E	-0.84	-0.26	0.88
7829.00	90.66	359.01	4707.61	31.00	3220.88	3220.88 N	177.90 E	1.42	0.00	1.42
7860.00	91.45	358.57	4707.03	31.00	3251.86	3251.86 N	177.25 E	2.55	-1.42	2.92
7892.00	91.71	358.83	4706.15	32.00	3283.84	3283.84 N	176.52 E	0.81	0.81	1.15
7923.00	91.10	357.95	4705.39	31.00	3314.82	3314.82 N	175.65 E	-1.97	-2.84	3.45
7985.00	89.69	357.78	4704.96	62.00	3376.78	3376.78 N	173.34 E	-2.27	-0.27	2.29
8017.00	90.50	358.43	4704.91	32.00	3408.76	3408.76 N	172.28 E	2.53	2.03	3.25
8079.00	89.67	358.07	4704.82	62.00	3470.73	3470.73 N	170.39 E	-1.34	-0.58	1.46
8142.00	89.66	358.30	4705.19	63.00	3533.70	3533.70 N	168.39 E	-0.02	0.37	0.37
8205.00	88.81	358.30	4706.03	63.00	3596.66	3596.66 N	166.52 E	-1.35	0.00	1.35
8267.00	87.67	357.52	4707.93	62.00	3658.59	3658.59 N	164.26 E	-1.84	-1.26	2.23
8329.00	87.05	357.15	4710.79	62.00	3720.46	3720.46 N	161.38 E	-1.00	-0.60	1.16
8392.00	86.20	357.03	4714.50	63.00	3783.27	3783.27 N	158.19 E	-1.35	-0.19	1.36
8423.00	86.03	357.29	4716.60	31.00	3814.16	3814.16 N	156.66 E	-0.55	0.84	1.00
PROJECTION TO TD										
8472.00	86.03	357.29	4719.99	49.00	3862.98	3862.98 N	154.35 E	0.00	0.00	0.00

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