

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM 07260

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

2. Name of Operator
MARATHON OIL COMPANY

Contact: CHARLES KENDRIX
E-Mail: cekendrix@marathonoil.com

7. Unit or CA Agreement Name and No.
NMNM 70964 A

3. Address P.O. BOX 3487
HOUSTON, TX 77253-3487

3a. Phone No. (include area code)
Ph: 713.296.2096

8. Lease Name and Well No.
SMITH FEDERAL 4

9. API Well No.
30-015-32957

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SENE Lot H 1511FNL 839FEL

At top prod interval reported below NESE Lot I 2285FSL 712FEL

At total depth NESE Lot I 2053FSL 701FEL

10. Field and Pool, or Exploratory
INDIAN BASIN U. PENN ASSOC.

11. Sec., T., R., M., or Block and Survey
or Area Sec 11 T22S R23E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
11/23/2003

15. Date T.D. Reached
12/09/2003

16. Date Completed
☐ D & A ☒ Ready to Prod.
12/23/2003

17. Elevations (DF, KB, RT, GL)*
3933 GL

18. Total Depth: MD 8570
TVD 8347

19. Plug Back T.D.: MD 8526
TVD 8304

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
SPRECTRAL GAMMA RAY DUAL SPACED NEUTRON

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 K-55	36.0		1520		1245		0	
8.750	7.000 K-55	23.0		8570		1395		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	8395							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
INDIAN BASIN U. PENN ASSOC.	7573	8020	7576 TO 8016		960	240' SHOT 4 SHOTS PER FT.
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7576 TO 8016	ACIDIZED WITH 100 GALS PER FT IN 2' STAGES TOTAL OF 28,000 GALS 17% HCL

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/23/2003	12/28/2003	24	→	0.0	82.0	554.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	300	120.0	→	0	82	554		PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #29647 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

RECEIVED

APR 21 2004

OPB-ARTESIA

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
UPPER PENN	7573	8020		SAN ANDRES GLORIETA YESO BONE SPRING WOLFCAMP CISCO	758 2444 2789 3978 6831 7573

32. Additional remarks (include plugging procedure):

A copy of the inclination survey, deviation report, and logs will be sent to the BLM's Roswell office.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #29647 Verified by the BLM Well Information System.
For MARATHON OIL COMPANY, sent to the Carlsbad

Name (please print) CHARLES KENDRIX

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 04/16/2004

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

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McVAY DRILLING COMPANY
Post Office Box 924
Hobbs, New Mexico 88241
(505) 397-3311
FAX: 39-DRILL

Well Name and Number: Smith Federal # 4

Location: Sec11, T22S, R23E

Operator: Marathon

Drilling Contractor: McVay Drilling Company

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APR 21 2004

000-ARTESIA

The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth		Degrees @ Depth		Degrees @ Depth	
1/4	864	14 3/4	3566	16 3/4	6609
1/2	1006	15 1/4	3636	15 3/4	6801
1/4	1158	13 1/2	3888	15	6991
1/4	1210	13 3/4	4077	15	7280
5 3/4	1797	15.7	4395	14 1/4	7370
13 1/2	2111	14.9	4586	14	7624
17 1/2	2301	15.1	4776	13 1/2	7813
15	2555	15.5	5093	13 1/2	7876
14 3/4	2807	14.4	5850	13 1/4	7940
15 1/4	2996	15.8	5976	4 1/2	8546
15 1/2	3248	16 3/4	6227		
15	3439	17	6482		

Drilling Contractor: McVay Drilling Company

By: [Signature]

Subscribed and sworn to before me this 10th day of December, 2003

[Signature]
Notary Public

My Commission Expires: 8-16-05

Lea County, New Mexico

* * * N A U T I C A L (V e r s i o n 4 . 0) * * *

Well: Smith Federal 4

Target Azimuth: 175.13
Target TVD: 8400

Closure Direction: 175

Calculation Method - Minimum Curvature

Measured Depth (ft)	Inclination (deg.)	Azimuth (deg.)	True Vertical Depth (ft)	Vertical Section (ft)	North/South (ft)	East/West (ft)	Closure (ft)	Build Rate (deg/ft)	Walk Rate (deg/ft)	Dogleg Severity (d/100')	Tool Face (deg)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	<==== Tie-in Data				
113.00	0.25	96.00	113.00	0.05	-0.03	0.25	0.25	0.002	0.850	0.22	SS
329.00	0.75	200.00	328.99	1.42	-1.40	0.23	1.42	0.002	0.481	0.39	SS
574.00	0.25	197.00	573.98	3.37	-3.42	-0.47	3.45	-0.002	-0.012	0.20	SS
884.00	0.25	199.00	883.98	4.61	-4.71	-0.89	4.79	0.000	0.006	0.00	SS
1006.00	0.50	194.00	1,005.98	5.36	-5.48	-1.11	5.59	0.002	-0.041	0.21	SS
1095.00	0.20	194.00	1,094.98	5.88	-6.00	-1.24	6.13	-0.003	0.000	0.34	SS
1278.00	0.30	194.00	1,277.97	6.63	-6.78	-1.43	6.93	0.001	0.000	0.05	SS
1541.00	0.20	310.70	1,540.97	6.96	-7.15	-1.95	7.41	0.000	0.444	0.16	MWD
1573.00	0.30	306.90	1,572.97	6.86	-7.06	-2.06	7.35	0.003	-0.119	0.32	MWD
1605.00	0.90	136.30	1,604.97	7.00	-7.19	-1.95	7.45	0.019	-5.331	3.74	MWD
1637.00	1.20	114.90	1,636.97	7.36	-7.51	-1.47	7.66	0.009	-0.669	1.53	MWD
1669.00	2.20	117.70	1,668.95	7.86	-7.94	-0.62	7.97	0.031	0.087	3.13	MWD
1733.00	3.80	127.90	1,732.86	9.96	-9.81	2.14	10.04	0.025	0.159	2.63	MWD
1797.00	5.70	139.50	1,796.64	13.98	-13.53	5.87	14.75	0.030	0.181	3.31	MWD
1859.00	6.90	152.20	1,858.27	19.92	-19.17	9.61	21.45	0.019	0.205	2.96	MWD
1922.00	7.60	159.60	1,920.77	27.42	-26.42	12.83	29.37	0.011	0.117	1.85	MWD
1986.00	9.80	166.90	1,984.03	36.89	-35.70	15.54	38.93	0.034	0.114	3.84	MWD
2048.00	11.50	173.60	2,044.96	48.29	-46.98	17.42	50.11	0.027	0.108	3.39	MWD
2111.00	13.40	174.30	2,106.48	61.87	-60.49	18.85	63.35	0.030	0.011	3.03	MWD
2174.00	15.20	171.20	2,167.52	77.41	-75.91	20.84	78.72	0.029	-0.049	3.10	MWD
2238.00	16.60	172.20	2,229.07	94.91	-93.26	23.36	96.14	0.022	0.016	2.23	MWD
2301.00	17.50	174.00	2,289.30	113.37	-111.60	25.57	114.49	0.014	0.029	1.66	MWD
2364.00	18.50	174.30	2,349.22	132.83	-130.97	27.56	133.83	0.016	0.005	1.59	MWD
2428.00	17.50	175.40	2,410.09	152.61	-150.66	29.34	153.49	-0.016	0.017	1.65	MWD
2491.00	16.30	177.80	2,470.36	170.91	-168.94	30.44	171.66	-0.019	0.038	2.20	MWD
2555.00	15.10	178.50	2,531.98	188.21	-186.25	31.00	188.81	-0.019	0.011	1.90	MWD
2617.00	14.90	175.70	2,591.86	204.24	-202.27	31.81	204.75	-0.003	-0.045	1.21	MWD
2681.00	14.30	169.40	2,653.80	220.33	-218.24	33.88	220.86	-0.009	-0.098	2.65	MWD
2744.00	14.50	167.90	2,714.82	235.90	-233.60	36.96	236.51	0.003	-0.024	0.67	MWD
2807.00	14.70	169.40	2,775.79	251.68	-249.17	40.09	252.38	0.003	0.024	0.68	MWD
2870.00	15.00	170.80	2,836.68	267.76	-265.08	42.86	268.52	0.005	0.022	0.74	MWD
2933.00	15.00	172.60	2,897.54	284.03	-281.21	45.21	284.82	0.000	0.029	0.74	MWD
2996.00	15.20	172.20	2,958.36	300.43	-297.48	47.39	301.23	0.003	-0.006	0.36	MWD
3060.00	15.50	173.30	3,020.08	317.35	-314.28	49.52	318.16	0.005	0.017	0.65	MWD
3122.00	15.50	174.30	3,079.82	333.92	-330.75	51.31	334.71	0.000	0.016	0.43	MWD
3185.00	15.50	173.00	3,140.53	350.75	-347.49	53.17	351.53	0.000	-0.021	0.55	MWD
3248.00	15.50	170.80	3,201.24	367.55	-364.15	55.55	368.36	0.000	-0.035	0.93	MWD
3312.00	15.40	174.00	3,262.93	384.58	-381.04	57.80	385.40	-0.002	0.050	1.34	MWD
3375.00	15.00	177.10	3,323.73	401.09	-397.51	59.09	401.87	-0.006	0.049	1.44	MWD
3439.00	15.00	176.10	3,385.55	417.65	-414.04	60.07	418.38	0.000	-0.016	0.40	MWD
3502.00	14.80	175.40	3,446.43	433.84	-430.20	61.27	434.54	-0.003	-0.011	0.43	MWD
3566.00	14.80	174.00	3,508.31	450.19	-446.47	62.78	450.87	0.000	-0.022	0.56	MWD
3636.00	15.30	176.10	3,575.90	468.36	-464.58	64.34	469.01	0.007	0.030	1.06	MWD
3699.00	15.60	176.40	3,636.63	485.14	-481.33	65.44	485.75	0.005	0.005	0.49	MWD
3762.00	15.40	175.10	3,697.34	501.98	-498.11	66.69	502.56	-0.003	-0.021	0.64	MWD
3825.00	14.00	176.80	3,758.27	517.96	-514.06	67.83	518.51	-0.022	0.027	2.33	MWD
3888.00	13.50	175.40	3,819.47	532.93	-529.00	68.84	533.46	-0.008	-0.022	0.95	MWD
3952.00	13.40	176.40	3,881.71	547.82	-543.84	69.91	548.32	-0.002	0.016	0.40	MWD
4014.00	13.70	179.20	3,941.99	562.32	-558.36	70.46	562.78	0.005	0.045	1.16	MWD
4077.00	13.70	180.70	4,003.20	577.19	-573.28	70.47	577.59	0.000	0.024	0.56	MWD
4141.00	13.50	179.60	4,065.40	592.18	-588.32	70.43	592.53	-0.003	-0.017	0.51	MWD
4205.00	13.70	180.30	4,127.61	607.18	-603.37	70.44	607.47	0.003	0.011	0.40	MWD
4268.00	13.90	178.90	4,188.79	622.16	-618.40	70.55	622.41	0.003	-0.022	0.62	MWD

* * * N A U T I C A L (V e r s i o n 4 . 0) * * *

Well: Smith Federal 4

Target Azimuth: 175.13
Target TVD: 8400

Closure Direction: 175

Calculation Method - Minimum Curvature

Measured Depth (ft)	Inclination (deg.)	Azimuth (deg.)	True Vertical Depth (ft)	Vertical Section (ft)	North/ South (ft)	East/ West (ft)	Closure (ft)	Build Rate (deg/ft)	Walk Rate (deg/ft)	Dogleg Severity (d/100')	Tool Face (deg)
4332.00	13.50	180.10	4,250.97	637.27	-633.56	70.69	637.49	-0.006	0.019	0.77	MWD
4395.00	13.70	182.00	4,312.20	652.00	-648.37	70.41	652.18	0.003	0.030	0.78	MWD
4459.00	14.50	180.60	4,374.27	667.50	-663.95	70.06	667.64	0.013	-0.022	1.36	MWD
4523.00	14.90	179.20	4,436.18	683.69	-680.19	70.10	683.79	0.006	-0.022	0.84	MWD
4586.00	14.90	176.80	4,497.06	699.86	-696.38	70.66	699.95	0.000	-0.038	0.98	MWD
4650.00	14.20	178.20	4,559.01	715.92	-712.44	71.37	716.00	-0.011	0.022	1.22	MWD
4713.00	14.00	176.80	4,620.11	731.26	-727.77	72.03	731.33	-0.003	-0.022	0.63	MWD
4776.00	15.10	175.00	4,681.09	747.08	-743.55	73.17	747.15	0.017	-0.029	1.89	MWD
4840.00	15.20	175.10	4,742.86	763.81	-760.22	74.62	763.87	0.002	0.002	0.16	MWD
4903.00	15.00	175.70	4,803.69	780.22	-776.58	75.93	780.28	-0.003	0.010	0.40	MWD
4967.00	15.10	177.10	4,865.49	796.83	-793.16	76.98	796.89	0.002	0.022	0.59	MWD
5030.00	15.30	177.50	4,926.29	813.34	-809.66	77.76	813.39	0.003	0.006	0.36	MWD
5093.00	15.50	176.00	4,987.03	830.06	-826.36	78.71	830.10	0.003	-0.024	0.71	MWD
5156.00	16.50	176.40	5,047.59	847.42	-843.69	79.85	847.46	0.016	0.006	1.60	MWD
5219.00	16.30	176.10	5,108.02	865.21	-861.44	81.02	865.24	-0.003	-0.005	0.34	MWD
5282.00	15.10	176.80	5,168.67	882.25	-878.45	82.08	882.28	-0.019	0.011	1.93	MWD
5345.00	14.20	176.10	5,229.62	898.18	-894.36	83.06	898.20	-0.014	-0.011	1.46	MWD
5407.00	14.00	176.80	5,289.76	913.28	-909.43	84.00	913.30	-0.003	0.011	0.42	MWD
5470.00	13.50	177.50	5,350.95	928.24	-924.39	84.74	928.26	-0.008	0.011	0.84	MWD
5534.00	14.50	175.70	5,413.05	943.72	-939.84	85.67	943.74	0.016	-0.028	1.70	MWD
5597.00	15.60	173.60	5,473.89	960.07	-956.12	87.20	960.09	0.017	-0.033	1.95	MWD
5660.00	15.70	172.50	5,534.55	977.06	-972.99	89.26	977.08	0.002	-0.017	0.50	MWD
5724.00	15.80	173.60	5,596.15	994.42	-990.24	91.36	994.44	0.002	0.017	0.49	MWD
5787.00	15.20	174.30	5,656.86	1,011.25	-1,006.98	93.14	1,011.28	-0.010	0.011	1.00	MWD
5850.00	14.40	174.30	5,717.77	1,027.34	-1,022.99	94.74	1,027.37	-0.013	0.000	1.27	MWD
5913.00	15.10	175.40	5,778.69	1,043.38	-1,038.97	96.17	1,043.41	0.011	0.017	1.20	MWD
5976.00	15.80	176.80	5,839.41	1,060.16	-1,055.71	97.31	1,060.18	0.011	0.022	1.26	MWD
6039.00	15.60	177.80	5,900.06	1,077.19	-1,072.74	98.11	1,077.21	-0.003	0.016	0.53	MWD
6102.00	16.10	178.50	5,960.67	1,094.38	-1,089.93	98.67	1,094.39	0.008	0.011	0.85	MWD
6164.00	16.40	179.20	6,020.19	1,111.69	-1,107.28	99.02	1,111.70	0.005	0.011	0.58	MWD
6227.00	16.80	177.80	6,080.57	1,129.65	-1,125.27	99.49	1,129.66	0.006	-0.022	0.90	MWD
6291.00	16.90	176.80	6,141.82	1,148.19	-1,143.80	100.36	1,148.20	0.002	-0.016	0.48	MWD
6355.00	16.90	176.40	6,203.05	1,166.79	-1,162.37	101.47	1,166.79	0.000	-0.006	0.18	MWD
6418.00	16.90	176.80	6,263.33	1,185.10	-1,180.65	102.55	1,185.10	0.000	0.006	0.18	MWD
6482.00	17.10	176.80	6,324.54	1,203.80	-1,199.34	103.60	1,203.80	0.003	0.000	0.31	MWD
6545.00	16.50	176.40	6,384.85	1,222.01	-1,217.51	104.68	1,222.01	-0.010	-0.006	0.97	MWD
6609.00	16.90	177.50	6,446.15	1,240.39	-1,235.88	105.65	1,240.39	0.006	0.017	0.80	MWD
6673.00	15.40	175.00	6,507.62	1,258.18	-1,253.64	106.80	1,258.18	-0.023	-0.039	2.58	MWD
6737.00	15.70	175.40	6,569.28	1,275.34	-1,270.74	108.23	1,275.34	0.005	0.006	0.50	MWD
6801.00	15.70	175.40	6,630.89	1,292.65	-1,288.00	109.62	1,292.65	0.000	0.000	0.00	MWD
6864.00	15.30	173.90	6,691.60	1,309.49	-1,304.76	111.19	1,309.49	-0.006	-0.024	0.90	MWD
6927.00	15.40	172.20	6,752.35	1,326.15	-1,321.31	113.21	1,326.15	0.002	-0.027	0.73	MWD
6991.00	15.00	173.60	6,814.11	1,342.92	-1,337.96	115.29	1,342.92	-0.006	0.022	0.85	MWD
7054.00	14.90	174.00	6,874.98	1,359.17	-1,354.12	117.04	1,359.17	-0.002	0.006	0.23	MWD
7117.00	14.80	172.90	6,935.88	1,375.31	-1,370.16	118.88	1,375.31	-0.002	-0.017	0.47	MWD
7180.00	15.00	173.60	6,996.76	1,391.50	-1,386.25	120.79	1,391.50	0.003	0.011	0.43	MWD
7,243.00	14.80	174.00	7,057.64	1,407.69	-1,402.35	122.54	1,407.69	-0.003	0.006	0.36	MWD
7,307.00	14.60	175.70	7,119.55	1,423.93	-1,418.52	123.99	1,423.93	-0.003	0.027	0.74	MWD
7,370.00	14.10	177.10	7,180.58	1,439.54	-1,434.11	124.98	1,439.54	-0.008	0.022	0.97	MWD
7,433.00	14.30	178.20	7,241.66	1,454.98	-1,449.55	125.61	1,454.98	0.003	0.017	0.53	MWD
7,496.00	13.90	177.10	7,302.76	1,470.31	-1,464.88	126.24	1,470.31	-0.006	-0.017	0.76	MWD
7,560.00	13.40	176.40	7,364.95	1,485.41	-1,479.96	127.09	1,485.41	-0.008	-0.011	0.82	MWD
7,624.00	14.00	176.10	7,427.13	1,500.56	-1,495.08	128.08	1,500.56	0.009	-0.005	0.94	MWD
7686.00	14.90	177.50	7,487.17	1,516.02	-1,510.53	128.94	1,516.02	0.015	0.023	1.56	MWD

* * * N A U T I C A L (V e r s i o n 4 . 0) * * *

Well: Smith Federal 4

Target Azimuth: 175.13

Closure Direction: 175

Target TVD: 8400

Calculation Method - Minimum Curvature

Measured Depth (ft)	Inclination (deg.)	Azimuth (deg.)	True Vertical Depth (ft)	Vertical Section (ft)	North/ South (ft)	East/ West (ft)	Closure (ft)	Build Rate (deg/ft)	Walk Rate (deg/ft)	Dogleg Severity (d/100')	Tool Face (deg)
7750.00	14.60	175.70	7,549.06	1,532.31	-1,526.79	129.91	1,532.31	-0.005	-0.028	0.86	MWD
7813.00	13.50	175.40	7,610.17	1,547.61	-1,542.04	131.09	1,547.61	-0.017	-0.005	1.75	MWD
7876.00	13.30	176.40	7,671.46	1,562.20	-1,556.61	132.14	1,562.20	-0.003	0.016	0.49	MWD
7940.00	13.30	177.80	7,733.74	1,576.92	-1,571.31	132.88	1,576.92	0.000	0.022	0.50	MWD
8570.00	13.30	177.80	8,346.84	1,721.69	-1,716.13	138.44	1,721.71	0.000	0.000	0.00	proj