District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1 000 Rio Brazos Rd., Aztec, NM 8741 0
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

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address	2 OGRID Number
Mack Energy Coporation P.O. Box 960 Artesia, NM 88210	013837
	3 Reason for Filing Code/ Effective Date NW

4 API Number	5 Pool Name	6 Pool Code
30-005-64324	Round Tank; San Andres	52770
7 Property Code	**8 Property Name**	**9 Well Number**
322879	Maple Ridge Federal	1H

II. 10 Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
B	23	15S	29E		565	North	2285	East	Chaves, NM

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
B	14	15S	29E		11	North	2283	East	Chaves, NM

12 Lse Code	13 Producing Method Code	14 Gas Connection Date	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date
F	P	8/12/2019			

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 O/G/W
278421	Holly Marketing & Refining Co LLC P.O. Box 1600 Artesia, NM 88211-1600	O
036788	DCP Midstream 4001 Penbrook Odessa, TX 79762	G

RECEIVED
AUG 27 2019
DISTRICT II-ARTESIA O.C.D.

IV. Well Completion Data

21 Spud Date	22 Ready Date	23 TD	24 PBTD	25 Perforations	26 DHC, MC
3/18/2019	7/12/2019	8940'	8912'	3794-8824'	

27 Hole Size	28 Casing & Tubing Size	29 Depth Set	30 Sacks Cement
17 1/2"	13 3/8" J-55	352'	350sx C
12 1/4"	9 5/8" J-55	1206'	405sx C
8 3/4"	7" & 5 1/2" HCP-110	8940'	1715sx C
	3 1/2" J-55 (tubing)	2723'	

V. Well Test Data

31 Date New Oil	32 Gas Delivery Date	33 Test Date	34 Test Length	35 Tbg. Pressure	36 Csg. Pressure
8/15/19	8/12/19	8/16/19	24 hours		
37 Choke Size	**38 Oil**	**39 Water**	**40 Gas**		**41 Test Method**
	33	2263	20		Pumping

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: Deana Weaver

Printed name: Deana Weaver

Title: Production Clerk

E-mail Address: dweaver@mec.com

Date: 8/19/19

Phone: (575) 748-1288

OIL CONSERVATION DIVISION

Approved by: Raymond W. Bodary

Title: Geologist

Approval Date: 9-6-19

Pending BLM approvals will subsequently be reviewed and scanned.

RECEIVED
AUG 27 2019
DISTRICT II-ARTESIA O.C.D.

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 Road, 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, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-005-64324	52770	Round Tank; San Andres

[4] Property Code	[5] Property Name	[6] Well Number
322879	MAPLE RIDGE FEDERAL	1H

[7] OGRID No.	[8] Operator Name	[9] Elevation
13837	MACK ENERGY CORPORATION	3919.4

[10] Surface Location

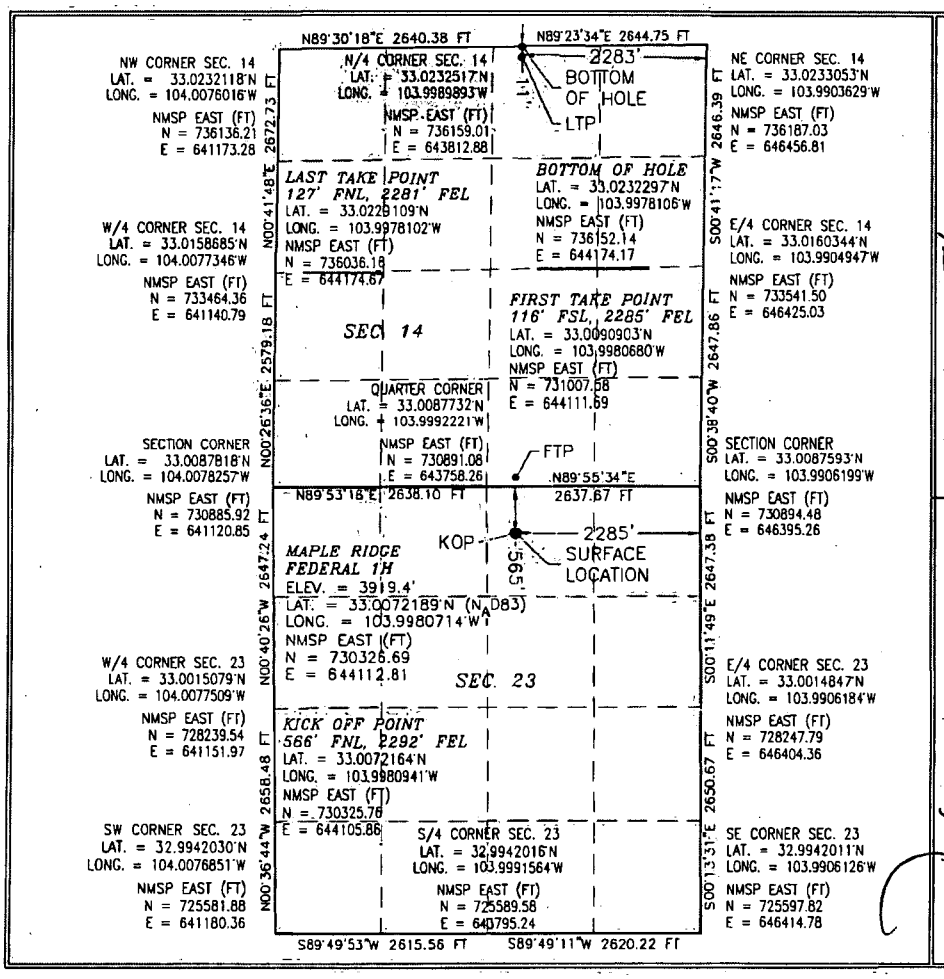
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	23	15 S	29 E		565	NORTH	2285	EAST	CHAVES

[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
B	14	15 S	29 E		11	NORTH	2283	EAST	CHAVES

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160			

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.



[17] OPERATOR CERTIFICATION

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

Deana Weaver 8-26-19
Signature Date

Deana Weaver
Printed Name

dweaver@mec.com
E-mail Address

[18] 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.

JULY 3, 2019
Date of Survey

FILIMON F. JARAMILLO
NEW MEXICO
PROFESSIONAL SURVEYOR

Signature and Seal of Professional Surveyor

Certificate Number FILIMON F. JARAMILLO, PLS 12797

SURVEY NO. 6324A

RWP 9-6-19

RECEIVED

AUG 27 2019

DISTRICT II-ARTESIA O.C.D.

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM122614

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

7. Unit or CA Agreement Name and No.

2. Name of Operator: MACK ENERGY CORPORATION — Contact: DEANA WEAVER — E-Mail: DWEAVER@MEC.COM

8. Lease Name and Well No.: MAPLE RIDGE FEDERAL 1H

3. Address: P.O. BOX 960, ARTESIA, NM 88210

3a. Phone No. (include area code): Ph: 575-748-1288

9. API Well No.: 30-005-64324

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: Sec 23 T15S R29E Mer NWNE 565FNL 2285FEL
At top prod interval reported below: Sec 14 T15S R29E Mer SWSE 116FSL 2285FEL
At total depth: Sec 14 T15S R29E Mer NWNE 11FNL 2283FEL

10. Field and Pool, or Exploratory: ROUND TANK; SAN ANDRES

11. Sec., T., R., M., or Block and Survey or Area: Sec 23 T15S R29E Mer

12. County or Parish: CHAVES

13. State: NM

14. Date Spudded: 03/18/2019

15. Date T.D. Reached: 03/31/2019

16. Date Completed: ☐ D & A ☒ Ready to Prod. 07/12/2019

17. Elevations (DF, KB, RT, GL)*: 3919 GL

18. Total Depth: MD 8940 8942 TVD 3424 3425

19. Plug Back T.D.: MD 8912 TVD 3424

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NO LOGS

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	48.0	0	352		C 350		0	0
12.250	9.625 J-55	36.0	0	1206		C 405		0	0
8.750	7.000 P-110	26.0	0	3505		C 315		0	0
8.750	5.500 P-110	17.0	3505	8940		C 1400		0	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)
3.500	2723							

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) ROUND TANK; SAN ANDRES	3794	8824	3794 TO 8824	0.420	618	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3794 TO 8824	1197BBLS & 2000GALS 15% ACID, 2000GALS FRESH WATER, 7175BBLS SW, 93,323BBLS 20# XL, 403,189# 100 MES

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
08/12/2019	08/16/2019	24	→	33.0	20.0	2263.0	35.0	0.60	ELECTRIC PUMPING UNIT

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→	33	20	2263	606	POW

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas
			→					

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio
			→				

Pending BLM approvals will subsequently be reviewed and scanned.

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

ELECTRONIC SUBMISSION #480403 VERIFIED BY THE BLM WELL INFORMATION S

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

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
QUEEN	1915	1929	SAND, OIL/GAS/WATER	YATES	1166
SAN ANDRES	3915	8824	DOLOMITE, OIL/GAS/WATER	7-RVRS	1407
				QUEEN	1894
				GRAYBURG	2279
				SAN ANDRES	2582

32. Additional remarks (include plugging procedure):
6/19-30/19 Perforated 3794-8824' w/ 618 holes. Frac w/ 1197bbls & 2000GALS 15% Acid,2000GALS Fresh water, 7175bbls SW, 403,189# 100 Mesh, 93,323bbls 20# XL, 623,449# 20/40 SLC, 3,470,960# 20/40 WS, 712,140# 30/50 WS.
7/11/2019 RIH w/ 80jts 3 1/2" J-55 @ 2723, gas sep @ 2710', 7" TAC @ 2703', top of pump @ 2635'.

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 #480403 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell

Name *(please print)* DEANA WEAVER Title PRODUCTION CLERK

Signature (Electronic Submission) Date 08/26/2019

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 fradulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

NEXUS II
Directional Drilling Specialists

Client: **Mack Energy**
Well Name: **Maple Ridge Fed #1-H**
Job Number: **ND-0002**
Survey Company: **Nexus 2**

Target KBTVD: **3419.00**
Target Dip Angle: **60.72°**
Declination Correction: **0.59°**
KB Elevation:

Vertical Section Calculated Along Azimuth: **0.59°**
Survey Calculation Method: Minimum Curvature

TIE PT TYPE	SVY #	Survey Depth	INC deg.	Azm deg.	Course Length	TVD Ft.	V'Sect FT.	+N/-S Ft.	+E/-W Ft.	Dogleg °/100'	BR °/100'	TR °/100'	Target TVD At V'Sect	Target Line Hi +/Low -
Tie In	0	0	0.00	0.00	0	0	0	0	0	0.00	0.00			
Telidrift	1	136	1.00	241.00	136	135.99	-0.59	-0.58	-1.04	0.74	0.74	177.21	3418.67	3282.68
Telidrift	2	312	1.80	234.00	176	311.94	-2.99	-2.94	-4.62	0.46	0.45	-3.98	3417.32	3105.38
MWD	3	384	1.80	238.50	72	383.90	-4.27	-4.20	-6.50	0.20	0.00	6.25	3416.61	3032.70
MWD	4	534	0.60	264.40	150	533.87	-5.60	-5.51	-9.29	0.86	-0.80	17.27	3415.86	2881.99
MWD	5	693	0.60	27.80	159	692.86	-4.95	-4.85	-9.73	0.66	0.00	-148.81	3416.22	2723.36
MWD	6	883	2.10	43.50	190	882.81	-1.52	-1.45	-6.87	0.81	0.79	8.26	3418.15	2535.34
MWD	7	1073	1.30	121.10	190	1072.74	-0.06	-0.04	-2.62	1.17	-0.42	40.84	3418.97	2346.22
MWD	8	1147	1.50	116.50	74	1146.72	-0.91	-0.90	-1.04	0.31	0.27	-6.22	3418.49	2271.77
MWD	9	1267	1.40	115.80	120	1266.68	-2.22	-2.24	1.69	0.08	-0.08	-0.58	3417.75	2151.07
MWD	10	1457	1.50	131.40	190	1456.62	-4.84	-4.89	5.64	0.21	0.05	8.21	3416.29	1959.67
MWD	11	1646	0.50	71.80	189	1645.59	-6.19	-6.27	8.28	0.70	-0.53	-31.53	3415.53	1769.94
MWD	12	1836	1.00	302.90	190	1835.59	-5.03	-5.11	7.68	0.72	0.26	121.63	3416.18	1580.59
MWD	13	2024	1.10	277.90	188	2023.55	-3.93	-3.97	4.51	0.25	0.05	-13.30	3416.80	1393.24
MWD	14	2213	1.10	271.90	189	2212.52	-3.66	-3.66	0.90	0.06	0.00	-3.17	3416.95	1204.43
MWD	15	2402	1.00	274.40	189	2401.49	-3.50	-3.48	-2.56	0.06	-0.05	1.32	3417.04	1015.55
MWD	16	2592	1.10	270.69	190	2591.46	-3.39	-3.33	-6.03	0.06	0.05	-1.95	3417.10	825.64
MWD	17	2635	1.10	262.00	43	2634.45	-3.45	-3.38	-6.85	0.39	0.00	-20.21	3417.06	782.62
MWD	18	2655	0.90	278.00	20	2654.45	-3.46	-3.39	-7.20	1.71	-1.00	80.00	3417.06	762.61
MWD	19	2687	1.50	317.00	32	2686.44	-3.12	-3.04	-7.73	3.06	1.88	121.88	3417.25	730.81
MWD	20	2717	3.20	338.60	30	2716.41	-2.06	-1.98	-8.31	6.29	5.67	72.00	3417.84	701.43
MWD	21	2749	5.60	342.70	32	2748.32	0.25	0.34	-9.10	7.56	7.50	12.81	3419.14	670.82
MWD	22	2781	7.70	346.10	32	2780.10	3.81	3.92	-10.08	6.67	6.56	10.63	3421.14	641.04
MWD	23	2812	9.80	347.90	31	2810.74	8.40	8.51	-11.13	6.83	6.77	5.81	3423.71	612.97
MWD	24	2843	12.00	348.50	31	2841.18	14.12	14.25	-12.33	7.11	7.10	1.94	3426.92	585.74
MWD	25	2875	14.50	349.70	32	2872.32	21.31	21.45	-13.71	7.86	7.81	3.75	3430.95	558.63
MWD	26	2906	17.50	352.90	31	2902.12	29.74	29.90	-14.98	10.08	9.68	10.32	3435.68	533.56
MWD	27	2937	20.50	355.70	31	2931.43	39.77	39.94	-15.96	10.11	9.68	9.03	3441.30	509.88
MWD	28	2969	23.30	358.10	32	2961.11	51.68	51.86	-16.59	9.18	8.75	7.50	3447.98	486.86
MWD	29	3000	25.80	1.60	31	2989.31	64.55	64.73	-16.60	9.33	8.06	-1150.00	3455.20	465.89
MWD	30	3032	28.00	2.90	32	3017.85	79.02	79.19	-16.03	7.12	6.88	4.06	3463.31	445.46
MWD	31	3064	30.00	1.80	32	3045.83	94.53	94.69	-15.40	6.47	6.25	-3.44	3472.00	426.17
MWD	32	3096	32.50	0.60	32	3073.19	111.13	111.29	-15.06	8.05	7.81	-3.75	3481.31	408.12
MWD	33	3128	35.00	358.90	32	3099.79	128.90	129.06	-15.14	8.35	7.81	1119.69	3491.28	391.48
MWD	34	3159	37.30	356.60	31	3124.83	147.16	147.33	-15.87	8.61	7.42	-7.42	3501.52	376.69
MWD	35	3190	39.30	354.00	31	3149.15	166.29	166.48	-17.45	8.28	6.45	-8.39	3512.24	363.09
MWD	36	3283	45.30	0.80	93	3217.95	228.69	228.91	-20.08	8.11	6.45	-379.78	3547.23	329.28
MWD	37	3332	48.70	4.30	49	3251.36	264.48	264.69	-18.45	8.68	6.94	7.14	3567.30	315.94
MWD	38	3385	53.70	5.00	53	3284.56	305.67	305.84	-15.09	9.49	9.43	1.32	3590.39	305.83
MWD	39	3400	54.10	5.00	15	3293.40	317.76	317.92	-14.04	2.67	2.67	0.00	3597.17	303.77
MWD	40	3415	54.40	5.00	15	3302.17	329.89	330.04	-12.98	2.00	2.00	0.00	3603.98	301.81
MWD	41	3432	54.70	5.00	17	3312.02	343.70	343.84	-11.77	1.76	1.76	0.00	3611.72	299.69
MWD	42	3445	54.90	4.80	13	3319.52	354.29	354.42	-10.86	1.99	1.54	-1.54	3617.66	298.14
MWD	43	3460	55.10	4.80	15	3328.12	366.55	366.67	-9.84	1.33	1.33	0.00	3624.53	296.41
MWD	44	3475	55.90	4.90	15	3336.62	378.88	378.99	-8.79	5.36	5.33	0.67	3631.44	294.82
MWD	45	3485	56.50	4.90	10	3342.18	387.16	387.27	-8.08	6.00	6.00	0.00	3636.09	293.91
MWD	46	3499	57.80	5.00	14	3349.78	398.89	398.98	-7.07	9.31	9.29	0.71	3642.66	292.89
MWD	47	3530	62.10	5.00	31	3365.29	425.64	425.71	-4.73	13.87	13.87	0.00	3657.66	292.37
MWD	48	3562	66.60	5.90	32	3379.14	454.37	454.42	-1.98	14.29	14.06	2.81	3673.77	294.63
MWD	49	3594	70.80	4.70	32	3390.77	484.08	484.10	0.77	13.58	13.13	-3.75	3690.43	299.66
MWD	50	3626	73.10	1.80	32	3400.68	514.46	514.47	2.48	11.22	7.19	-9.06	3707.47	306.79
MWD	51	3657	75.10	358.80	31	3409.18	544.27	544.27	2.64	11.32	6.45	1151.61	3724.18	315.01
MWD	52	3689	78.80	357.60	32	3416.40	575.41	575.43	1.66	12.13	11.56	-3.75	3741.64	325.24
MWD	53	3721	83.30	357.30	32	3421.38	606.97	607.00	0.25	14.09	14.06	-0.94	3759.34	337.96
MWD	54	3753	87.90	357.70	32	3423.83	638.82	638.86	-1.14	14.43	14.38	1.25	3777.19	353.36
MWD	55	3784	90.40	358.00	31	3424.29	669.78	669.84	-2.30	8.12	8.06	0.97	3794.55	370.26
MWD	56	3848	91.10	360.00	64	3423.45	733.74	733.82	-3.42	3.31	1.09	3.13	3830.42	406.97
MWD	57	3943	90.60	0.30	95	3422.04	828.73	828.81	-3.17	0.61	-0.53	-378.63	3883.68	461.64
MWD	58	4037	92.00	360.00	94	3419.91	922.70	922.78	-2.93	1.52	1.49	382.66	3936.37	516.46
MWD	59	4132	90.90	2.60	95	3417.51	1017.65	1017.71	-0.77	2.97	-1.16	-376.21	3989.61	572.11
MWD	60	4228	89.40	3.30	96	3417.26	1113.57	1113.58	4.17	1.72	-1.56	0.73	4043.39	626.14

MWD	61	**4322**	**91.10**	**3.10**	94	3416.85	1207.47	1207.43	9.42	1.82	1.81	-0.21	4096.04	679.20
MWD	62	**4417**	**89.70**	**1.50**	95	3416.18	1302.42	1302.35	13.23	2.24	-1.47	-1.68	4149.28	733.10
MWD	63	**4512**	**91.50**	**1.00**	95	3415.19	1397.40	1397.32	15.30	1.97	1.89	-0.53	4202.54	787.35
MWD	64	**4607**	**90.00**	**359.90**	95	3413.94	1492.39	1492.30	16.05	1.96	-1.58	377.79	4255.80	841.86
MWD	65	**4701**	**89.70**	**359.50**	94	3414.19	1586.38	1586.30	15.55	0.53	-0.32	-0.43	4308.50	894.31
MWD	66	**4796**	**90.90**	**358.90**	95	3413.69	1681.34	1681.29	14.23	1.41	1.26	-0.63	4361.75	948.06
MWD	67	**4891**	**90.60**	**0.40**	95	3412.45	1776.32	1776.27	13.65	1.61	-0.32	-377.37	4415.01	1002.56
MWD	68	**4985**	**90.20**	**1.00**	94	3411.79	1870.32	1870.26	14.80	0.77	-0.43	0.64	4467.71	1055.92
MWD	69	**5080**	**89.10**	**0.30**	95	3412.37	1965.31	1965.25	15.87	1.37	-1.16	-0.74	4520.98	1108.61
MWD	70	**5175**	**90.50**	**0.10**	95	3412.71	2060.31	2060.25	16.20	1.49	1.47	-0.21	4574.25	1161.54
MWD	71	**5270**	**90.00**	**1.00**	95	3412.29	2155.31	2155.24	17.12	1.08	-0.53	0.95	4627.51	1215.22
MWD	72	**5366**	**88.70**	**1.70**	96	3413.38	2251.29	2251.21	19.38	1.54	-1.35	0.73	4681.33	1267.95
MWD	73	**5486**	**90.80**	**1.70**	120	3413.90	2371.26	2371.15	22.94	1.75	1.75	0.00	4748.60	1334.70
MWD	74	**5582**	**89.10**	**1.00**	96	3413.99	2467.25	2467.12	25.20	1.92	-1.77	-0.73	4802.42	1388.43
MWD	75	**5676**	**88.00**	**0.20**	94	3416.37	2561.21	2561.08	26.18	1.45	-1.17	-0.85	4855.11	1438.74
MWD	76	**5771**	**89.00**	**0.40**	95	3418.85	2656.18	2656.04	26.68	1.07	1.05	0.21	4908.36	1489.51
MWD	77	**5865**	**90.00**	**0.60**	94	3419.67	2750.17	2750.04	27.50	1.08	1.06	0.21	4961.06	1541.39
MWD	78	**5960**	**90.70**	**0.40**	95	3419.09	2845.17	2845.03	28.33	0.77	0.74	-0.21	5014.33	1595.24
MWD	79	**6055**	**89.60**	**0.70**	95	3418.84	2940.17	2940.02	29.24	1.20	-1.16	0.32	5067.60	1648.75
MWD	80	**6149**	**89.50**	**0.90**	94	3419.58	3034.16	3034.01	30.55	0.24	-0.11	0.21	5120.30	1700.72
MWD	81	**6243**	**89.90**	**1.00**	94	3420.07	3128.16	3128.00	32.11	0.44	0.43	0.11	5173.01	1752.93
MWD	82	**6337**	**90.60**	**1.70**	94	3419.66	3222.15	3221.97	34.33	1.05	0.74	0.74	5225.71	1806.04
MWD	83	**6431**	**91.00**	**1.80**	94	3418.35	3316.12	3315.92	37.20	0.44	0.43	0.11	5278.40	1860.05
MWD	84	**6526**	**89.50**	**1.00**	95	3417.94	3411.11	3410.88	39.52	1.79	-1.58	-0.84	5331.66	1913.72
MWD	85	**6621**	**90.10**	**0.10**	95	3418.27	3506.11	3505.88	40.43	1.14	0.63	-0.95	5384.93	1966.66
MWD	86	**6716**	**90.80**	**0.40**	95	3417.52	3601.10	3600.87	40.84	0.80	0.74	0.32	5438.19	2020.67
MWD	87	**6811**	**88.40**	**359.50**	95	3418.19	3696.09	3695.86	40.76	2.70	-2.53	378.00	5491.45	2073.26
MWD	88	**6906**	**88.90**	**359.80**	95	3420.42	3791.05	3790.83	40.18	0.61	0.53	0.32	5544.70	2124.27
MWD	89	**7001**	**89.50**	**359.90**	95	3421.75	3886.03	3885.82	39.93	0.64	0.63	0.11	5597.95	2176.20
MWD	90	**7096**	**90.10**	**360.00**	95	3422.08	3981.02	3980.82	39.85	0.64	0.63	0.11	5651.22	2229.14
MWD	91	**7190**	**90.80**	**359.80**	94	3421.34	4075.01	4074.82	39.69	0.77	0.74	-0.21	5703.92	2282.58
MWD	92	**7285**	**91.30**	**359.80**	95	3419.60	4169.99	4169.80	39.35	0.53	0.53	0.00	5757.17	2337.57
MWD	93	**7380**	**89.10**	**0.20**	95	3419.27	4264.97	4264.79	39.35	2.35	-2.32	-378.53	5810.43	2391.16
MWD	94	**7474**	**90.00**	**1.00**	94	3420.01	4358.97	4358.78	40.34	1.28	0.96	0.85	5863.14	2443.13
MWD	95	**7568**	**91.00**	**1.10**	94	3419.19	4452.96	4452.76	42.06	1.07	1.06	0.11	5915.84	2496.65
MWD	96	**7664**	**88.20**	**0.20**	96	3419.86	4548.95	4548.75	43.15	3.06	-2.92	-0.94	5969.66	2549.80
MWD	97	**7759**	**88.70**	**0.30**	95	3422.43	4643.91	4643.71	43.57	0.54	0.53	0.11	6022.91	2600.48
MWD	98	**7853**	**89.30**	**0.30**	94	3424.07	4737.90	4737.69	44.06	0.64	0.64	0.00	6075.61	2651.54
MWD	99	**7947**	**90.10**	**0.30**	94	3424.56	4831.89	4831.69	44.55	0.85	0.85	0.00	6128.31	2703.75
MWD	100	**8043**	**90.90**	**1.00**	96	3423.72	4927.89	4927.68	45.64	1.11	0.83	0.73	6182.14	2758.42
MWD	101	**8137**	**90.50**	**1.10**	94	3422.58	5021.88	5021.66	47.36	0.44	-0.43	0.11	6234.84	2812.27
MWD	102	**8231**	**90.60**	**1.20**	94	3421.67	5115.87	5115.63	49.25	0.15	0.11	0.11	6287.54	2865.87
MWD	103	**8326**	**90.20**	**1.70**	95	3421.01	5210.85	5210.60	51.65	0.67	-0.42	0.53	6340.80	2919.79
MWD	104	**8421**	**90.30**	**1.70**	95	3420.60	5305.84	5305.56	54.47	0.11	0.11	0.00	6394.06	2973.47
MWD	105	**8516**	**91.00**	**1.90**	95	3419.52	5400.81	5400.50	57.45	0.77	0.74	0.21	6447.31	3027.80
MWD	106	**8610**	**90.30**	**0.80**	94	3418.45	5494.79	5494.47	59.67	1.39	-0.74	-1.17	6500.01	3081.56
MWD	107	**8705**	**88.40**	**0.20**	95	3419.53	5589.78	5589.45	60.50	2.10	-2.00	-0.63	6553.27	3133.74
MWD	108	**8801**	**88.70**	**359.90**	96	3421.96	5685.75	5685.42	60.58	0.44	0.31	374.69	6607.08	3185.12
MWD	109	**8888**	**89.00**	**359.70**	87	3423.70	5772.72	5772.41	60.28	0.41	0.34	-0.23	6655.85	3232.15
PTB	110	**8942**	**89.00**	**359.70**	54	3424.65	5826.70	5826.40	59.99	0.00	0.00	0.00	6686.12	3261.47