

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT **OCD-ARTESIA**FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other				5. Lease Serial No NMLC047269-A					
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other: FEB 28 2008				6. If Indian, Allottee or Tribe Name					
2. Name of Operator EOG Resources Inc. OCD-ARTESIA				7. Unit or CA Agreement Name and No					
3. Address P.O. Box 2267 Midland, Texas 79702		3a. Phone No. (include area code) 432-686-3689		8. Lease Name and Well No Sand Tank 7 Fed 3H					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 330' FNL & 510' FWL, U/L D At top prod. interval reported below At total depth 392' FSL & 774' FWL, U/L H				9. API Well No. 30-015-34290 35956					
CONFIDENTIAL				10. Field and Pool, or Exploratory Sand Tank, Bone Spring					
				11. Sec., T., R., M., or Block and Survey or Area Sec 7, T18S, R30E					
14. Date Spudded 12/9/07		15. Date T.D. Reached 12/27/07		12. County or Parish Eddy					
16. Date Completed ☐ D & A ☒ Ready to Prod 1/31/08		17. Elevations (DF, RKB, RT, GL)* 3541 GR		13. State NM					
18. Total Depth. MD TVD 12225 7947		19. Plug Back T.D.: MD TVD 12104		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)				22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run ☒ No ☐ Yes (Submit report) Directional Survey? ☐ No ☒ Yes (Submit copy)					
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
14 3/4	11 3/4	42		390		500 PP		surface	
11	8 5/8	32		3267		600 POZ C		surface	
						200 PP			
7 7/8	5 1/2	17		12177		750 POZ C		surface	
						750 POZ H			
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 7/8	7132								
25. Producing Intervals						26. Perforation Record			
Formation	Top	Bottom	Perforated Interval		Size	No. Holes	Perf Status		
A) 1st Bone Spring	6610		8100 - 12042		0.42	126	Producing		
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
8100 - 12042		Frac w/ 436 bbls 7.5% HCL acid, 745 bbls XL gel, 325500 lbs 16/30 sand, 351400 lbs 16/30 Super LC sand.							
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
1/31/08	2/15/08	24	→	261	341	75	37.0		Pumping
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
40/64	200	60	→				1306	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 Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on page 2)

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	Thg. Press. Flwg SI	Csg. Press	24 Hr	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	Thg. Press. Flwg SI	Csg. Press	24 Hr	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
				Base of salt	1210'
				1st Bone Spring Carbonate	4200'
				1st Bone Spring Sand	6610'
				2nd Bone Spring Carbonate	7080'
				2nd Bone Spring Sand	7480'

32. Additional remarks (include plugging procedure):

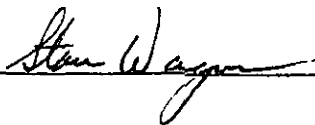
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
☐ Core Analysis
☐ Other:

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

Name (please print) Stan WagnerTitle Regulatory Analyst

Signature

Date 2/20/08

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

EOG Resources, Inc.

Sand Tank 7 Fed #3H

Sand Tank 7 Fed #3H

Sand Tank 7 Fed #3H

OH

Survey: Survey #1

Standard Survey Report

21 January, 2008

WHS Survey Report

Company: EOG Resources, Inc.	Local Co-ordinate Reference: Well Sand Tank 7 Fed #3H	TVD Reference: Est RKB @ 3541.00ft
Project: Sand Tank 7 Fed #3H	MD Reference: Est RKB @ 3541.00ft	North Reference: Grid
Site: Sand Tank 7 Fed #3H	Survey Calculation Method: Minimum Curvature	Database: EDM 2003.16 Single User Db
Well: Sand Tank 7 Fed #3H		
Wellbore: OH		
Design: OH		

Project: Sand Tank 7 Fed #3H		
Map System: US State Plane 1927 (Exact solution)	System Datum: Mean Sea Level	
Geo Datum: NAD 1927 (NADCON CONUS)		
Map Zone: New Mexico East 3001		

Site: Sand Tank 7 Fed #3H			
Site Position:	Map	Northing: 643,349.000 ft	Latitude: 32° 46' 5.738 N
From:		Easting: 597,080.000 ft	Longitude: 104° 1' 3.020 W
Position Uncertainty:	0.00 ft	Slot Radius: "	Grid Convergence: 0.17 °

Well: Sand Tank 7 Fed #3H			
Well Position	+N/-S	0.00 ft	Northing: 643,349.000 ft
	+E/-W	0.00 ft	Easting: 597,080.000 ft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
			Ground Level: 3,541.00 ft

Wellbore: OH			
Magnetics	Model Name	Sample Date	Declination
	IGRF200510	12/21/2007	8.24
			60.71
			49,264

Design: OH			
Audit Notes:			
Version: 1.0	Phase: ACTUAL	Tie On Depth: 0.00	
Vertical Section	Depth From (TVD)	N/S	E/W
	(ft)	(ft)	(ft)
	0.00	0.00	0.00
			303.60

Survey Program		Date: 1/21/2008	
From (ft)	To (ft)	Survey (Wellbore)	Tool Name
100.00	7,210.00	Survey #1 (OH)	CT_GYRO_MS
7,294.00	12,225.00	Survey #2 (OH)	MWD
			Description
			Continuous Gyro Mullshot
			MWD - Standard

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	N/S (ft)	E/W (ft)	Vertical Section (ft)	Dogleg Rate (%/100ft)	Build Rate (%/100ft)	Turn Rate (%/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.96	309.45	100.00	0.53	-0.65	0.83	0.96	0.96	0.00
200.00	0.78	297.77	199.98	1.38	-1.90	2.34	0.25	-0.18	-11.68
300.00	0.72	284.94	299.98	1.86	-3.11	3.62	0.18	-0.06	-12.83
400.00	1.26	267.78	399.96	1.98	-4.81	5.10	0.61	0.54	-17.16
500.00	1.32	265.26	499.93	1.84	-7.06	6.90	0.08	0.06	-2.52
600.00	0.98	266.97	599.91	1.70	-9.06	8.49	0.34	-0.34	1.71
700.00	0.84	266.62	699.90	1.61	-10.65	9.76	0.14	-0.14	-0.35
800.00	0.74	276.56	799.89	1.64	-12.02	10.92	0.17	-0.10	9.94
900.00	0.56	280.03	899.89	1.80	-13.14	11.94	0.18	-0.18	3.47
1,000.00	0.46	335.07	999.88	2.25	-13.79	12.73	0.48	-0.10	55.04
1,100.00	1.09	50.19	1,099.87	3.23	-13.23	12.80	1.07	0.63	75.12

WHS Survey Report

Company: EOG Resources, Inc.	Local Co-ordinate Reference: Well Sand Tank 7 Fed #3H	
Project: Sand Tank 7 Fed #3H	TVD Reference: Est RKB @ 3541.00ft	
Site: Sand Tank 7 Fed #3H	MD Reference: Est RKB @ 3541.00ft	
Well: Sand Tank 7 Fed #3H	North Reference: Grid	
Wellbore: OH	Survey Calculation Method: Minimum Curvature	
Design: OH	Database: EDM 2003.16 Single User Db	

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	N-S (ft)	E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,200.00	1.06	47.20	1,199.86	4.46	-11.82	12.32	0.06	-0.03	-2.99
1,300.00	0.93	49.20	1,299.84	5.62	-10.53	11.88	0.13	-0.13	2.00
1,400.00	0.35	31.18	1,399.84	6.41	-9.76	11.67	0.61	-0.58	-18.02
1,500.00	0.27	344.45	1,499.83	6.90	-9.66	11.87	0.26	-0.08	-46.73
1,600.00	0.17	327.61	1,599.83	7.25	-9.80	12.18	0.12	-0.10	-16.84
1,700.00	0.23	286.43	1,699.83	7.44	-10.07	12.51	0.15	0.06	-41.18
1,800.00	0.20	297.72	1,799.83	7.57	-10.42	12.87	0.05	-0.03	11.29
1,900.00	0.24	233.40	1,899.83	7.53	-10.74	13.12	0.24	0.04	-64.32
2,000.00	0.46	244.58	1,999.83	7.23	-11.28	13.39	0.23	0.22	11.18
2,100.00	0.53	258.90	2,099.83	6.97	-12.09	13.93	0.14	0.07	14.32
2,200.00	0.69	246.91	2,199.82	6.65	-13.10	14.59	0.20	0.16	-11.99
2,300.00	0.92	232.91	2,299.81	5.93	-14.29	15.19	0.30	0.23	-14.00
2,400.00	1.29	229.82	2,399.79	4.72	-15.79	15.76	0.37	0.37	-3.09
2,500.00	1.15	233.59	2,499.77	3.39	-17.46	16.42	0.16	-0.14	3.77
2,600.00	1.09	237.70	2,599.75	2.29	-19.07	17.15	0.10	-0.06	4.11
2,700.00	1.08	238.08	2,699.73	1.28	-20.68	17.93	0.01	-0.01	0.38
2,800.00	0.99	230.70	2,799.72	0.24	-22.15	18.58	0.16	-0.09	-7.38
2,900.00	1.06	232.57	2,899.70	-0.87	-23.55	19.13	0.08	0.07	1.87
3,000.00	0.87	231.14	2,999.69	-1.91	-24.87	19.66	0.19	-0.19	-1.43
3,100.00	0.89	235.71	3,099.67	-2.82	-26.11	20.18	0.07	0.02	4.57
3,200.00	0.81	240.47	3,199.66	-3.61	-27.36	20.79	0.11	-0.08	4.76
3,300.00	0.92	231.23	3,299.65	-4.46	-28.60	21.36	0.18	0.11	-9.24
3,400.00	1.01	231.75	3,399.64	-5.51	-29.92	21.88	0.09	0.09	0.52
3,500.00	0.96	225.59	3,499.62	-6.64	-31.21	22.32	0.12	-0.05	-6.16
3,600.00	1.02	222.34	3,599.61	-7.89	-32.41	22.63	0.08	0.06	-3.25
3,700.00	0.84	222.09	3,699.59	-9.09	-33.50	22.88	0.18	-0.18	-0.25
3,800.00	0.58	223.21	3,799.59	-10.00	-34.34	23.07	0.26	-0.26	1.12
3,900.00	0.58	223.60	3,899.58	-10.74	-35.04	23.24	0.00	0.00	0.39
4,000.00	0.54	233.17	3,999.58	-11.38	-35.76	23.49	0.10	-0.04	9.57
4,100.00	0.44	236.28	4,099.57	-11.88	-36.46	23.79	0.10	-0.10	3.11
4,200.00	0.32	262.50	4,199.57	-12.13	-37.05	24.15	0.21	-0.12	26.22
4,300.00	0.52	286.57	4,299.57	-12.04	-37.77	24.80	0.26	0.20	24.07
4,400.00	0.56	293.43	4,399.56	-11.71	-38.65	25.71	0.08	0.04	6.86
4,500.00	0.80	296.49	4,499.56	-11.21	-39.72	26.88	0.24	0.24	3.06
4,600.00	0.83	302.52	4,599.55	-10.51	-40.96	28.30	0.09	0.03	6.03
4,700.00	0.90	315.85	4,699.54	-9.55	-42.12	29.79	0.21	0.07	13.33
4,800.00	1.24	315.75	4,799.52	-8.22	-43.42	31.62	0.34	0.34	-0.10
4,900.00	1.06	319.20	4,899.50	-6.74	-44.78	33.57	0.19	-0.18	3.45
5,000.00	1.25	325.13	4,999.48	-5.14	-46.01	35.47	0.22	0.19	5.93
5,100.00	1.10	329.33	5,099.46	-3.42	-47.12	37.35	0.17	-0.15	4.20
5,200.00	1.09	331.65	5,199.44	-1.76	-48.06	39.06	0.05	-0.01	2.32
5,300.00	1.27	340.76	5,299.42	0.12	-48.88	40.78	0.26	0.18	9.11
5,400.00	1.13	356.57	5,399.40	2.15	-49.30	42.26	0.36	-0.14	15.81
5,500.00	1.15	350.65	5,499.38	4.13	-49.52	43.53	0.12	0.02	-5.92
5,600.00	1.32	2.43	5,599.35	6.27	-49.64	44.81	0.30	0.17	11.78
5,700.00	1.60	7.31	5,699.32	8.80	-49.41	46.03	0.31	0.28	4.88
5,800.00	1.41	11.88	5,799.29	11.39	-48.98	47.10	0.22	-0.19	4.57
5,900.00	1.52	353.10	5,899.25	13.91	-48.89	48.42	0.49	0.11	-18.78
6,000.00	1.73	352.01	5,999.21	16.72	-49.26	50.28	0.21	0.21	-1.09
6,100.00	1.90	332.49	6,099.16	19.69	-50.23	52.73	0.64	0.17	-19.52
6,200.00	2.33	324.99	6,199.10	22.82	-52.16	56.08	0.51	0.43	-7.50
6,300.00	2.81	320.84	6,298.99	26.39	-54.88	60.31	0.51	0.48	-4.15
6,400.00	2.94	314.45	6,398.87	30.09	-58.26	65.17	0.35	0.13	-6.39
6,500.00	3.23	313.47	6,498.72	33.82	-62.13	70.47	0.29	0.29	-0.98

WHS Survey Report

Company: EOG Resources, Inc.
Project: Sand Tank 7 Fed #3H
Site: Sand Tank 7 Fed #3H
Well: Sand Tank 7 Fed #3H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Sand Tank 7 Fed #3H
TVD Reference: Est RKB @ 3541.00ft
MD Reference: Est RKB @ 3541.00ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	N-S (ft)	E-W (ft)	Vertical Section (ft)	Dogleg Rate (%/100ft)	Build Rate (%/100ft)	Turn Rate (%/100ft)
6,600.00	2.88	312.19	6,598.58	37.45	-66.04	75.73	0.36	-0.35	-1.28
6,700.00	2.58	311.10	6,698.47	40.61	-69.59	80.44	0.30	-0.30	-1.09
6,800.00	2.73	314.33	6,798.36	43.76	-72.99	85.01	0.21	0.15	3.23
6,900.00	2.67	312.92	6,898.25	47.01	-76.40	89.65	0.09	-0.06	-1.41
7,000.00	2.90	314.73	6,998.13	50.37	-79.91	94.43	0.25	0.23	1.81
7,100.00	2.79	318.26	7,098.01	53.97	-83.32	99.27	0.21	-0.11	3.53
7,200.00	3.15	312.90	7,197.87	57.66	-86.96	104.33	0.45	0.36	-5.36
7,210.00	3.03	314.69	7,207.86	58.03	-87.35	104.86	1.54	-1.20	17.90

Targets

Target Name	hit/miss/target	Dip Angle (°)	Dip Dir (°)	TVD (ft)	N-S (ft)	E-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
BHL		0.00	0.00	7,933.00	-4,609.00	160.00	638,740.000	597,240.000	32° 45' 20 126 N	104° 1' 1 308 W
- survey misses by 4729.50ft at 7210.00ft MD (7207.86 TVD, 58.03 N, -87.35 E)										
- Point										

Checked By: _____ Approved By: _____ Date: _____

Well Name	SAND TANK 7 FED #3H			Division	MIDLAND	County, St	EDDY, NM	
Well ID	042794			Well Type	DEVG	Well Class	COMP	
 EXPORT								
Type	MD	Inclination	Azimuth	TVD	VS	NS	EW	DL
MWD-0	7,294	2.20	277.72	7,292	-64.90	59.81	-90.52	
MWD-0	7,325	3.69	218.66	7,323	-64.28	59.11	-91.73	
MWD-0	7,356	6.77	202.84	7,354	-61.89	56.64	-93.06	
MWD-0	7,387	9.94	198.89	7,384	-57.77	52.43	-94.64	
MWD-0	7,418	13.53	196.68	7,415	-51.89	46.42	-96.55	
MWD-0	7,448	17.24	194.84	7,444	-44.36	38.76	-98.69	
MWD-0	7,479	21.02	193.22	7,473	-34.66	28.90	-101.14	
MWD-0	7,510	24.71	191.67	7,501	-23.07	17.14	-103.72	
MWD-0	7,541	28.40	189.12	7,529	-9.60	3.51	-106.20	
MWD-0	7,572	31.83	186.22	7,556	5.67	-11.90	-108.26	
MWD-0	7,604	35.44	183.59	7,583	23.21	-29.55	-109.76	
MWD-0	7,635	39.04	180.09	7,607	41.88	-48.30	-110.33	
MWD-0	7,666	42.56	177.52	7,631	62.12	-68.54	-109.90	
MWD-0	7,698	46.25	175.85	7,654	84.51	-90.89	-108.59	
MWD-0	7,730	49.42	175.94	7,675	108.22	-114.54	-106.89	
MWD-0	7,761	51.53	175.90	7,695	132.13	-138.39	-105.19	
MWD-0	7,793	53.73	176.03	7,714	157.56	-163.76	-103.40	
MWD-0	7,823	57.16	174.97	7,731	182.25	-188.39	-101.46	
MWD-0	7,854	61.03	174.01	7,747	208.83	-214.86	-98.90	
MWD-0	7,885	64.63	173.48	7,761	236.36	-242.27	-95.90	
MWD-0	7,916	68.85	173.57	7,774	264.79	-270.56	-92.68	
MWD-0	7,947	73.07	175.06	7,784	294.06	-299.71	-89.79	
MWD-0	7,978	77.47	176.03	7,792	324.03	-329.59	-87.46	
MWD-0	8,009	82.13	177.00	7,797	354.53	-360.04	-85.61	
MWD-0	8,071	88.72	176.73	7,802	416.30	-421.72	-82.23	
MWD-0	8,165	88.64	176.56	7,804	510.28	-515.53	-76.73	
MWD-0	8,196	88.29	175.85	7,805	541.26	-546.45	-74.68	
MWD-0	8,289	85.65	175.76	7,810	634.11	-639.06	-67.89	
MWD-0	8,383	85.82	175.88	7,817	727.84	-732.55	-61.05	
MWD-0	8,507	85.74	175.85	7,826	851.49	-855.90	-52.14	
MWD-0	8,632	87.32	175.24	7,834	976.23	-980.28	-42.44	
MWD-0	8,757	87.41	175.76	7,839	1,101.07	-1,104.77	-32.65	
MWD-0	8,913	87.49	176.21	7,846	1,256.90	-1,260.23	-21.74	
MWD-0	9,070	88.37	176.29	7,852	1,413.80	-1,416.79	-11.48	
MWD-0	9,224	88.02	175.94	7,857	1,567.71	-1,570.36	-1.05	
MWD-0	9,379	87.10	175.68	7,863	1,722.55	-1,724.80	10.27	
MWD-0	9,534	87.41	175.33	7,871	1,877.34	-1,879.15	22.40	
MWD-0	9,691	87.93	174.36	7,877	2,034.12	-2,035.38	36.50	
MWD-0	9,848	89.16	175.76	7,881	2,191.00	-2,191.74	50.01	
MWD-0	10,007	88.50	174.80	7,884	2,349.91	-2,350.17	63.09	
MWD-0	10,166	88.64	174.62	7,888	2,508.77	-2,508.44	77.75	
MWD-0	10,324	88.81	175.24	7,892	2,666.65	-2,665.78	91.70	
MWD-0	10,482	88.81	175.10	7,895	2,824.56	-2,823.19	105.01	
MWD-0	10,641	88.81	175.94	7,898	2,983.49	-2,981.66	117.42	
MWD-0	10,793	89.16	175.59	7,901	3,135.44	-3,133.23	128.65	
MWD-0	10,954	88.64	176.03	7,904	3,296.39	-3,293.76	140.41	
MWD-0	11,077	88.20	175.94	7,908	3,419.34	-3,416.42	149.02	
MWD-0	11,200	88.20	175.76	7,911	3,542.26	-3,539.03	157.91	
MWD-0	11,354	88.20	175.68	7,916	3,696.16	-3,692.53	169.40	
MWD-0	11,477	88.46	175.33	7,920	3,819.08	-3,815.10	179.04	
MWD-0	11,621	87.49	173.86	7,925	3,962.89	-3,958.36	192.59	

MWD-0	11,754	87.67	173.39	7,931	4,095.58	-4,090.42	207.34
MWD-0	11,908	87.85	173.30	7,937	4,249.20	-4,243.27	225.18
MWD-0	12,063	87.85	172.87	7,942	4,403.78	-4,397.03	243.83
MWD-0	12,126	88.11	172.07	7,945	4,466.56	-4,459.45	252.08