



NM OIL CONSERVATION
ARTESIA DISTRICT
AUG 02 2018

RECEIVED



Garrett State Com No. 121H

Eddy County, NM

July 16, 2018

30-015-44751

Job No. LNM5176618

 ORIGINAL

Survey Completion Report



PRODIRECTIONAL

Survey Certification Letter

July 16, 2018



Operator Name: Matador Resources
Well Name: Garrett State Com No. 121H
County/Parish: Eddy County,
State: NM
Rig Name: Patterson 274
Job Number: LNM5176618

This is to certify the surveys performed on the referenced well by Professional Directional Ent., Inc. are true and correct MWD Surveys, data provided as follows:

<u>Surveyor</u>	<u>Surveyed Depths</u>	<u>Projection to Bit</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
ProDirectional	153' MD – 13,244' MD	13,311' MD	06/04/18 – 06/15/18	MWD-OWSG

Sincerely,

Mike Coats

Mike Coats
Regulatory Specialist
Professional Directional

850 Conroe Park West Drive | Conroe, TX 77303 | Phone: 936.441.7266

prodirectional.com



Matador Resources

**Eddy County, NM
Garrett State Com
No. 121H
OH**

Survey: ProDirectional

Survey Report

16 July, 2018

**NM OIL CONSERVATION
ARTESIA DISTRICT**

AUG 02 2018

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ProDirectional Survey Report



Company: Matador Resources
Project: Eddy County, NM(NAD 83)
Site: Garrett State Com
Well: No. 121H
Wellbore: OH
Design: MWD-153-13244', Proj. 13311'

Local Co-ordinate Reference: Well No. 121H
TVD Reference: Well @ 2966.50usft
MD Reference: Well @ 2966.50usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Project Eddy County, NM(NAD 83)

Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: New Mexico Eastern Zone

System Datum: Mean Sea Level

Site Garrett State Com

Site Position:		Northing:	429,468.00 usft	Latitude:	32.180280
From:	Map	Easting:	640,353.00 usft	Longitude:	-104.013289
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.17 °

Well No. 121H

Well Position	+N/-S	0.00 usft	Northing:	429,468.00 usft	Latitude:	32.180280
	+E/-W	0.00 usft	Easting:	640,353.00 usft	Longitude:	-104.013289
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	2,938.00 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	5/22/2018	7.10	59.95	47,999.10

Design MWD-153-13244', Proj. 13311'

Audit Notes:

Version: 1.0 **Phase:** ACTUAL **Tie On Depth:** 0.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	90.16

Survey Program **Date** 7/16/2018

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
153.00	13,311.00	Survey #1 (OH)	MWD+HDGM	OWSG MWD + HRGM



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Survey												
MD (usft)	Inc (°)	Azi (azimuth) (°)		TVD (usft)	V. Sec (usft)		N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	429,468.00	640,353.00
153.00	0.10	222.90		153.00	-0.09	-0.10	-0.09	0.13	222.90		429,467.90	640,352.91
Pro MWD First Survey: 153' MD												
247.00	0.30	7.40		247.00	-0.12	0.09	-0.12	0.14	306.83		429,468.09	640,352.88
338.00	0.80	17.60		338.00	0.11	0.93	0.11	0.93	6.62		429,468.93	640,353.11
429.00	1.00	353.00		428.98	0.20	2.32	0.20	2.33	5.00		429,470.32	640,353.20
520.00	1.40	344.30		519.96	-0.21	4.18	-0.19	4.18	357.34		429,472.18	640,352.81
536.00	1.50	340.60		535.96	-0.33	4.57	-0.32	4.58	356.03		429,472.57	640,352.68
674.00	1.20	357.00		673.92	-1.01	7.71	-0.99	7.78	352.67		429,475.71	640,352.01
704.00	0.90	344.00		703.92	-1.10	8.25	-1.07	8.32	352.59		429,476.25	640,351.93
795.00	1.50	239.20		794.90	-2.32	8.33	-2.29	8.64	344.60		429,476.33	640,350.71
886.00	6.50	223.10		885.65	-6.85	3.96	-6.84	7.90	300.05		429,471.96	640,346.16
978.00	9.30	218.70		976.77	-15.03	-5.65	-15.05	16.07	249.42		429,462.35	640,337.95
1,070.00	9.50	218.40		1,067.54	-24.36	-17.40	-24.41	29.98	234.52		429,450.60	640,328.59
1,160.00	9.00	224.00		1,156.37	-33.84	-28.29	-33.91	44.16	230.17		429,439.71	640,319.09
1,251.00	8.60	230.90		1,246.30	-44.03	-37.70	-44.14	58.05	229.50		429,430.30	640,308.86
1,342.00	8.60	231.60		1,336.28	-54.62	-46.21	-54.75	71.65	229.83		429,421.79	640,298.25
1,437.00	6.90	235.60		1,430.41	-64.88	-53.85	-65.03	84.43	230.37		429,414.15	640,287.97
1,533.00	6.90	237.90		1,525.71	-74.50	-60.17	-74.67	95.90	231.14		429,407.83	640,278.33
1,627.00	9.20	241.20		1,618.78	-85.85	-66.79	-86.04	108.92	232.18		429,401.21	640,266.96
1,723.00	9.60	243.20		1,713.49	-99.70	-74.10	-99.91	124.39	233.44		429,393.90	640,253.09
1,818.00	8.40	246.00		1,807.32	-113.10	-80.50	-113.32	139.00	234.61		429,387.50	640,239.68
1,914.00	6.90	247.80		1,902.46	-124.83	-85.53	-125.07	151.51	235.63		429,382.47	640,227.93
2,009.00	7.40	237.40		1,996.73	-135.25	-90.98	-135.50	163.21	236.12		429,377.02	640,217.50
2,104.00	9.50	233.80		2,090.69	-146.71	-98.91	-146.99	177.16	236.06		429,369.09	640,206.01
2,200.00	9.90	234.70		2,185.32	-159.81	-108.35	-160.11	193.33	235.91		429,359.65	640,192.89
2,294.00	8.50	236.00		2,278.11	-172.14	-116.91	-172.47	208.36	235.87		429,351.09	640,180.53



ProDirectional Survey Report



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Wellbore: OH
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North Reference: Grid
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Database: WellPlanner1

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
2,389.00	7.10	234.20	2,372.23	-182.70	-124.27	-183.05	221.25	235.83	429,343.73	640,169.95	
2,484.00	7.80	224.80	2,466.43	-191.99	-132.28	-192.36	233.45	235.48	429,335.72	640,160.64	
2,579.00	8.00	217.90	2,560.53	-200.56	-142.07	-200.96	246.11	234.74	429,325.93	640,152.04	
2,675.00	6.90	216.30	2,655.72	-208.05	-151.99	-208.48	258.00	233.91	429,316.01	640,144.52	
2,770.00	5.80	217.80	2,750.13	-214.35	-160.38	-214.80	268.07	233.25	429,307.62	640,138.20	
2,853.00	4.90	216.10	2,832.77	-218.99	-166.56	-219.46	275.51	232.80	429,301.44	640,133.54	
2,945.00	4.80	218.30	2,924.44	-223.68	-172.75	-224.16	283.00	232.38	429,295.25	640,128.84	
3,040.00	6.80	232.70	3,018.95	-230.60	-179.28	-231.10	292.49	232.20	429,288.72	640,121.90	
3,135.00	8.90	239.80	3,113.06	-241.40	-186.39	-241.92	305.40	232.39	429,281.61	640,111.08	
3,230.00	10.60	241.50	3,206.69	-255.41	-194.25	-255.95	321.32	232.80	429,273.75	640,097.05	
3,325.00	10.70	242.10	3,300.05	-270.86	-202.55	-271.43	338.67	233.27	429,265.45	640,081.57	
3,420.00	10.20	242.20	3,393.47	-286.07	-210.60	-286.66	355.71	233.70	429,257.40	640,066.34	
3,515.00	10.30	241.70	3,486.96	-300.97	-218.55	-301.58	372.45	234.07	429,249.45	640,051.42	
3,610.00	10.30	241.00	3,580.43	-315.85	-226.69	-316.49	389.30	234.39	429,241.31	640,036.51	
3,705.00	9.40	239.80	3,674.02	-329.96	-234.71	-330.62	405.46	234.63	429,233.29	640,022.38	
3,800.00	9.00	238.90	3,767.80	-343.01	-242.46	-343.69	420.60	234.80	429,225.54	640,009.31	
3,894.00	8.80	239.30	3,860.67	-355.47	-249.92	-356.17	435.11	234.94	429,218.08	639,996.83	
3,990.00	8.90	239.00	3,955.53	-368.13	-257.50	-368.85	449.84	235.08	429,210.50	639,984.15	
4,085.00	8.80	237.60	4,049.40	-380.54	-265.18	-381.28	464.43	235.18	429,202.82	639,971.72	
4,179.00	8.80	237.30	4,142.29	-392.64	-272.91	-393.40	478.80	235.25	429,195.09	639,959.60	
4,274.00	8.30	238.10	4,236.23	-404.55	-280.46	-405.34	492.91	235.32	429,187.54	639,947.66	
4,369.00	7.70	237.10	4,330.31	-415.70	-287.54	-416.50	506.12	235.38	429,180.46	639,936.50	
4,464.00	7.40	236.80	4,424.49	-426.14	-294.35	-426.97	518.60	235.42	429,173.65	639,926.03	
4,559.00	7.30	234.70	4,518.71	-436.17	-301.19	-437.01	530.75	235.43	429,166.81	639,915.99	
4,654.00	7.10	232.60	4,612.96	-445.74	-308.24	-446.60	542.65	235.39	429,159.76	639,906.40	
4,749.00	7.30	233.40	4,707.21	-455.23	-315.41	-456.11	554.54	235.34	429,152.59	639,896.89	
4,845.00	5.20	233.40	4,802.63	-463.60	-321.64	-464.50	564.99	235.30	429,146.36	639,888.50	



ProDirectional Survey Report



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MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
4,940.00	5.20	233.40	4,897.24	-470.50	-326.77	-471.41	573.59	235.27	429,141.23	639,881.59
5,035.00	2.40	231.10	4,992.02	-475.49	-330.59	-476.42	579.88	235.24	429,137.41	639,876.58
5,130.00	2.50	231.50	5,086.94	-478.66	-333.13	-479.59	583.93	235.22	429,134.87	639,873.41
5,226.00	2.40	222.00	5,182.85	-481.63	-335.92	-482.57	587.98	235.16	429,132.08	639,870.43
5,321.00	2.40	222.30	5,277.76	-484.29	-338.87	-485.24	591.86	235.07	429,129.13	639,867.76
5,417.00	2.20	227.00	5,373.69	-486.99	-341.62	-487.94	595.64	235.00	429,126.38	639,865.06
5,512.00	2.20	222.60	5,468.62	-489.55	-344.20	-490.51	599.23	234.94	429,123.80	639,862.49
5,607.00	2.10	224.20	5,563.55	-491.99	-346.79	-492.96	602.72	234.87	429,121.21	639,860.04
5,702.00	4.00	233.00	5,658.41	-495.84	-350.03	-496.82	607.74	234.83	429,117.97	639,856.18
5,798.00	4.00	233.40	5,754.18	-501.19	-354.05	-502.18	614.44	234.82	429,113.95	639,850.82
5,893.00	1.70	215.10	5,849.06	-504.65	-357.17	-505.65	619.08	234.76	429,110.83	639,847.35
5,988.00	1.60	217.70	5,944.02	-506.27	-359.38	-507.27	621.67	234.68	429,108.62	639,845.73
6,083.00	0.70	285.50	6,039.00	-507.63	-360.27	-508.64	623.31	234.69	429,107.73	639,844.36
6,179.00	1.00	328.80	6,134.99	-508.64	-359.40	-509.64	623.62	234.81	429,108.60	639,843.36
6,274.00	1.00	332.00	6,229.98	-509.46	-357.96	-510.46	623.46	234.96	429,110.04	639,842.54
6,370.00	1.00	326.40	6,325.96	-510.32	-356.52	-511.32	623.34	235.11	429,111.48	639,841.68
6,465.00	0.70	289.90	6,420.95	-511.33	-355.63	-512.32	623.66	235.23	429,112.37	639,840.68
6,560.00	0.80	283.70	6,515.94	-512.52	-355.28	-513.51	624.43	235.32	429,112.72	639,839.49
6,655.00	0.50	335.00	6,610.94	-513.34	-354.74	-514.33	624.80	235.41	429,113.26	639,838.67
6,751.00	0.80	19.10	6,706.93	-513.30	-353.73	-514.29	624.19	235.48	429,114.27	639,838.71
6,846.00	0.80	353.00	6,801.92	-513.17	-352.45	-514.15	623.35	235.57	429,115.55	639,838.85
6,941.00	1.10	319.20	6,896.91	-513.85	-351.10	-514.83	623.15	235.71	429,116.90	639,838.17
7,037.00	1.60	350.00	6,992.88	-514.69	-349.08	-515.66	622.71	235.90	429,118.92	639,837.34
7,132.00	1.80	339.20	7,087.84	-515.46	-346.38	-516.42	621.83	236.15	429,121.62	639,836.58
7,228.00	3.00	324.40	7,183.76	-517.46	-342.93	-518.42	621.58	236.52	429,125.07	639,834.58
7,323.00	3.10	303.70	7,278.63	-521.06	-339.48	-522.01	622.69	236.96	429,128.52	639,830.99
7,419.00	1.60	273.60	7,374.55	-524.56	-337.96	-525.50	624.79	237.25	429,130.04	639,827.50



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7,515.00	2.00	265.10	7,470.50	-527.56	-338.01	-528.51	627.36	237.40	429,129.99	639,824.49	
7,610.00	1.80	268.30	7,565.45	-530.71	-338.20	-531.65	630.11	237.54	429,129.80	639,821.35	
7,705.00	1.50	246.70	7,660.41	-533.34	-338.74	-534.29	632.62	237.63	429,129.26	639,818.71	
7,800.00	1.70	211.10	7,755.37	-535.20	-340.43	-536.16	635.11	237.59	429,127.57	639,816.84	
7,863.00	1.50	200.40	7,818.35	-535.97	-342.01	-536.93	636.60	237.50	429,125.99	639,816.07	
7,901.00	1.40	192.30	7,856.34	-536.24	-342.93	-537.20	637.32	237.45	429,125.07	639,815.80	
7,996.00	1.80	145.50	7,951.30	-535.64	-345.29	-536.60	638.10	237.24	429,122.71	639,816.40	
8,028.00	4.60	107.70	7,983.25	-534.13	-346.10	-535.09	637.27	237.11	429,121.90	639,817.91	
8,091.00	13.90	88.80	8,045.38	-524.13	-346.71	-525.10	629.23	236.56	429,121.29	639,827.90	
8,186.00	25.10	72.90	8,134.84	-493.36	-340.52	-494.31	600.25	235.44	429,127.48	639,858.69	
8,282.00	33.40	80.00	8,218.55	-447.81	-329.92	-448.74	556.97	233.68	429,138.08	639,904.26	
8,377.00	39.40	86.70	8,295.02	-391.91	-323.64	-392.81	508.96	230.51	429,144.36	639,960.19	
8,472.00	46.30	90.90	8,364.64	-327.38	-322.44	-328.29	460.15	225.51	429,145.56	640,024.71	
8,567.00	55.50	93.00	8,424.49	-253.78	-325.03	-254.69	412.94	218.08	429,142.97	640,098.31	
8,663.00	66.90	93.90	8,470.66	-169.94	-330.12	-170.86	371.72	207.36	429,137.88	640,182.14	
8,758.00	77.30	94.90	8,499.82	-79.91	-337.07	-80.85	346.63	193.49	429,130.93	640,272.15	
8,853.00	87.30	95.40	8,512.53	13.75	-345.52	12.79	345.75	177.88	429,122.48	640,365.79	
8,948.00	90.80	94.40	8,514.11	108.40	-353.63	107.41	369.58	163.10	429,114.37	640,460.41	
9,044.00	92.00	91.80	8,511.76	204.24	-358.82	203.23	412.38	150.47	429,109.18	640,556.23	
9,139.00	91.80	90.30	8,508.61	299.17	-360.56	298.16	467.87	140.41	429,107.44	640,651.16	
9,234.00	91.60	89.90	8,505.80	394.13	-360.72	393.12	533.54	132.54	429,107.28	640,746.12	
9,329.00	89.90	88.80	8,504.55	489.11	-359.65	488.10	606.29	126.38	429,108.35	640,841.10	
9,424.00	86.60	88.20	8,507.45	584.01	-357.16	583.01	683.72	121.49	429,110.84	640,936.01	
9,520.00	88.40	88.40	8,511.64	679.86	-354.32	678.87	765.78	117.56	429,113.68	641,031.87	
9,614.00	86.60	87.70	8,515.74	773.70	-351.12	772.73	848.76	114.44	429,116.88	641,125.73	
9,709.00	86.30	89.60	8,521.62	868.48	-348.89	867.51	935.04	111.91	429,119.11	641,220.51	
9,805.00	87.50	89.60	8,526.81	964.34	-348.22	963.37	1,024.37	109.87	429,119.78	641,316.37	



ProDirectional Survey Report



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Wellbore: OH
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Database: WellPlanner1

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)		TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
9,900.00	86.50	91.10		8,531.79	1,059.20	-348.80	1,058.23	1,114.23	108.24	429,119.20	641,411.23
9,995.00	88.00	91.30		8,536.34	1,154.07	-350.79	1,153.10	1,205.28	106.92	429,117.21	641,506.10
10,090.00	86.60	91.20		8,540.82	1,248.95	-352.86	1,247.97	1,296.89	105.79	429,115.14	641,600.97
10,185.00	84.00	91.30		8,548.60	1,343.61	-354.92	1,342.62	1,388.74	104.81	429,113.08	641,695.62
10,281.00	85.10	91.10		8,557.72	1,439.15	-356.92	1,438.16	1,481.79	103.94	429,111.08	641,791.16
10,376.00	86.80	90.50		8,564.43	1,533.91	-358.24	1,532.91	1,574.22	103.15	429,109.76	641,885.91
10,502.00	90.10	88.50		8,567.84	1,659.83	-357.14	1,658.84	1,696.85	102.15	429,110.86	642,011.84
10,597.00	87.20	89.90		8,570.08	1,754.78	-355.82	1,753.79	1,789.52	101.47	429,112.18	642,106.79
10,692.00	87.00	90.50		8,574.88	1,849.65	-356.15	1,848.67	1,882.66	100.90	429,111.85	642,201.67
10,788.00	87.20	90.30		8,579.74	1,945.53	-356.82	1,944.54	1,977.01	100.40	429,111.18	642,297.54
10,881.00	87.50	89.90		8,584.04	2,038.43	-356.98	2,037.44	2,068.48	99.94	429,111.02	642,390.44
10,976.00	88.30	89.80		8,587.52	2,133.36	-356.73	2,132.38	2,162.01	99.50	429,111.27	642,485.38
11,072.00	89.00	90.40		8,589.78	2,229.34	-356.90	2,228.35	2,256.75	99.10	429,111.10	642,581.35
11,167.00	89.60	90.90		8,590.94	2,324.33	-357.98	2,323.33	2,350.75	98.76	429,110.02	642,676.33
11,262.00	90.10	91.30		8,591.19	2,419.31	-359.80	2,418.32	2,444.94	98.46	429,108.20	642,771.32
11,358.00	90.20	91.10		8,590.94	2,515.30	-361.81	2,514.30	2,540.19	98.19	429,106.19	642,867.30
11,453.00	90.20	90.00		8,590.61	2,610.29	-362.72	2,609.29	2,634.38	97.91	429,105.28	642,962.29
11,548.00	90.70	89.70		8,589.86	2,705.29	-362.47	2,704.29	2,728.47	97.63	429,105.53	643,057.29
11,643.00	91.30	89.80		8,588.20	2,800.27	-362.06	2,799.27	2,822.59	97.37	429,105.94	643,152.27
11,738.00	88.00	90.40		8,588.78	2,895.25	-362.22	2,894.25	2,916.83	97.13	429,105.78	643,247.25
11,833.00	87.90	90.90		8,592.18	2,990.19	-363.30	2,989.19	3,011.18	96.93	429,104.70	643,342.19
11,928.00	88.30	90.50		8,595.33	3,085.13	-364.46	3,084.13	3,105.59	96.74	429,103.54	643,437.13
12,024.00	88.90	92.20		8,597.68	3,181.08	-366.72	3,180.07	3,201.14	96.58	429,101.28	643,533.07
12,119.00	90.00	94.50		8,598.59	3,275.92	-372.27	3,274.89	3,295.98	96.49	429,095.73	643,627.89
12,214.00	88.60	92.10		8,599.75	3,370.76	-377.74	3,369.72	3,390.83	96.40	429,090.26	643,722.72
12,310.00	89.00	91.00		8,601.76	3,466.71	-380.34	3,465.66	3,486.47	96.26	429,087.66	643,818.66
12,405.00	89.10	90.40		8,603.34	3,561.69	-381.50	3,560.64	3,581.02	96.12	429,086.50	643,913.64



ProDirectional Survey Report



Company: Matador Resources
Project: Eddy County, NM(NAD 83)
Site: Garrett State Com
Well: No. 121H
Wellbore: OH
Design: MWD-153-13244', Proj. 13311'

Local Co-ordinate Reference: Well No. 121H
TVD Reference: Well @ 2966.50usft
MD Reference: Well @ 2966.50usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
12,500.00	89.70	89.60	8,604.33	3,656.69	-381.50	3,655.63	3,675.49	95.96	429,086.50	644,008.63
12,595.00	90.00	90.00	8,604.58	3,751.68	-381.17	3,750.63	3,769.95	95.80	429,086.83	644,103.63
12,690.00	90.40	90.00	8,604.25	3,846.68	-381.17	3,845.63	3,864.48	95.66	429,086.83	644,198.63
12,785.00	90.70	89.60	8,603.34	3,941.68	-380.84	3,940.63	3,958.99	95.52	429,087.16	644,293.63
12,881.00	88.90	87.30	8,603.67	4,037.62	-378.24	4,036.58	4,054.26	95.35	429,089.76	644,389.58
12,976.00	87.60	84.70	8,606.57	4,132.32	-371.62	4,131.30	4,147.98	95.14	429,096.38	644,484.30
13,071.00	88.00	84.60	8,610.22	4,226.81	-362.77	4,225.81	4,241.35	94.91	429,105.23	644,578.81
13,167.00	89.60	86.50	8,612.23	4,322.47	-355.32	4,321.49	4,336.08	94.70	429,112.68	644,674.49
13,244.00	89.10	85.20	8,613.10	4,399.24	-349.75	4,398.28	4,412.17	94.55	429,118.25	644,751.28
Last Survey: 13244' MD										
13,311.00	89.10	85.20	8,614.16	4,465.99	-344.14	4,465.04	4,478.28	94.41	429,123.86	644,818.04
PTB: 13311' MD										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
153.00	153.00	-0.10	-0.09	Pro MWD First Survey: 153' MD
13,244.00	8,613.10	-349.75	4,398.28	Last Survey: 13244' MD
13,311.00	8,614.16	-344.14	4,465.04	PTB: 13311' MD