eog resources

EOG Resources - Midland

Lea County, NM (NAD 83 NME)
Streetcar 15 Fed
#704H
74353
OH

Design: OH

Standard Survey Report

11 July, 2018

eog resources

Survey Report

Company:	EOG Resources - Midland	**Local Co-ordinate Reference:**	Well #704H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 25' @ 3386.0usft (H&P 462)
Site:	Streetcar 15 Fed	**MD Reference:**	KB = 25' @ 3386.0usft (H&P 462)
Well:	#704H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM 5000.14

Project Lea County, NM (NAD 83 NME)

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site Streetcar 15 Fed

Site Position:		**Northing:**	409,714.00 usft	**Latitude:**	32° 7' 26.337 N
From:	Map	**Easting:**	782,680.00 usft	**Longitude:**	103° 33' 13.460 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.41 °

Well #704H

Well Position	**+N/-S**	0.0 usft	**Northing:**	410,180.00 usft	**Latitude:**	32° 7' 31.106 N
	+E/-W	0.0 usft	**Easting:**	780,463.00 usft	**Longitude:**	103° 33' 39.200 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,361.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	9/29/2017	6.91	59.97	47,851.70097574

Design OH

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	1.35

Survey Program **Date** 7/11/2018

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
190.0	17,107.0	Intrepid MWD (OH)	MWD	OWSG MWD - Standard

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
190.0	0.33	258.14	190.0	-0.1	-0.5	-0.1	0.17	0.17	0.00
270.0	0.48	262.36	270.0	-0.2	-1.1	-0.2	0.19	0.19	5.28
396.0	0.62	255.56	396.0	-0.4	-2.3	-0.5	0.12	0.11	-5.40
522.0	0.92	264.80	522.0	-0.7	-3.9	-0.8	0.26	0.24	7.33
649.0	1.12	270.79	649.0	-0.8	-6.2	-0.9	0.18	0.16	4.72
761.0	1.45	266.66	760.9	-0.8	-8.7	-1.1	0.31	0.29	-3.69
888.0	2.00	280.72	887.9	-0.5	-12.5	-0.8	0.54	0.43	11.07
1,015.0	3.20	295.66	1,014.7	1.4	-17.9	1.0	1.08	0.94	11.76
1,079.0	3.65	300.65	1,078.6	3.2	-21.2	2.7	0.84	0.70	7.80

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Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,253.0	3.70	304.70	1,252.3	9.2	-30.6	8.5	0.15	0.03	2.33
1,439.0	0.70	193.00	1,438.1	11.6	-35.8	10.7	2.16	-1.61	-60.05
1,626.0	1.20	134.50	1,625.1	9.1	-34.7	8.3	0.55	0.27	-31.28
1,816.0	1.10	115.20	1,815.1	6.9	-31.6	6.2	0.21	-0.05	-10.16
2,006.0	1.90	138.40	2,005.0	3.8	-27.8	3.1	0.52	0.42	12.21
2,195.0	6.00	156.20	2,193.5	-7.6	-21.8	-8.1	2.24	2.17	9.42
2,384.0	7.60	164.50	2,381.2	-28.7	-14.5	-29.0	0.99	0.85	4.39
2,574.0	6.90	166.40	2,569.7	-51.9	-8.4	-52.1	0.39	-0.37	1.00
2,763.0	7.20	166.70	2,757.3	-74.5	-3.0	-74.5	0.16	0.16	0.16
2,953.0	6.40	166.70	2,945.9	-96.4	2.2	-96.3	0.42	-0.42	0.00
3,143.0	8.40	166.00	3,134.3	-120.1	8.0	-119.9	1.05	1.05	-0.37
3,332.0	7.90	162.20	3,321.4	-145.9	15.3	-145.5	0.39	-0.26	-2.01
3,522.0	8.10	174.80	3,509.6	-171.7	20.5	-171.1	0.93	0.11	6.63
3,712.0	7.30	176.00	3,697.9	-197.0	22.5	-196.4	0.43	-0.42	0.63
3,901.0	6.50	170.50	3,885.5	-219.6	25.1	-218.9	0.55	-0.42	-2.91
4,091.0	5.50	166.70	4,074.5	-239.0	29.0	-238.3	0.57	-0.53	-2.00
4,281.0	6.40	175.50	4,263.4	-258.4	31.9	-257.6	0.67	0.47	4.63
4,470.0	6.70	160.60	4,451.2	-279.3	36.4	-278.4	0.91	0.16	-7.88
4,659.0	7.90	162.70	4,638.7	-302.1	43.9	-301.0	0.65	0.63	1.11
4,849.0	8.00	159.30	4,826.9	-327.0	52.5	-325.7	0.25	0.05	-1.79
4,891.0	7.70	160.20	4,868.5	-332.4	54.5	-331.0	0.77	-0.71	2.14
5,017.0	6.90	160.70	4,993.4	-347.4	59.8	-345.9	0.64	-0.63	0.40
5,207.0	7.80	167.10	5,181.9	-370.8	66.5	-369.1	0.64	0.47	3.37
5,397.0	8.20	172.60	5,370.0	-396.8	71.1	-395.0	0.45	0.21	2.89
5,586.0	7.90	171.00	5,557.2	-423.0	74.9	-421.1	0.20	-0.16	-0.85
5,776.0	7.10	167.40	5,745.5	-447.3	79.5	-445.3	0.49	-0.42	-1.89
5,966.0	7.30	173.50	5,934.0	-470.8	83.4	-468.7	0.42	0.11	3.21
6,156.0	7.00	171.80	6,122.6	-494.3	86.4	-492.1	0.19	-0.16	-0.89
6,345.0	7.40	172.40	6,310.1	-517.7	89.7	-515.5	0.22	0.21	0.32
6,535.0	7.50	170.60	6,498.5	-542.1	93.3	-539.7	0.13	0.05	-0.95
6,725.0	7.40	168.40	6,686.9	-566.3	97.8	-563.8	0.16	-0.05	-1.16
6,915.0	6.50	167.10	6,875.5	-588.8	102.7	-586.2	0.48	-0.47	-0.68
7,105.0	5.80	166.40	7,064.4	-608.6	107.3	-605.9	0.37	-0.37	-0.37
7,294.0	5.20	169.10	7,252.5	-626.3	111.2	-623.5	0.35	-0.32	1.43
7,484.0	4.90	169.10	7,441.8	-642.7	114.4	-639.8	0.16	-0.16	0.00
7,670.9	4.60	171.77	7,628.1	-658.0	116.9	-655.0	0.20	-0.16	1.43
KOP (Streetcar 15 Fed #704H)									
7,673.0	4.60	171.80	7,630.1	-658.1	117.0	-655.2	0.20	-0.16	1.52
7,863.0	4.00	171.80	7,819.6	-672.2	119.0	-669.2	0.32	-0.32	0.00
8,053.0	5.80	128.30	8,008.9	-684.7	127.5	-681.5	2.10	0.95	-22.89
8,099.0	6.30	118.80	8,054.7	-687.4	131.5	-684.1	2.43	1.09	-20.65
8,242.0	4.70	70.90	8,197.1	-689.3	143.9	-685.7	3.28	-1.12	-33.50
8,270.0	2.40	60.50	8,225.0	-688.6	145.5	-685.0	8.50	-8.21	-37.14
8,432.0	1.50	244.00	8,387.0	-687.9	146.6	-684.2	2.41	-0.56	-108.95

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Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM 5000.14

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,621.0	2.40	262.50	8,575.9	-689.5	140.4	-685.9	0.58	0.48	9.79
8,811.0	2.00	248.60	8,765.8	-691.2	133.4	-687.8	0.35	-0.21	-7.32
9,001.0	1.80	229.80	8,955.7	-694.3	128.0	-691.1	0.34	-0.11	-9.89
9,190.0	1.20	230.90	9,144.6	-697.5	124.2	-694.4	0.32	-0.32	0.58
9,380.0	1.80	21.40	9,334.6	-696.0	123.8	-692.8	1.53	0.32	79.21
9,569.0	1.80	357.70	9,523.5	-690.2	124.7	-687.1	0.39	0.00	-12.54
9,758.0	1.40	330.90	9,712.4	-685.2	123.5	-682.1	0.44	-0.21	-14.18
9,948.0	1.10	269.50	9,902.4	-683.2	120.5	-680.2	0.69	-0.16	-32.32
10,138.0	0.10	203.00	10,092.4	-683.4	118.7	-680.4	0.56	-0.53	-35.00
10,327.0	1.40	230.50	10,281.3	-685.0	116.8	-682.1	0.69	0.69	14.55
10,517.0	0.80	262.20	10,471.3	-686.7	113.7	-683.8	0.44	-0.32	16.68
10,707.0	1.90	280.60	10,661.2	-686.3	109.3	-683.5	0.62	0.58	9.68
10,897.0	0.70	29.50	10,851.2	-684.7	106.8	-682.0	1.17	-0.63	57.32
11,086.0	0.20	288.70	11,040.2	-683.6	107.0	-680.9	0.40	-0.26	-53.33
11,276.0	1.60	179.60	11,230.2	-686.1	106.7	-683.4	0.88	0.74	-57.42
11,465.0	1.60	214.10	11,419.1	-690.9	105.3	-688.3	0.50	0.00	18.25
11,658.0	4.30	236.40	11,611.8	-697.2	97.7	-694.7	1.49	1.40	11.55
11,789.0	0.50	36.20	11,742.7	-699.4	94.0	-697.0	3.64	-2.90	121.98
11,928.0	8.28	65.34	11,881.2	-694.8	103.4	-692.1	5.64	5.60	20.97
KOP									
11,978.0	11.10	65.80	11,930.5	-691.3	111.1	-688.5	5.64	5.64	0.91
12,072.0	27.60	63.00	12,018.9	-677.6	139.0	-674.1	17.58	17.55	-2.98
12,104.0	31.40	59.30	12,046.7	-670.0	152.7	-666.2	13.16	11.88	-11.56
12,136.0	35.10	43.80	12,073.5	-659.1	166.3	-654.9	28.88	11.56	-48.44
12,167.0	41.60	30.70	12,097.9	-643.7	177.8	-639.4	33.48	20.97	-42.26
12,199.0	47.70	16.90	12,120.7	-623.2	186.6	-618.6	35.72	19.06	-43.13
12,223.0	51.90	6.80	12,136.2	-605.3	190.4	-600.6	36.56	17.50	-42.08
12,268.0	54.90	347.30	12,163.2	-569.5	188.4	-564.9	35.35	6.67	-43.33
12,315.0	55.90	344.40	12,189.9	-532.0	178.9	-527.7	5.51	2.13	-6.17
12,363.0	57.60	344.10	12,216.2	-493.4	168.0	-489.3	3.58	3.54	-0.63
12,410.0	60.10	342.70	12,240.5	-454.9	156.5	-451.0	5.90	5.32	-2.98
12,458.0	61.30	344.20	12,264.0	-414.7	144.6	-411.2	3.70	2.50	3.13
12,474.7	62.29	345.36	12,271.9	-400.5	140.8	-397.1	8.49	5.91	6.92
HL Crossing, MD:12474.7', TVD:12271.9',N/S:-400.5', E/W:140.8', INC:62.29									
12,505.0	64.10	347.40	12,285.6	-374.3	134.4	-371.0	8.49	5.99	6.75
12,535.9	65.14	349.18	12,298.8	-347.0	128.7	-343.8	6.22	3.39	5.77
FTP (Streetcar 15 Fed #704H)									
12,552.0	65.70	350.10	12,305.5	-332.5	126.1	-329.4	6.22	3.44	5.70
12,599.0	68.80	352.50	12,323.7	-289.7	119.5	-286.8	8.10	6.60	5.11
12,650.0	71.00	353.00	12,341.2	-242.2	113.5	-239.4	4.41	4.31	0.98
12,697.0	73.60	354.80	12,355.5	-197.7	108.8	-195.0	6.63	5.53	3.83
12,745.0	77.40	356.90	12,367.5	-151.3	105.4	-148.8	8.98	7.92	4.38
12,792.0	81.50	357.60	12,376.1	-105.2	103.2	-102.7	8.85	8.72	1.49
12,840.0	81.30	357.30	12,383.3	-57.8	101.1	-55.4	0.75	-0.42	-0.63

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12,887.0	82.50	359.00	12,389.9	-11.3	99.6	-8.9	4.40	2.55	3.62
12,935.0	83.20	358.90	12,395.9	36.4	98.7	38.7	1.47	1.46	-0.21
12,982.0	85.60	0.00	12,400.5	83.1	98.2	85.4	5.61	5.11	2.34
13,029.0	86.50	359.50	12,403.7	130.0	98.0	132.3	2.19	1.91	-1.06
13,124.0	86.50	358.10	12,409.5	224.8	96.1	227.0	1.47	0.00	-1.47
13,219.0	88.60	359.30	12,413.6	319.7	93.9	321.8	2.55	2.21	1.26
13,314.0	90.10	358.50	12,414.7	414.7	92.1	416.7	1.79	1.58	-0.84
13,408.0	89.70	357.20	12,414.8	508.6	88.6	510.6	1.45	-0.43	-1.38
13,490.0	87.50	356.10	12,416.8	590.4	83.8	592.2	3.00	-2.68	-1.34
13,503.0	87.60	357.60	12,417.4	603.4	83.1	605.2	11.55	0.77	11.54
13,598.0	89.10	0.60	12,420.1	698.3	81.6	700.1	3.53	1.58	3.16
13,693.0	90.00	1.10	12,420.9	793.3	83.0	795.1	1.08	0.95	0.53
13,788.0	90.20	1.20	12,420.7	888.3	84.9	890.1	0.24	0.21	0.11
13,883.0	90.20	0.50	12,420.4	983.3	86.3	985.1	0.74	0.00	-0.74
13,897.2	90.29	0.44	12,420.3	997.5	86.4	999.3	0.77	0.64	-0.43
TGT #1(Streetcar 15 Fed #704H)									
13,977.0	90.80	0.10	12,419.5	1,077.3	86.8	1,079.0	0.77	0.64	-0.43
14,072.0	88.70	357.30	12,420.0	1,172.2	84.6	1,173.9	3.68	-2.21	-2.95
14,167.0	89.50	357.70	12,421.4	1,267.1	80.5	1,268.7	0.94	0.84	0.42
14,262.0	90.20	359.80	12,421.7	1,362.1	78.4	1,363.6	2.33	0.74	2.21
14,356.0	88.10	2.30	12,423.1	1,456.1	80.1	1,457.6	3.47	-2.23	2.66
14,451.0	89.40	3.00	12,425.2	1,550.9	84.5	1,552.5	1.55	1.37	0.74
14,482.0	87.90	2.20	12,425.9	1,581.9	85.9	1,583.5	5.48	-4.84	-2.58
14,545.0	85.60	1.30	12,429.5	1,644.8	87.8	1,646.4	3.92	-3.65	-1.43
14,566.0	87.10	2.70	12,430.8	1,665.7	88.6	1,667.3	9.76	7.14	6.67
14,640.0	90.80	3.80	12,432.2	1,739.6	92.8	1,741.3	5.22	5.00	1.49
14,735.0	90.90	1.90	12,430.7	1,834.4	97.5	1,836.2	2.00	0.11	-2.00
14,830.0	90.70	0.90	12,429.4	1,929.4	99.8	1,931.2	1.07	-0.21	-1.05
14,898.4	90.12	359.52	12,428.9	1,997.8	100.1	1,999.6	2.19	-0.85	-2.02
TGT #2(Streetcar 15 Fed #704H)									
14,924.0	89.90	359.00	12,428.9	2,023.4	99.7	2,025.2	2.19	-0.85	-2.02
15,019.0	91.30	1.10	12,427.9	2,118.4	99.8	2,120.1	2.66	1.47	2.21
15,114.0	88.70	0.00	12,427.9	2,213.4	100.7	2,215.1	2.97	-2.74	-1.16
15,209.0	92.50	0.10	12,426.9	2,308.3	100.8	2,310.1	4.00	4.00	0.11
15,303.0	92.80	0.40	12,422.6	2,402.2	101.2	2,404.0	0.45	0.32	0.32
15,398.0	91.00	0.50	12,419.4	2,497.2	102.0	2,498.9	1.90	-1.89	0.11
15,493.0	91.70	0.30	12,417.2	2,592.2	102.6	2,593.9	0.77	0.74	-0.21
15,588.0	85.40	1.60	12,419.6	2,687.1	104.2	2,688.8	6.77	-6.63	1.37
15,682.0	86.50	1.50	12,426.2	2,780.8	106.7	2,782.5	1.18	1.17	-0.11
15,776.0	89.50	0.60	12,429.5	2,874.7	108.5	2,876.5	3.33	3.19	-0.96
15,870.0	88.70	0.70	12,431.0	2,968.7	109.5	2,970.4	0.86	-0.85	0.11
15,899.4	89.04	0.42	12,431.6	2,998.1	109.8	2,999.9	1.50	1.16	-0.95
TGT #3(Streetcar 15 Fed #704H)									
15,965.0	89.80	359.80	12,432.2	3,063.7	109.9	3,065.4	1.50	1.16	-0.95

Company:	EOG Resources - Midland	**Local Co-ordinate Reference:**	Well #704H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 25' @ 3386.0usft (H&P 462)
Site:	Streetcar 15 Fed	**MD Reference:**	KB = 25' @ 3386.0usft (H&P 462)
Well:	#704H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM 5000.14

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,059.0	90.90	359.70	12,431.7	3,157.7	109.5	3,159.4	1.18	1.17	-0.11
16,154.0	89.20	0.10	12,431.6	3,252.7	109.4	3,254.3	1.84	-1.79	0.42
16,249.0	89.80	1.20	12,432.4	3,347.7	110.4	3,349.3	1.32	0.63	1.16
16,344.0	92.00	1.80	12,430.9	3,442.6	112.9	3,444.3	2.40	2.32	0.63
16,439.0	94.00	0.40	12,426.0	3,537.4	114.8	3,539.2	2.57	2.11	-1.47
16,533.0	93.60	359.50	12,419.7	3,631.2	114.7	3,632.9	1.05	-0.43	-0.96
16,628.0	86.20	357.90	12,419.9	3,726.1	112.5	3,727.8	7.97	-7.79	-1.68
16,703.0	83.80	356.80	12,426.4	3,800.8	109.1	3,802.3	3.52	-3.20	-1.47
16,723.0	83.90	355.50	12,428.6	3,820.6	107.7	3,822.1	6.48	0.50	-6.50
16,817.0	87.40	355.40	12,435.7	3,914.0	100.3	3,915.3	3.72	3.72	-0.11
16,912.0	93.50	356.50	12,435.0	4,008.7	93.6	4,009.8	6.52	6.42	1.16
17,007.0	94.00	355.80	12,428.7	4,103.3	87.2	4,104.2	0.90	0.53	-0.74
17,048.0	93.10	354.70	12,426.2	4,144.1	83.8	4,144.9	3.46	-2.20	-2.68
Last MWD Survey									
17,107.0	93.10	354.70	12,423.0	4,202.8	78.4	4,203.4	0.00	0.00	0.00
Projection To Bit - PBHL (Streetcar 15 Fed #704H)									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
11,928.0	11,881.2	-694.8	103.4	KOP
12,474.7	12,271.9	-400.5	140.8	HL Crossing, MD:12474.7', TVD:12271.9',N/S:-400.5', E/W:140.8', INC:62.29
17,048.0	12,426.2	4,144.1	83.8	Last MWD Survey
17,107.0	12,423.0	4,202.8	78.4	Projection To Bit

Checked By: _____ Approved By: _____ Date: _____

eog resources

Lea County, NM (NAD 83 NME)

Streetcar 15 Fed #704H

H&P 462

Plan #2

PROJECT DETAILS: Lea County, NM (NAD 83 NME)	
Geodetic System:	US State Plane 1983
Datum:	North American Datum 1983
Ellipsoid:	GRS 1980
Zone:	New Mexico Eastern Zone
System Datum:	Mean Sea Level

To convert a Magnetic Direction to a Grid Direction, Add 8.50°
To convert a Magnetic Direction to a True Direction, Add 8.91° East
To convert a True Direction to a Grid Direction, Subtract 0.41°

WELL DETAILS: #704H

3361.0
KB = 25' @ 3386.0usft (H&P 462)

Northing	Easting	Latitude	Longitude
410180.00	780463.00	32° 7' 31.106 N	103° 33' 39.200 W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	12045.0	22.85	63.40	11994.4	-682.8	128.7	0.00	0.00	-679.6	
2	12112.0	37.08	66.95	12052.4	-669.0	159.1	21.37	8.67	-665.0	
3	12379.8	45.00	325.00	12275.8	-547.9	181.2	23.00	-128.14	-543.5	
4	12729.6	89.78	4.68	12411.5	-247.2	119.4	16.25	49.70	-244.3	
5	12976.3	89.79	359.75	12412.4	-0.8	128.9	2.00	-89.86	2.2	
6	13974.4	89.79	359.75	12416.0	997.3	124.5	0.00	0.00	1000.0	TGT #1(Streetcar 15 Fed #704H)
7	13981.3	89.77	359.61	12416.0	1004.2	124.5	2.00	-99.02	1006.8	
8	14974.9	89.77	359.61	12420.0	1997.8	117.7	0.00	0.00	2000.0	TGT #2(Streetcar 15 Fed #704H)
9	14977.8	89.71	359.61	12420.0	2000.7	117.7	2.00	179.53	2002.9	
10	15975.4	89.71	359.61	12425.0	2998.2	110.9	0.00	0.00	3000.0	TGT #3(Streetcar 15 Fed #704H)
11	15976.7	89.74	359.61	12425.0	2999.5	110.9	2.00	0.00	3001.3	
12	17294.2	89.74	359.61	12431.0	4317.0	102.0	0.00	0.00	4318.2	PBHL (Streetcar 15 Fed #704H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
TGT #1(Streetcar 15 Fed #704H)	12416.0	997.3	124.5	411177.30	780587.52
TGT #2(Streetcar 15 Fed #704H)	12420.0	1997.8	117.7	412177.80	780580.73
TGT #3(Streetcar 15 Fed #704H)	12425.0	2998.2	110.9	413178.20	780573.95
PBHL (Streetcar 15 Fed #704H)	12431.0	4317.0	102.0	414497.00	780565.00
FTP (Streetcar 15 Fed #704H)	12412.0	-400.0	134.0	409780.00	780597.00
KOP (Streetcar 15 Fed #704H)	7626.0	-680.0	135.9	409500.01	780598.90