

NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 04 2018



Weatherford

RECEIVED

Drilling Services
10000 West County Rd. 116
P.O. Box 61028
Midland, TX USA 79711
Tel. (432) 561-8892 Fax (432) 561-8895

Apache Corporation
303 Veterans Airpark Lane
Midland, TX, 79705

Date: July 12, 2018

Attention: John Vacek

Re: Apache Corporation
Well: Cedar Lake Federal CA 954H
Eddy County, New Mexico

30-015-45029

Enclosed, please find the original survey performed on the referenced well by Precision Energy Services, Inc. (P-5 No. 676004), a Weatherford company. Other information required by your office is as follows:

| <u>Name & Title Of Surveyor</u> | <u>Well Number</u> | <u>Surveyed Depths</u> | <u>Dates Performed</u> | <u>Type of Survey</u> |
|---|------------------------|----------------------------|----------------------------|-------------------------------|
| Richard Nwachukwu MWD Supervisor | 954H | 4,964 MD 15,621 MD | 7/1/2018 7/12/2018 | Measurement While Drilling |

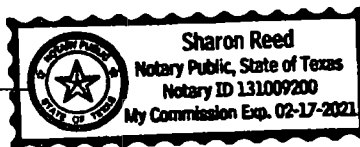
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Domingo Estrada
MWD Ops. Coordinator

On this, the 17th day of July, 2018, before me a notary public, the undersigned officer, personally appeared Domingo Estrada, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.

Sharon Reed
Notary Public





5D Survey Report

Apache Corporation

Field Name: *Apache NM (Nad 83 NMEZ)*
Site Name: *Cedar Lake Fed CA (953H, 954H)*
Well Name: *Cedar Lake Fed CA 954H*
File number: *13221210*
Survey: *Definitive survey*

12 July 2018





Cedar Lake Fed CA 954H

Field Name: Apache NM (Nad 83 NMLZ)
Map Units: US ft
Company Name: Apache Corporation
Vertical Reference Datum (VRD): Mean Sea Level
Projected Coordinate System: NAD83 / New Mexico East (ftUS)
Comment:

Units: US ft
North Reference: Grid
Convergence Angle: 0.25
Site: Cedar Lake Fed CA (954H, 954H)
Elevation above MSL: 3875.00 US ft
Comment: Eddy Co., New Mexico

Slot: Cedar Lake Fed CA 954H
Slot TVD Reference: Ground Elevation
Elevation above MSL: 3875.00 US ft
Comment:

Well: Cedar Lake Fed CA 954H
Type: Main well
UWI:
File Number: 13221210
Comment: H&P 482
Closure Distance: 10472.1US ft
Closure Azimuth: 268.08°
Vertical Section: Position of Origin (Relative to Slot centre)
+N/-S: 0.00 US ft
+E/-W: 0.00 US ft
Az: 267.99°

Drill floor: Survey Name: Definitive Survey
Rig Height (Drill Floor): 26.00US ft
Elevation above MSL: 3901.00US ft
Inclination: 0.00°
Azimuth: 0.00°

Survey Name: Definitive Survey
Date: 02/Apr/2018
Survey Tool: See Survey
Comment: Tool Ranges below.
Company:

Magnetic Model:
Model Name: Surcon- MVHD
Date: 24/Jun/2018
Field Strength: 48311.0nT
Declination: 7.31°
Dip: 60.75°

Tie Point:
MD: 0.00 US ft
Inclination: 0.00°
Azimuth: 0.00°
TVD: -0.00 US ft
North Offset: 0.00 US ft
East Offset: 0.00 US ft

Survey Tool Ranges:

| Name | Start MD(usft) | End MD(usft) | Source Survey |
|----------|----------------|--------------|---------------|
| VES Gyro | 0.00 | 4880.00 | VES Gyro |
| MWD 3 | 4880.00 | 5829.00 | MWD 3 |
| MWD 4 | 5829.00 | 9937.00 | MWD 4 |
| MWD 5 | 9937.00 | 15682.00 | MWD 5 |

5D Survey Report

Wellpath created using minimum curvature.

| Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor) | | | | | | | | | | | |
|---|----------|---------|-------------|------------|-----------------|---------------|----------|-----------------|---------------|----------|-------------------|
| Sp. ID | Inc. (°) | Az. (°) | TVD (US ft) | W. (US ft) | Heading (US ft) | Depth (US ft) | Inc. (°) | Heading (US ft) | Depth (US ft) | Inc. (°) | Heading (US ft) |
| 4880.00 | 2.05 | 273.11 | 4878.70 | 54.27 | 2.40 | -54.38 | 0.53 | 674523.80 | 679995.92 | | |
| 4964.00 | 2.07 | 263.59 | 4962.65 | 57.28 | 2.31 | -57.39 | 0.41 | 674523.71 | 679992.91 | | VES Gyro TieOn |
| 5031.00 | 5.55 | 275.22 | 5029.49 | 61.70 | 2.47 | -61.82 | 5.29 | 674523.87 | 679988.48 | | First WFT MWD Svy |
| 5076.00 | 13.40 | 279.36 | 5073.84 | 68.98 | 3.52 | -69.15 | 17.50 | 674524.92 | 679981.15 | | |
| 5121.00 | 21.68 | 276.79 | 5116.71 | 82.33 | 5.35 | -82.57 | 18.48 | 674526.75 | 679967.73 | | |
| 5166.00 | 28.31 | 273.25 | 5157.48 | 101.19 | 6.94 | -101.50 | 15.10 | 674528.34 | 679948.80 | | |
| 5211.00 | 34.98 | 268.55 | 5195.77 | 124.74 | 7.22 | -125.08 | 15.79 | 674528.62 | 679925.22 | | |
| 5256.00 | 38.40 | 267.59 | 5231.85 | 151.63 | 6.31 | -151.94 | 7.71 | 674527.71 | 679898.36 | | |
| 5301.00 | 40.99 | 266.33 | 5266.48 | 180.36 | 4.78 | -180.64 | 6.03 | 674526.18 | 679869.66 | | |
| 5346.00 | 40.85 | 264.91 | 5300.48 | 209.81 | 2.52 | -210.03 | 2.09 | 674523.92 | 679840.27 | | |
| 5391.00 | 43.03 | 263.76 | 5333.95 | 239.82 | -0.45 | -239.95 | 5.14 | 674520.95 | 679810.35 | | |
| 5436.00 | 48.11 | 263.52 | 5365.44 | 271.85 | -4.01 | -271.88 | 11.30 | 674517.39 | 679778.42 | | |
| 5481.00 | 53.88 | 264.11 | 5393.75 | 306.71 | -7.77 | -306.63 | 12.86 | 674513.63 | 679743.67 | | |
| 5526.00 | 57.77 | 265.17 | 5419.03 | 343.87 | -11.24 | -343.69 | 8.86 | 674510.16 | 679706.61 | | |
| 5598.00 | 62.20 | 266.37 | 5455.03 | 406.15 | -15.82 | -405.85 | 6.32 | 674505.58 | 679644.45 | | |
| 5645.00 | 64.39 | 266.81 | 5476.15 | 448.12 | -18.32 | -447.76 | 4.73 | 674503.08 | 679602.54 | | |
| 5693.00 | 67.15 | 266.62 | 5495.85 | 491.88 | -20.83 | -491.45 | 5.76 | 674500.57 | 679558.85 | | |
| 5741.00 | 72.44 | 266.69 | 5512.42 | 536.90 | -23.45 | -536.41 | 11.02 | 674497.95 | 679513.89 | | |
| 5787.00 | 77.45 | 266.46 | 5524.37 | 581.29 | -26.11 | -580.73 | 10.90 | 674495.29 | 679469.57 | | |
| 5829.00 | 83.41 | 266.81 | 5531.35 | 622.68 | -28.54 | -622.06 | 14.21 | 674492.86 | 679428.24 | | |
| 5869.00 | 89.43 | 265.93 | 5533.84 | 662.56 | -31.06 | -661.88 | 15.21 | 674490.34 | 679388.42 | | |
| 5964.00 | 93.29 | 265.00 | 5531.59 | 757.43 | -38.57 | -756.54 | 4.18 | 674482.83 | 679293.76 | | |
| 6058.00 | 91.47 | 266.15 | 5527.69 | 851.26 | -45.82 | -850.17 | 2.29 | 674475.58 | 679200.13 | | |
| 6153.00 | 91.54 | 266.29 | 5525.19 | 946.18 | -52.08 | -944.93 | 0.16 | 674469.32 | 679105.37 | | |
| 6248.00 | 90.91 | 267.90 | 5523.16 | 1041.14 | -56.89 | -1039.79 | 1.82 | 674464.51 | 679010.51 | | |
| 6342.00 | 91.54 | 268.50 | 5521.15 | 1135.12 | -59.84 | -1133.72 | 0.93 | 674461.56 | 678916.58 | | |
| 6437.00 | 91.89 | 268.46 | 5518.31 | 1230.07 | -62.36 | -1228.64 | 0.37 | 674459.04 | 678821.66 | | |
| 6531.00 | 90.70 | 269.05 | 5516.18 | 1324.04 | -64.40 | -1322.59 | 1.41 | 674457.00 | 678727.71 | | |
| 6626.00 | 90.77 | 269.20 | 5514.97 | 1419.01 | -65.85 | -1417.57 | 0.17 | 674455.55 | 678632.73 | | |
| 6720.00 | 91.54 | 269.72 | 5513.07 | 1512.96 | -66.74 | -1511.55 | 0.99 | 674454.66 | 678538.75 | | |
| 6815.00 | 92.29 | 270.05 | 5509.90 | 1607.85 | -66.93 | -1606.50 | 0.86 | 674454.47 | 678443.80 | | |
| 6909.00 | 90.49 | 269.86 | 5507.62 | 1701.77 | -67.00 | -1700.46 | 1.93 | 674454.40 | 678349.84 | | |
| 7004.00 | 91.19 | 270.14 | 5506.22 | 1796.70 | -67.00 | -1795.45 | 0.79 | 674454.40 | 678254.85 | | |
| 7099.00 | 91.96 | 270.49 | 5503.61 | 1891.58 | -66.48 | -1890.41 | 0.89 | 674454.92 | 678159.89 | | |
| 7193.00 | 90.00 | 270.03 | 5502.00 | 1985.49 | -66.06 | -1984.39 | 2.14 | 674455.34 | 678065.91 | | |
| 7288.00 | 90.42 | 268.59 | 5501.66 | 2080.46 | -67.20 | -2079.38 | 1.58 | 674454.20 | 677970.92 | | |
| 7382.00 | 91.33 | 267.31 | 5500.22 | 2174.45 | -70.56 | -2173.31 | 1.67 | 674450.84 | 677876.99 | | |
| 7477.00 | 92.45 | 267.61 | 5497.09 | 2269.39 | -74.77 | -2268.16 | 1.22 | 674446.63 | 677782.14 | | |
| 7571.00 | 90.84 | 267.46 | 5494.39 | 2363.35 | -78.81 | -2362.04 | 1.72 | 674442.59 | 677688.26 | | |
| 7666.00 | 89.09 | 267.41 | 5494.45 | 2458.34 | -83.06 | -2456.94 | 1.84 | 674438.34 | 677593.36 | | |
| 7760.00 | 89.79 | 267.63 | 5495.37 | 2552.33 | -87.13 | -2550.84 | 0.78 | 674434.27 | 677499.46 | | |
| 7855.00 | 90.42 | 267.74 | 5495.19 | 2647.33 | -90.97 | -2645.76 | 0.67 | 674430.43 | 677404.54 | | |
| 7950.00 | 91.05 | 267.87 | 5493.97 | 2742.32 | -94.60 | -2740.69 | 0.68 | 674426.80 | 677309.61 | | |
| 8045.00 | 91.61 | 268.04 | 5491.77 | 2837.29 | -97.99 | -2835.60 | 0.62 | 674423.41 | 677214.70 | | |
| 8139.00 | 92.10 | 268.56 | 5488.73 | 2931.24 | -100.78 | -2929.51 | 0.76 | 674420.62 | 677120.79 | | |
| 8234.00 | 90.21 | 268.60 | 5486.81 | 3026.21 | -103.13 | -3024.46 | 1.99 | 674418.27 | 677025.84 | | |
| 8328.00 | 90.63 | 269.00 | 5486.12 | 3120.20 | -105.10 | -3118.43 | 0.62 | 674416.30 | 676931.87 | | |
| 8423.00 | 90.98 | 269.28 | 5484.79 | 3215.17 | -106.53 | -3213.41 | 0.47 | 674414.87 | 676836.89 | | |
| 8517.00 | 91.47 | 269.64 | 5482.78 | 3309.12 | -107.41 | -3307.39 | 0.65 | 674413.99 | 676742.91 | | |
| 8612.00 | 89.86 | 268.79 | 5481.67 | 3404.09 | -108.72 | -3402.37 | 1.92 | 674412.68 | 676647.93 | | |
| 8707.00 | 90.21 | 268.57 | 5481.62 | 3499.08 | -110.90 | -3497.34 | 0.44 | 674410.50 | 676552.96 | | |
| 8802.00 | 90.56 | 268.69 | 5480.98 | 3594.07 | -113.18 | -3592.31 | 0.39 | 674408.22 | 676457.99 | | |
| 8896.00 | 90.28 | 268.02 | 5480.29 | 3688.07 | -115.87 | -3686.27 | 0.77 | 674405.53 | 676364.03 | | |
| 8991.00 | 90.42 | 267.94 | 5479.71 | 3783.06 | -119.22 | -3781.21 | 0.17 | 674402.18 | 676269.09 | | |
| 9085.00 | 90.14 | 267.91 | 5479.25 | 3877.06 | -122.63 | -3875.15 | 0.30 | 674398.77 | 676175.15 | | |
| 9180.00 | 90.14 | 267.77 | 5479.02 | 3972.06 | -126.21 | -3970.08 | 0.15 | 674395.19 | 676080.22 | | |

5D Survey Report

| Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor) | | | | | | | | | | | |
|---|--------|--------|----------|---------|------------|------------|---------------|---------------|-------------|-----------|---------|
| True Depth (DB) | DB (m) | AP (m) | TVD (DB) | DB (m) | Depth (DB) | Depth (DB) | Log Loss (DB) | Log Loss (DB) | Bottom (DB) | Loss (DB) | Comment |
| 9274.00 | 90.63 | 267.98 | 5478.39 | 4066.06 | -129.69 | -4064.01 | 0.57 | 674391.71 | 675986.29 | | |
| 9369.00 | 90.98 | 268.27 | 5477.05 | 4161.05 | -132.80 | -4158.95 | 0.48 | 674388.60 | 675891.35 | | |
| 9464.00 | 90.42 | 267.26 | 5475.89 | 4256.04 | -136.50 | -4251.87 | 1.22 | 674384.90 | 675796.43 | | |
| 9558.00 | 90.56 | 266.99 | 5475.09 | 4350.03 | -141.22 | -4347.75 | 0.32 | 674380.18 | 675702.55 | | |
| 9653.00 | 91.12 | 267.00 | 5473.69 | 4445.00 | -146.20 | -4442.61 | 0.59 | 674375.20 | 675607.69 | | |
| 9748.00 | 91.54 | 267.38 | 5471.49 | 4539.97 | -150.85 | -4537.47 | 0.60 | 674370.55 | 675512.83 | | |
| 9842.00 | 90.49 | 267.22 | 5469.82 | 4633.94 | -155.28 | -4631.35 | 1.13 | 674366.12 | 675418.95 | | |
| 9937.00 | 90.84 | 267.34 | 5468.72 | 4728.93 | -159.79 | -4726.23 | 0.39 | 674361.61 | 675324.07 | | |
| 10031.00 | 91.12 | 266.89 | 5467.11 | 4822.90 | -164.52 | -4820.10 | 0.56 | 674356.88 | 675230.20 | | |
| 10126.00 | 91.47 | 267.17 | 5464.97 | 4917.87 | -169.44 | -4914.95 | 0.47 | 674351.96 | 675135.35 | | |
| 10220.00 | 91.68 | 267.25 | 5462.38 | 5011.82 | -174.01 | -5008.80 | 0.24 | 674347.39 | 675041.50 | | |
| 10315.00 | 89.37 | 266.66 | 5461.51 | 5106.80 | -179.06 | -5103.66 | 2.51 | 674342.34 | 674946.64 | | |
| 10410.00 | 89.30 | 266.73 | 5462.61 | 5201.77 | -184.54 | -5198.49 | 0.10 | 674336.86 | 674851.81 | | |
| 10505.00 | 89.58 | 266.88 | 5463.54 | 5296.74 | -189.83 | -5293.34 | 0.33 | 674331.57 | 674756.96 | | |
| 10600.00 | 89.51 | 266.91 | 5464.30 | 5391.72 | -194.98 | -5388.20 | 0.08 | 674326.42 | 674662.10 | | |
| 10694.00 | 89.65 | 266.83 | 5464.99 | 5485.70 | -200.11 | -5482.05 | 0.17 | 674321.29 | 674568.25 | | |
| 10789.00 | 90.98 | 268.35 | 5464.46 | 5580.69 | -204.10 | -5576.96 | 2.13 | 674317.30 | 674473.34 | | |
| 10883.00 | 91.05 | 268.32 | 5462.80 | 5674.67 | -206.84 | -5670.91 | 0.08 | 674314.56 | 674379.39 | | |
| 10972.00 | 91.33 | 268.33 | 5460.95 | 5763.65 | -209.44 | -5759.85 | 0.31 | 674311.96 | 674290.45 | | |
| 11064.00 | 89.86 | 268.92 | 5460.00 | 5855.64 | -211.64 | -5851.82 | 1.72 | 674309.76 | 674198.48 | | |
| 11155.00 | 89.65 | 268.70 | 5460.38 | 5946.63 | -213.53 | -5942.80 | 0.33 | 674307.87 | 674107.50 | | |
| 11246.00 | 89.16 | 268.31 | 5461.33 | 6037.62 | -215.91 | -6033.76 | 0.69 | 674305.49 | 674016.54 | | |
| 11338.00 | 88.88 | 267.67 | 5462.90 | 6129.61 | -219.13 | -6125.69 | 0.76 | 674302.27 | 673924.61 | | |
| 11430.00 | 90.63 | 266.88 | 5463.30 | 6221.59 | -223.51 | -6217.58 | 2.09 | 674297.89 | 673832.72 | | |
| 11523.00 | 90.84 | 266.75 | 5462.10 | 6314.57 | -228.67 | -6310.43 | 0.27 | 674292.73 | 673739.87 | | |
| 11614.00 | 90.14 | 265.81 | 5461.33 | 6405.52 | -234.58 | -6401.23 | 1.29 | 674286.82 | 673649.07 | | |
| 11705.00 | 90.35 | 267.05 | 5460.94 | 6496.49 | -240.24 | -6492.05 | 1.38 | 674281.16 | 673558.25 | | |
| 11798.00 | 90.63 | 267.53 | 5460.14 | 6589.47 | -244.64 | -6584.95 | 0.60 | 674276.76 | 673465.35 | | |
| 11890.00 | 90.77 | 267.49 | 5459.02 | 6681.46 | -248.64 | -6676.85 | 0.16 | 674272.76 | 673373.45 | | |
| 11983.00 | 90.77 | 267.30 | 5457.77 | 6774.45 | -252.86 | -6769.75 | 0.20 | 674268.54 | 673280.55 | | |
| 12074.00 | 90.84 | 266.89 | 5456.49 | 6865.43 | -257.48 | -6860.62 | 0.46 | 674263.92 | 673189.68 | | |
| 12166.00 | 90.49 | 268.67 | 5455.42 | 6957.42 | -261.04 | -6952.54 | 1.97 | 674260.36 | 673097.76 | | |
| 12259.00 | 90.70 | 268.70 | 5454.45 | 7050.41 | -263.17 | -7045.51 | 0.23 | 674258.23 | 673004.79 | | |
| 12351.00 | 90.91 | 268.75 | 5453.16 | 7142.39 | -265.22 | -7137.48 | 0.23 | 674256.18 | 672912.82 | | |
| 12444.00 | 91.05 | 268.32 | 5451.57 | 7235.37 | -267.60 | -7230.44 | 0.49 | 674253.80 | 672819.86 | | |
| 12536.00 | 91.54 | 268.34 | 5449.49 | 7327.35 | -270.28 | -7322.37 | 0.53 | 674251.12 | 672727.93 | | |
| 12629.00 | 91.68 | 268.07 | 5446.88 | 7420.31 | -273.19 | -7415.29 | 0.33 | 674248.21 | 672635.01 | | |
| 12721.00 | 91.96 | 268.06 | 5443.96 | 7512.26 | -276.29 | -7507.19 | 0.30 | 674245.11 | 672543.11 | | |
| 12814.00 | 92.24 | 267.72 | 5440.55 | 7605.20 | -279.72 | -7600.07 | 0.47 | 674241.68 | 672450.23 | | |
| 12908.00 | 90.49 | 268.13 | 5438.31 | 7699.17 | -283.12 | -7693.97 | 1.91 | 674238.28 | 672356.33 | | |
| 13003.00 | 90.21 | 267.97 | 5437.73 | 7794.17 | -286.35 | -7788.92 | 0.34 | 674235.05 | 672261.38 | | |
| 13097.00 | 90.49 | 267.99 | 5437.16 | 7888.17 | -289.66 | -7882.86 | 0.30 | 674231.74 | 672167.44 | | |
| 13192.00 | 90.56 | 267.60 | 5436.29 | 7983.16 | -293.32 | -7977.78 | 0.42 | 674228.08 | 672072.52 | | |
| 13287.00 | 90.21 | 267.82 | 5435.65 | 8078.16 | -297.12 | -8072.70 | 0.44 | 674224.28 | 671977.60 | | |
| 13381.00 | 90.91 | 269.08 | 5434.73 | 8172.15 | -299.66 | -8166.66 | 1.53 | 674221.74 | 671883.64 | | |
| 13476.00 | 91.33 | 269.16 | 5432.87 | 8267.11 | -301.12 | -8261.63 | 0.45 | 674220.28 | 671788.67 | | |
| 13570.00 | 92.03 | 268.88 | 5430.12 | 8361.06 | -302.72 | -8355.58 | 0.80 | 674218.68 | 671694.72 | | |
| 13665.00 | 91.89 | 268.29 | 5426.87 | 8455.99 | -305.07 | -8450.49 | 0.64 | 674216.33 | 671599.81 | | |
| 13759.00 | 92.38 | 268.13 | 5423.36 | 8549.93 | -308.00 | -8544.38 | 0.55 | 674213.40 | 671505.92 | | |
| 13854.00 | 91.61 | 269.14 | 5420.06 | 8644.86 | -310.26 | -8639.30 | 1.34 | 674211.14 | 671411.00 | | |
| 13948.00 | 91.96 | 268.74 | 5417.13 | 8738.80 | -312.00 | -8733.23 | 0.57 | 674209.40 | 671317.07 | | |
| 14043.00 | 92.52 | 268.39 | 5413.42 | 8833.73 | -314.38 | -8828.13 | 0.69 | 674207.02 | 671222.17 | | |
| 14138.00 | 92.03 | 267.68 | 5409.65 | 8928.65 | -317.63 | -8923.00 | 0.91 | 674203.77 | 671127.30 | | |
| 14232.00 | 90.07 | 269.10 | 5407.92 | 9022.62 | -320.27 | -9016.94 | 2.57 | 674201.13 | 671033.36 | | |
| 14327.00 | 90.42 | 268.85 | 5407.52 | 9117.61 | -321.97 | -9111.92 | 0.45 | 674199.43 | 670938.38 | | |
| 14421.00 | 90.91 | 268.22 | 5406.43 | 9211.60 | -324.38 | -9205.89 | 0.85 | 674197.02 | 670844.41 | | |
| 14516.00 | 91.54 | 268.16 | 5404.39 | 9306.58 | -327.38 | -9300.82 | 0.67 | 674194.02 | 670749.48 | | |
| 14611.00 | 90.35 | 268.95 | 5402.83 | 9401.56 | -329.77 | -9395.77 | 1.50 | 674191.63 | 670654.53 | | |
| 14705.00 | 91.05 | 269.15 | 5401.68 | 9495.53 | -331.33 | -9489.75 | 0.77 | 674190.07 | 670560.55 | | |

5D Survey Report

| Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor) | | | | | | | | | | |
|---|-----------|-----------|------------|-----------|-----------------|-----------------|------------|----------------|----------------|---------------------|
| RT (m) | In (m) | Ac (m) | TVD (m) | NS (m) | E-Offset (m) | N-Offset (m) | DLS (m) | Proj.og (m) | Last.og (m) | Comment |
| 14800.00 | 91.61 | 269.13 | 5399.47 | 9590.49 | -332.76 | -9584.71 | 0.59 | 674188.64 | 670465.59 | |
| 14894.00 | 91.68 | 268.93 | 5396.78 | 9684.43 | -334.35 | -9678.66 | 0.23 | 674187.05 | 670371.64 | |
| 14989.00 | 90.00 | 268.81 | 5395.38 | 9779.41 | -336.22 | -9773.63 | 1.77 | 674185.18 | 670276.67 | |
| 15084.00 | 88.39 | 268.81 | 5396.72 | 9874.39 | -338.19 | -9868.60 | 1.69 | 674183.21 | 670181.70 | |
| 15178.00 | 89.02 | 268.74 | 5398.84 | 9968.35 | -340.20 | -9962.55 | 0.67 | 674181.20 | 670087.75 | |
| 15273.00 | 89.79 | 268.59 | 5399.83 | 10063.34 | -342.41 | -10057.52 | 0.83 | 674178.99 | 669992.78 | |
| 15367.00 | 90.42 | 268.71 | 5399.66 | 10157.33 | -344.63 | -10151.49 | 0.68 | 674176.77 | 669898.81 | |
| 15462.00 | 91.19 | 268.54 | 5398.32 | 10252.32 | -346.91 | -10246.45 | 0.83 | 674174.49 | 669803.85 | |
| 15556.00 | 92.17 | 269.10 | 5395.57 | 10346.27 | -348.84 | -10340.39 | 1.20 | 674172.56 | 669709.91 | |
| 15621.00 | 92.66 | 268.96 | 5392.83 | 10411.20 | -349.94 | -10405.32 | 0.78 | 674171.46 | 669644.98 | Last WFT MWD Svy |
| 15682.00 | 92.66 | 268.96 | 5390.00 | 10472.12 | -351.05 | -10466.25 | 0.00 | 674170.35 | 669584.05 | Proj to TD |