

PETROSHARE

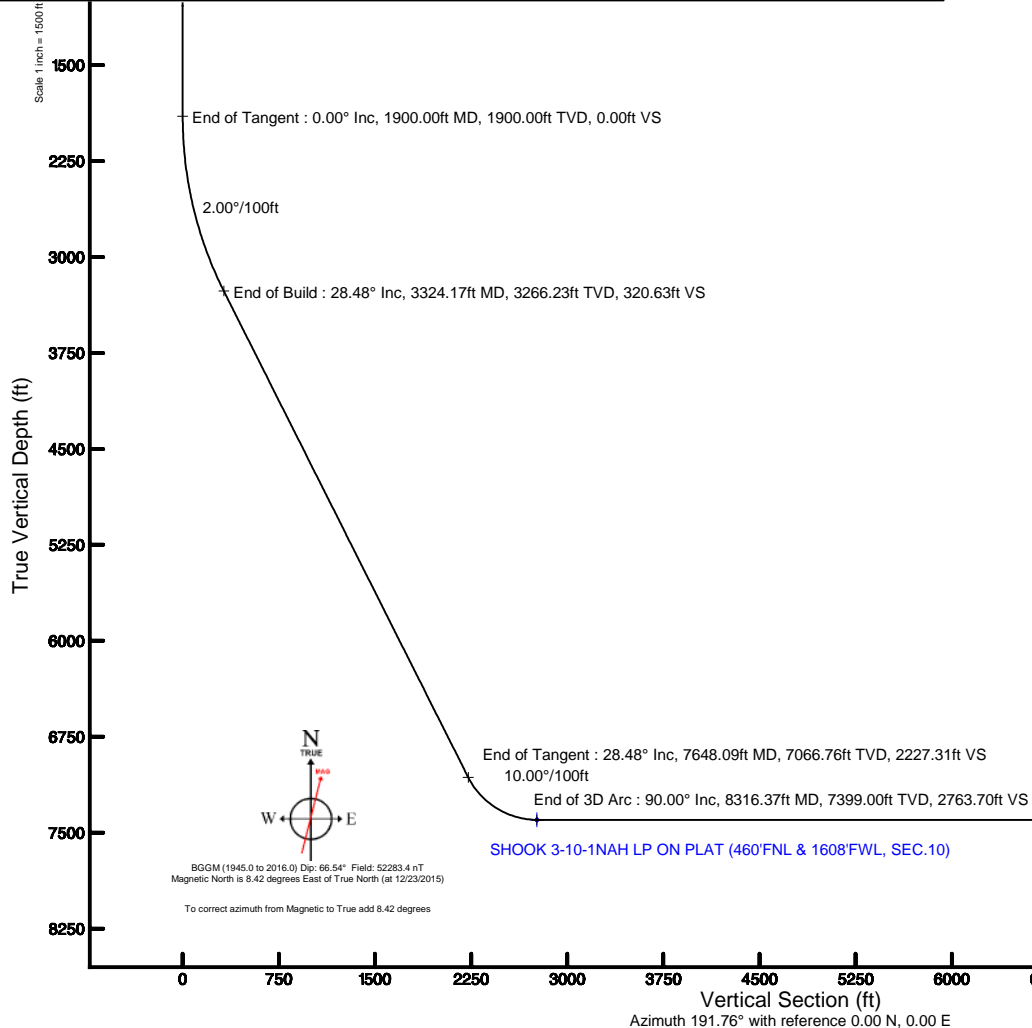
Location: COLORADO Slot: SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03)
Field: ADAMS COUNTY (NAD83/ TRUE NORTH) Well: SHOOK 3-10-1NAH
Facility: SEC.03-T1S-R67W Wellbore: SHOOK 3-10-1NAH PWB

Plot reference wellpath is SHOOK 3-10-1NAH PWP (REV-A.0)

True vertical depths are referenced to RIG (16KB) (RKB) Grid System: NAD83 / Lambert Colorado SP, Northern Zone (501), US feet
Measured depths are referenced to RIG (16KB) (RKB) North Reference: True north
RIG (16KB) (RKB) to Mean Sea Level: 5114 feet Scale: True distance
Mean Sea Level to Mud line (At Slot: SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03)): 0 feet Depths are in feet
Coordinates are in feet referenced to Slot Created by: ingnjamr on 12/29/2015

Location Information

Facility Name			Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SEC.03-T1S-R67W			3175478.751	1240632.475	39°59'31.992"N	104°52'25.320"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03)	0.00	58.84	3175537.589	1240632.891	39°59'31.992"N	104°52'24.564"W
RIG (16KB) (RKB) to Mud line (At Slot: SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03))					5114ft	
Mean Sea Level to Mud line (At Slot: SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03))					0ft	
RIG (16KB) (RKB) to Mean Sea Level					5114ft	



Well Profile Data

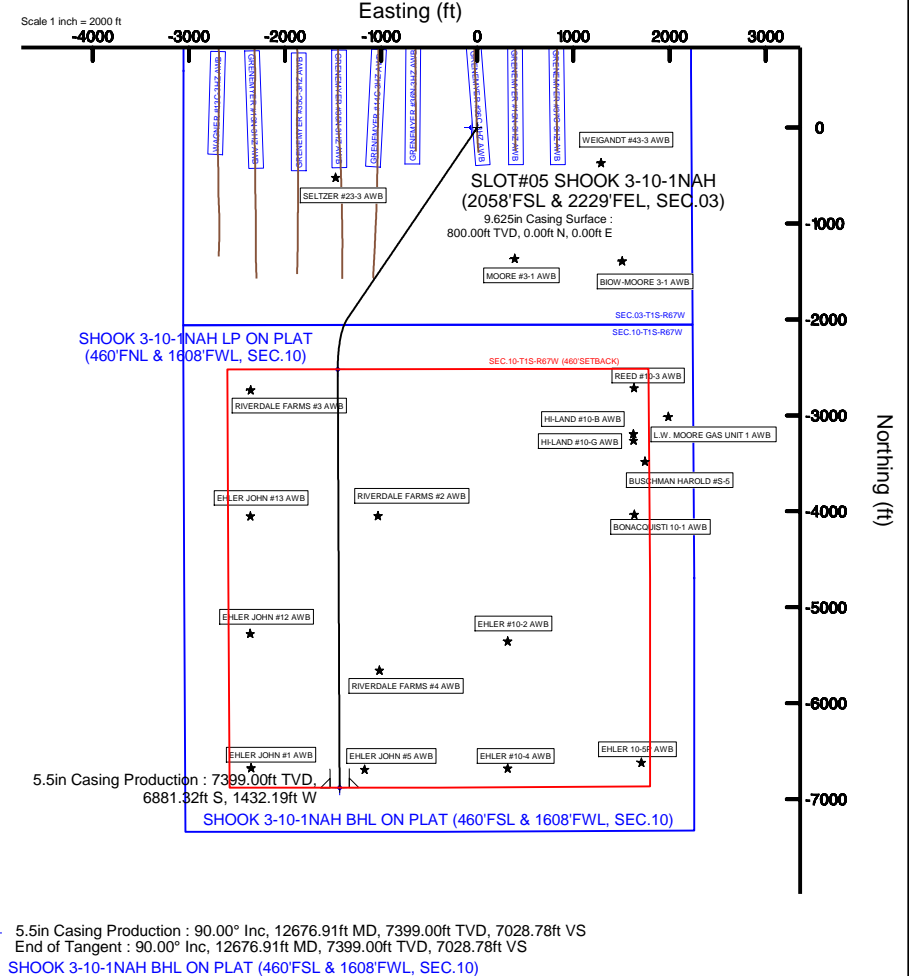
Design Comment	MD (ft)	Inc (")	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	16.00	0.000	214.145	16.00	0.00	0.00	0.00	0.00
End of Tangent	1900.00	0.000	214.145	1900.00	0.00	0.00	0.00	0.00
End of Build	3324.17	28.483	214.145	3266.23	-286.99	-194.64	2.00	320.63
End of Tangent	7648.09	28.483	214.145	7066.76	-1993.64	-1352.06	0.00	2227.31
End of 3D Arc	8316.37	90.000	179.746	7399.00	-2520.82	-1451.56	10.00	2763.70
End of Tangent	12676.91	90.000	179.746	7399.00	-6881.32	-1432.19	0.00	7028.78

Survey Program

Start MD (ft)	End MD (ft)	Tool	Model	Log Name/Comment	Wellbore
16.00	12676.91	NavTrak	Custom NavTrak (Standard) (Rockies 0.03Gt model)		SHOOK 3-10-1NAH PWB

Hole and Casing Sections

Name	Start MD (ft)	End MD (ft)	Interval (ft)	Start TVD (ft)	End TVD (ft)	Start Local N (ft)	Start Local E (ft)	End Local N (ft)	End Local E (ft)	Wellbore
13.5in Open Hole	16.00	800.00	784.00	16.00	800.00	0.00	0.00	0.00	0.00	SHOOK 3-10-1NAH PWB
9.625in Casing Surface	16.00	800.00	784.00	16.00	800.00	0.00	0.00	0.00	0.00	SHOOK 3-10-1NAH PWB
8.5in Open Hole	800.00	12676.91	11876.91	800.00	7399.00	0.00	0.00	-6881.32	-1432.19	SHOOK 3-10-1NAH PWB
5.5in Casing Production	16.00	12676.91	12660.91	16.00	7399.00	0.00	0.00	-6881.32	-1432.19	SHOOK 3-10-1NAH PWB



PETROSHARE

Location: COLORADO Field: ADAMS COUNTY (NAD83/ TRUE NORTH) Facility: SEC.03-T1S-R67W	Slot: SLOT#01 SHOOK 3-10-1CDH (2058'FSL & 2289'FEL, SEC.03) Well: SHOOK 3-10-1CDH Wellbore: SHOOK 3-10-1CDH PWB	
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Scale 1 inch = 250

-1750 -1500 -1250 -1000 -750

BAKER HUGHES

PETROSHARE

SEC.03-T1S-R67W

SLOT#01 SHOOK 3-10
SLOT#02 SHOOK 3-10
SLOT#03 SHOOK 3-10
SLOT#04 SHOOK 3-10
SLOT#05 SHOOK 3-10
SLOT#06 SHOOK 3-10
SLOT#07 SHOOK 3-10

SELTZER #23-3 AWB ▲

GREENVIEW #23-3 AWB

BIN ZINVEST #23-3 AWB

GREENVIEW #16-2 SHU AWB

BIN ZINVEST #16-2 SHU AWB

BIN ZINVEST #16-2 SHU AWB

True vertical depths are referenced to RIG (16KB) (RKB)	Grid System: NAD83 / Lambert Colorado SP, Northern Zone (501), US feet
Measured depths are referenced to RIG (16KB) (RKB)	North Reference: True north
RIG (16KB) (RKB) to Mean Sea Level: 5114 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: SLOT#01 SHOOK 3-10-1CDH (2058FSL & 2289FEL, SEC.03)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: ingmjahr on 12/29/2015

SLOT#01 SHOOK 3-10-1CDH (2058 FSL & 2289 FSL SEC.03)
SLOT#02 SHOOK 3-10-1NCH (2058 FSL & 2274 FSL SEC.03)
SLOT#03 SHOOK 3-10-1NBH (2058 FSL & 2259 FSL SEC.03)
SLOT#04 SHOOK 3-10-2CDH (2058 FSL & 2244 FSL SEC.03)
SLOT#05 SHOOK 3-10-1NAH (2058 FSL & 2229 FSL SEC.03)
SLOT#06 SHOOK 3-10-2NBH (2058 FSL & 2214 FSL SEC.03)
SLOT#07 SHOOK 3-10-3CDH (2058 FSL & 2199 FSL SEC.03)

GREINER #36N-3HZ A4VB

GREENE

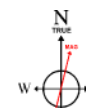
SELTZER #23-3 AWB

GRENNEMYER #35C-3HZ A WB

GREENEYER #35N-3HZ AWB

GRENNEMYER #14C-3HZ A/VB

MOORE #3-1 AWB



BGGM (1945.0 to 2016.0) Dip: 66.54° Field: 52283.3 nT
Magnetic North is 8.42 degrees East of True North (at 12/23/2015)

To correct azimuth from Magnetic to True add 8.42 degrees

To correct azimuth from Magnetic to True add 8.42 degrees

PETROSHARE

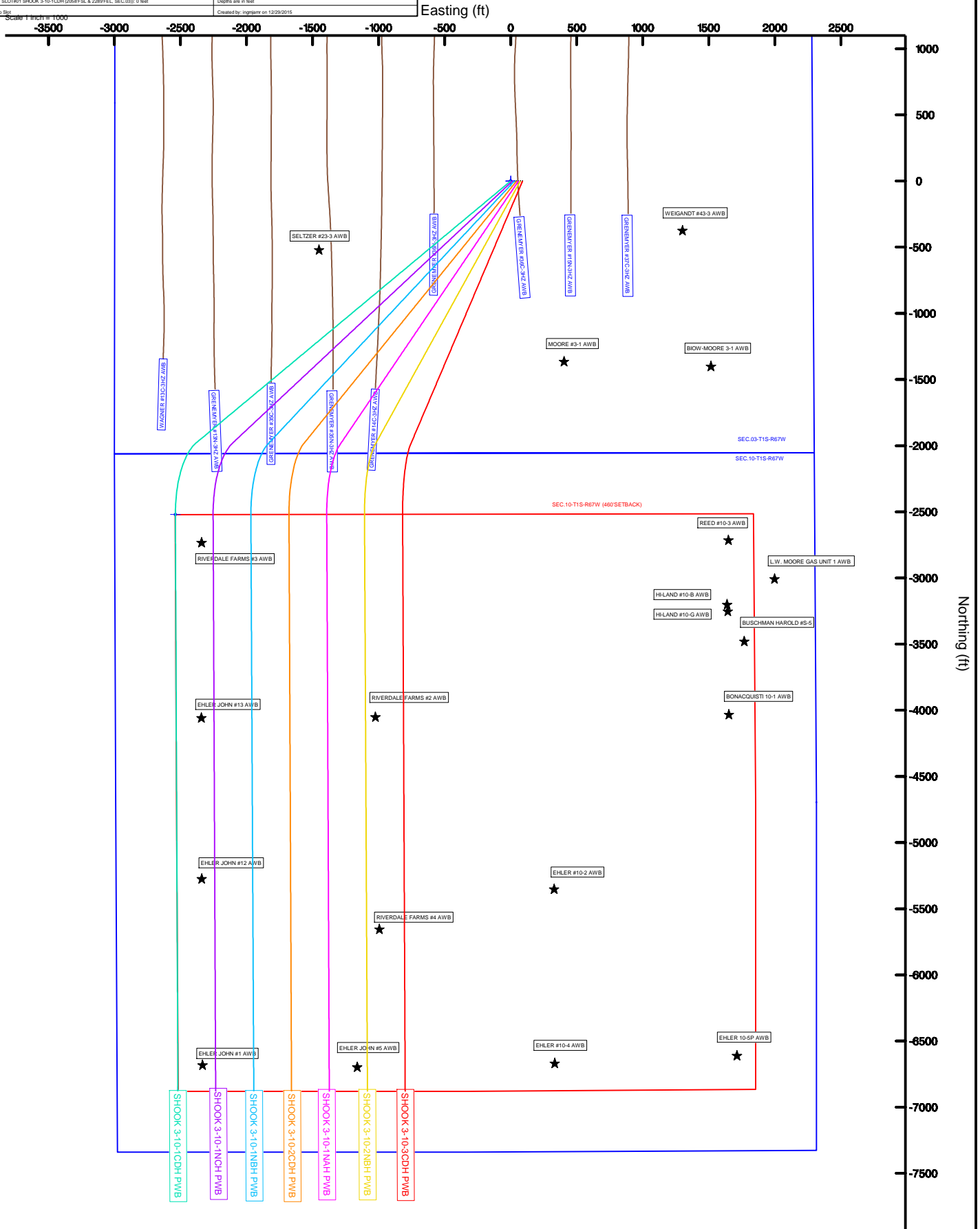
Location: COLORADO Slot: SLOT#01 SHOOK 3-10-1CDH (2058FSL & 2289FEL, SEC.03)
Field: ADAMS COUNTY (NAD83/ TRUE NORTH) Well: SHOOK 3-10-1CDH
Facility: SEC.03-T1S-R67W Wellbore: SHOOK 3-10-1CDH PWB

Plot reference wellbore is SHOOK 3-10-1CDH PWB (REV.A-0)	
True vertical depths are referenced to RIG (16XB) (RKB)	Grid System: NAD83 / Lambert Colorado SP, Northern Zone (501), US feet
Measured depths are referenced to RIG (16XB) (RKB)	North Reference: True north
RIG (16XB) (RKB) to Mean Sea Level: 5114 feet	Scale: True distance
Mean Sea Level to Mud line (at Slot: SLOT#01 SHOOK 3-10-1CDH (2058FSL & 2289FEL, SEC.03): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: inggggg on 12/29/2015



BGGM (1945.0 to 2016.0) Dip: 66.54° Field: 52283.3 nT
Magnetic North is 8.42 degrees East of True North (at 12/23/2015)

To correct azimuth from Magnetic to True add 8.42 degrees





Planned Wellpath Report

SHOOK 3-10-1NAH PWP (REV-A.0)

Page 1 of 6



REFERENCE WELLPATH IDENTIFICATION

Operator	PETROSHARE	Slot	SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03)
Area	COLORADO	Well	SHOOK 3-10-1NAH
Field	ADAMS COUNTY (NAD83/ TRUE NORTH)	Wellbore	SHOOK 3-10-1NAH PWB
Facility	SEC.03-T1S-R67W		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 4.1.1
North Reference	True	User	Ingmjmr
Scale	0.999967	Report Generated	12/29/2015 at 8:33:57 AM
Convergence at slot	0.40° East	Database/Source file	WA_DEN_Denver_Defn/SHOOK_3-10-1NAH_PWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.00	58.84	3175537.59	1240632.89	39°59'31.992"N	104°52'24.564"W
Facility Reference Pt			3175478.75	1240632.48	39°59'31.992"N	104°52'25.320"W
Field Reference Pt			3175478.75	1240632.48	39°59'31.992"N	104°52'25.320"W

WELLPATH DATUM

Calculation method	Minimum curvature	RIG (16'KB) (RKB) to Facility Vertical Datum	5114.00ft
Horizontal Reference Pt	Slot	RIG (16'KB) (RKB) to Mean Sea Level	5114.00ft
Vertical Reference Pt	RIG (16'KB) (RKB)	RIG (16'KB) (RKB) to Mud Line at Slot (SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03))	5114.00ft
MD Reference Pt	RIG (16'KB) (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	191.76°



Planned Wellpath Report

SHOOK 3-10-1NAH PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION

Operator	PETROSHARE	Slot	SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03)
Area	COLORADO	Well	SHOOK 3-10-1NAH
Field	ADAMS COUNTY (NAD83/ TRUE NORTH)	Wellbore	SHOOK 3-10-1NAH PWB
Facility	SEC.03-T1S-R67W		

WELLPATH DATA (136 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	214.145	0.00	0.00	0.00	0.00	0.00	
16.00	0.000	214.145	16.00	0.00	0.00	0.00	0.00	Tie On
116.00†	0.000	214.145	116.00	0.00	0.00	0.00	0.00	
216.00†	0.000	214.145	216.00	0.00	0.00	0.00	0.00	
316.00†	0.000	214.145	316.00	0.00	0.00	0.00	0.00	
416.00†	0.000	214.145	416.00	0.00	0.00	0.00	0.00	
516.00†	0.000	214.145	516.00	0.00	0.00	0.00	0.00	
616.00†	0.000	214.145	616.00	0.00	0.00	0.00	0.00	
716.00†	0.000	214.145	716.00	0.00	0.00	0.00	0.00	
745.00†	0.000	214.145	745.00	0.00	0.00	0.00	0.00	FOX HILLS
816.00†	0.000	214.145	816.00	0.00	0.00	0.00	0.00	
916.00†	0.000	214.145	916.00	0.00	0.00	0.00	0.00	
1016.00†	0.000	214.145	1016.00	0.00	0.00	0.00	0.00	
1116.00†	0.000	214.145	1116.00	0.00	0.00	0.00	0.00	
1216.00†	0.000	214.145	1216.00	0.00	0.00	0.00	0.00	
1316.00†	0.000	214.145	1316.00	0.00	0.00	0.00	0.00	
1416.00†	0.000	214.145	1416.00	0.00	0.00	0.00	0.00	
1516.00†	0.000	214.145	1516.00	0.00	0.00	0.00	0.00	
1616.00†	0.000	214.145	1616.00	0.00	0.00	0.00	0.00	
1716.00†	0.000	214.145	1716.00	0.00	0.00	0.00	0.00	
1816.00†	0.000	214.145	1816.00	0.00	0.00	0.00	0.00	
1900.00	0.000	214.145	1900.00	0.00	0.00	0.00	0.00	End of Tangent
1916.00†	0.320	214.145	1916.00	0.04	-0.04	-0.03	2.00	
2016.00†	2.320	214.145	2015.97	2.17	-1.94	-1.32	2.00	
2116.00†	4.320	214.145	2115.80	7.53	-6.74	-4.57	2.00	
2216.00†	6.320	214.145	2215.36	16.10	-14.41	-9.77	2.00	
2316.00†	8.320	214.145	2314.54	27.88	-24.95	-16.92	2.00	
2416.00†	10.320	214.145	2413.21	42.85	-38.36	-26.01	2.00	
2516.00†	12.320	214.145	2511.26	61.00	-54.60	-37.03	2.00	
2616.00†	14.320	214.145	2608.57	82.30	-73.67	-49.96	2.00	
2716.00†	16.320	214.145	2705.01	106.73	-95.53	-64.79	2.00	
2816.00†	18.320	214.145	2800.47	134.26	-120.17	-81.50	2.00	
2916.00†	20.320	214.145	2894.84	164.84	-147.55	-100.07	2.00	
3016.00†	22.320	214.145	2987.99	198.46	-177.64	-120.47	2.00	
3116.00†	24.320	214.145	3079.81	235.06	-210.40	-142.69	2.00	
3216.00†	26.320	214.145	3170.20	274.60	-245.79	-166.69	2.00	
3316.00†	28.320	214.145	3259.04	317.04	-283.78	-192.45	2.00	
3324.17	28.483	214.145	3266.23	320.63	-286.99	-194.64	2.00	End of Build
3416.00†	28.483	214.145	3346.94	361.12	-323.24	-219.22	0.00	
3516.00†	28.483	214.145	3434.84	405.22	-362.71	-245.98	0.00	
3616.00†	28.483	214.145	3522.74	449.32	-402.18	-272.75	0.00	
3716.00†	28.483	214.145	3610.63	493.41	-441.65	-299.52	0.00	
3816.00†	28.483	214.145	3698.53	537.51	-481.12	-326.29	0.00	
3916.00†	28.483	214.145	3786.42	581.60	-520.59	-353.06	0.00	
4016.00†	28.483	214.145	3874.32	625.70	-560.06	-379.82	0.00	



Planned Wellpath Report

SHOOK 3-10-1NAH PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION

Operator	PETROSHARE	Slot	SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03)
Area	COLORADO	Well	SHOOK 3-10-1NAH
Field	ADAMS COUNTY (NAD83/ TRUE NORTH)	Wellbore	SHOOK 3-10-1NAH PWB
Facility	SEC.03-T1S-R67W		

WELLPATH DATA (136 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
4116.00†	28.483	214.145	3962.21	669.80	-599.53	-406.59	0.00	
4216.00†	28.483	214.145	4050.11	713.89	-639.00	-433.36	0.00	
4316.00†	28.483	214.145	4138.00	757.99	-678.47	-460.13	0.00	
4416.00†	28.483	214.145	4225.90	802.08	-717.94	-486.89	0.00	
4516.00†	28.483	214.145	4313.79	846.18	-757.41	-513.66	0.00	
4616.00†	28.483	214.145	4401.69	890.28	-796.88	-540.43	0.00	
4716.00†	28.483	214.145	4489.59	934.37	-836.35	-567.20	0.00	
4816.00†	28.483	214.145	4577.48	978.47	-875.82	-593.97	0.00	
4916.00†	28.483	214.145	4665.38	1022.57	-915.29	-620.73	0.00	
5016.00†	28.483	214.145	4753.27	1066.66	-954.76	-647.50	0.00	
5116.00†	28.483	214.145	4841.17	1110.76	-994.23	-674.27	0.00	
5188.62†	28.483	214.145	4905.00	1142.78	-1022.89	-693.71	0.00	SUSSEX/SHANNON
5216.00†	28.483	214.145	4929.06	1154.85	-1033.70	-701.04	0.00	
5316.00†	28.483	214.145	5016.96	1198.95	-1073.16	-727.81	0.00	
5416.00†	28.483	214.145	5104.85	1243.05	-1112.63	-754.57	0.00	
5516.00†	28.483	214.145	5192.75	1287.14	-1152.10	-781.34	0.00	
5616.00†	28.483	214.145	5280.64	1331.24	-1191.57	-808.11	0.00	
5716.00†	28.483	214.145	5368.54	1375.33	-1231.04	-834.88	0.00	
5816.00†	28.483	214.145	5456.44	1419.43	-1270.51	-861.64	0.00	
5916.00†	28.483	214.145	5544.33	1463.53	-1309.98	-888.41	0.00	
6016.00†	28.483	214.145	5632.23	1507.62	-1349.45	-915.18	0.00	
6116.00†	28.483	214.145	5720.12	1551.72	-1388.92	-941.95	0.00	
6216.00†	28.483	214.145	5808.02	1595.81	-1428.39	-968.72	0.00	
6316.00†	28.483	214.145	5895.91	1639.91	-1467.86	-995.48	0.00	
6416.00†	28.483	214.145	5983.81	1684.01	-1507.33	-1022.25	0.00	
6516.00†	28.483	214.145	6071.70	1728.10	-1546.80	-1049.02	0.00	
6616.00†	28.483	214.145	6159.60	1772.20	-1586.27	-1075.79	0.00	
6716.00†	28.483	214.145	6247.49	1816.29	-1625.74	-1102.56	0.00	
6816.00†	28.483	214.145	6335.39	1860.39	-1665.21	-1129.32	0.00	
6916.00†	28.483	214.145	6423.29	1904.49	-1704.68	-1156.09	0.00	
7016.00†	28.483	214.145	6511.18	1948.58	-1744.15	-1182.86	0.00	
7116.00†	28.483	214.145	6599.08	1992.68	-1783.62	-1209.63	0.00	
7216.00†	28.483	214.145	6686.97	2036.77	-1823.09	-1236.40	0.00	
7316.00†	28.483	214.145	6774.87	2080.87	-1862.56	-1263.16	0.00	
7416.00†	28.483	214.145	6862.76	2124.97	-1902.03	-1289.93	0.00	
7516.00†	28.483	214.145	6950.66	2169.06	-1941.50	-1316.70	0.00	
7616.00†	28.483	214.145	7038.55	2213.16	-1980.97	-1343.47	0.00	
7648.09	28.483	214.145	7066.76	2227.31	-1993.64	-1352.06	0.00	End of Tangent
7716.00†	34.075	206.693	7124.80	2260.70	-2024.07	-1369.71	10.00	
7816.00†	42.878	199.022	7203.05	2321.67	-2081.41	-1393.45	10.00	
7916.00†	52.046	193.579	7270.61	2395.01	-2152.08	-1413.84	10.00	
8016.00†	61.408	189.363	7325.43	2478.50	-2233.93	-1430.28	10.00	
8116.00†	70.878	185.846	7365.84	2569.58	-2324.47	-1442.27	10.00	
8216.00†	80.408	182.715	7390.62	2665.50	-2420.95	-1449.43	10.00	
8316.00†	89.965	179.756	7399.00	2763.35	-2520.45	-1451.56	10.00	



Planned Wellpath Report

SHOOK 3-10-1NAH PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION

Operator	PETROSHARE	Slot	SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03)
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MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
8316.37	90.000	179.746	7399.00 [†]	2763.70	-2520.82	-1451.56	10.00	End of 3D Arc
8416.00 [†]	90.000	179.746	7399.00	2861.16	-2620.45	-1451.12	0.00	
8516.00 [†]	90.000	179.746	7399.00	2958.97	-2720.45	-1450.67	0.00	
8616.00 [†]	90.000	179.746	7399.00	3056.78	-2820.45	-1450.23	0.00	
8716.00 [†]	90.000	179.746	7399.00	3154.59	-2920.45	-1449.78	0.00	
8816.00 [†]	90.000	179.746	7399.00	3252.40	-3020.45	-1449.34	0.00	
8916.00 [†]	90.000	179.746	7399.00	3350.21	-3120.45	-1448.90	0.00	
9016.00 [†]	90.000	179.746	7399.00	3448.02	-3220.45	-1448.45	0.00	
9116.00 [†]	90.000	179.746	7399.00	3545.83	-3320.44	-1448.01	0.00	
9216.00 [†]	90.000	179.746	7399.00	3643.64	-3420.44	-1447.56	0.00	
9316.00 [†]	90.000	179.746	7399.00	3741.45	-3520.44	-1447.12	0.00	
9416.00 [†]	90.000	179.746	7399.00	3839.26	-3620.44	-1446.68	0.00	
9516.00 [†]	90.000	179.746	7399.00	3937.07	-3720.44	-1446.23	0.00	
9616.00 [†]	90.000	179.746	7399.00	4034.88	-3820.44	-1445.79	0.00	
9716.00 [†]	90.000	179.746	7399.00	4132.70	-3920.44	-1445.34	0.00	
9816.00 [†]	90.000	179.746	7399.00	4230.51	-4020.44	-1444.90	0.00	
9916.00 [†]	90.000	179.746	7399.00	4328.32	-4120.44	-1444.46	0.00	
10016.00 [†]	90.000	179.746	7399.00	4426.13	-4220.44	-1444.01	0.00	
10116.00 [†]	90.000	179.746	7399.00	4523.94	-4320.43	-1443.57	0.00	
10216.00 [†]	90.000	179.746	7399.00	4621.75	-4420.43	-1443.12	0.00	
10316.00 [†]	90.000	179.746	7399.00	4719.56	-4520.43	-1442.68	0.00	
10416.00 [†]	90.000	179.746	7399.00	4817.37	-4620.43	-1442.24	0.00	
10516.00 [†]	90.000	179.746	7399.00	4915.18	-4720.43	-1441.79	0.00	
10616.00 [†]	90.000	179.746	7399.00	5012.99	-4820.43	-1441.35	0.00	
10716.00 [†]	90.000	179.746	7399.00	5110.80	-4920.43	-1440.90	0.00	
10816.00 [†]	90.000	179.746	7399.00	5208.61	-5020.43	-1440.46	0.00	
10916.00 [†]	90.000	179.746	7399.00	5306.42	-5120.43	-1440.01	0.00	
11016.00 [†]	90.000	179.746	7399.00	5404.23	-5220.43	-1439.57	0.00	
11116.00 [†]	90.000	179.746	7399.00	5502.04	-5320.42	-1439.13	0.00	
11216.00 [†]	90.000	179.746	7399.00	5599.85	-5420.42	-1438.68	0.00	
11316.00 [†]	90.000	179.746	7399.00	5697.67	-5520.42	-1438.24	0.00	
11416.00 [†]	90.000	179.746	7399.00	5795.48	-5620.42	-1437.79	0.00	
11516.00 [†]	90.000	179.746	7399.00	5893.29	-5720.42	-1437.35	0.00	
11616.00 [†]	90.000	179.746	7399.00	5991.10	-5820.42	-1436.91	0.00	
11716.00 [†]	90.000	179.746	7399.00	6088.91	-5920.42	-1436.46	0.00	
11816.00 [†]	90.000	179.746	7399.00	6186.72	-6020.42	-1436.02	0.00	
11916.00 [†]	90.000	179.746	7399.00	6284.53	-6120.42	-1435.57	0.00	
12016.00 [†]	90.000	179.746	7399.00	6382.34	-6220.42	-1435.13	0.00	
12116.00 [†]	90.000	179.746	7399.00	6480.15	-6320.41	-1434.69	0.00	
12216.00 [†]	90.000	179.746	7399.00	6577.96	-6420.41	-1434.24	0.00	
12316.00 [†]	90.000	179.746	7399.00	6675.77	-6520.41	-1433.80	0.00	
12416.00 [†]	90.000	179.746	7399.00	6773.58	-6620.41	-1433.35	0.00	
12516.00 [†]	90.000	179.746	7399.00	6871.39	-6720.41	-1432.91	0.00	
12616.00 [†]	90.000	179.746	7399.00	6969.20	-6820.41	-1432.47	0.00	
12676.91 [†]	90.000	179.746	7399.00	7028.78	-6881.32	-1432.19	0.00	NIOBRARA A CHALK



Planned Wellpath Report

SHOOK 3-10-1NAH PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION

Operator	PETROSHARE	Slot	SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03)
Area	COLORADO	Well	SHOOK 3-10-1NAH
Field	ADAMS COUNTY (NAD83/ TRUE NORTH)	Wellbore	SHOOK 3-10-1NAH PWB
Facility	SEC.03-T1S-R67W		

WELLPATH DATA (136 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
12676.91	90.000	179.746	7399.00 ²	7028.78	-6881.32	-1432.19	0.00	End of Tangent

HOLE & CASING SECTIONS - Ref Wellbore: SHOOK 3-10-1NAH PWB Ref Wellpath: SHOOK 3-10-1NAH PWP (REV-A.0)

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	16.00	800.00	784.00	16.00	800.00	0.00	0.00	0.00	0.00
9.625in Casing Surface	16.00	800.00	784.00	16.00	800.00	0.00	0.00	0.00	0.00
8.5in Open Hole	800.00	12676.91	11876.91	800.00	7399.00	0.00	0.00	-6881.32	-1432.19
5.5in Casing Production	16.00	12676.91	12660.91	16.00	7399.00	0.00	0.00	-6881.32	-1432.19

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
SEC.03-T1S-R67W		0.00	0.00	-58.84	3175478.75	1240632.48	39°59'31.992"N	104°52'25.320"W	polygon
SEC.10-T1S-R67W		0.00	0.00	-58.84	3175478.75	1240632.48	39°59'31.992"N	104°52'25.320"W	polygon
2) SHOOK 3-10-1NAH BHL ON PLAT (460'FSL & 1608'FWL, SEC.10)	12676.91	7399.00	-6881.32	-1432.19	3174154.10	1233741.86	39°58'23.988"N	104°52'42.960"W	point
1) SHOOK 3-10-1NAH LP ON PLAT (460'FNL & 1608'FWL, SEC.10)	8316.37	7399.00	-2520.82	-1451.56	3174103.93	1238101.97	39°59'07.080"N	104°52'43.212"W	point
SEC.10-T1S-R67W (460'SETBACK)		7841.00	0.00	-58.84	3175478.75	1240632.48	39°59'31.992"N	104°52'25.320"W	polygon

SURVEY PROGRAM - Ref Wellbore: SHOOK 3-10-1NAH PWB Ref Wellpath: SHOOK 3-10-1NAH PWP (REV-A.0)

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	12676.91	Custom NaviTrak (Standard) (Rockies 0.03Gt model)		SHOOK 3-10-1NAH PWB



Planned Wellpath Report

SHOOK 3-10-1NAH PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION

Operator	PETROSHARE	Slot	SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03)
Area	COLORADO	Well	SHOOK 3-10-1NAH
Field	ADAMS COUNTY (NAD83/ TRUE NORTH)	Wellbore	SHOOK 3-10-1NAH PWB
Facility	SEC.03-T1S-R67W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
745.00	0.000	214.145	745.00	FOX HILLS
5188.62	28.483	214.145	4905.00	SUSSEX/SHANNON
12676.91	90.000	179.746	7399.00	NIOBRARA A CHALK

DESIGN COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
16.00	0.000	214.145	16.00	Tie On
1900.00	0.000	214.145	1900.00	End of Tangent
3324.17	28.483	214.145	3266.23	End of Build
7648.09	28.483	214.145	7066.76	End of Tangent
8316.37	90.000	179.746	7399.00	End of 3D Arc
12676.91	90.000	179.746	7399.00	End of Tangent