

# SRC ENERGY

Location: COLORADO Slot: SLOT#09 TROUDT 8C-23-M (760'FNL & 1715'FWL, SEC.27)  
Field: WELD COUNTY (NAD83, TRUE NORTH) Well: TROUDT 8C-23-M  
Facility: SEC.27-T06N-R66W Wellbore: TROUDT 8C-23-M PWB

Plot reference wellpath is TROUDT 8C-23-M PWP (REV-A.0)	Grid System: NAD83 / Lambert Colorado SP, Northern Zone (501), US feet
True vertical depths are referenced to PD 562 (25) (RKB)	" = Wellpath was transformed from a different geodetic datum
Measured depths are referenced to PD 562 (25) (RKB)	North Reference: True north
PD 562 (25) (RKB) to Mean Sea Level: 4744 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: SLOT#09 TROUDT 8C-23-M (760'FNL & 1715'FWL, SEC.27): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: dodianna on 2017-09-18
	Database: WellArchitectDB

## Location Information

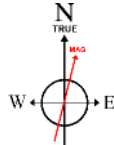
Facility Name				Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SEC.27-T06N-R66W				3203773.744	1412932.710	40°27'52.531"N	104°46'03.497"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	
SLOT#09 TROUDT 8C-23-M (760'FNL & 1715'FWL, SEC.27	0.00	119.93	3203993.664	1412933.701	40°27'52.531"N	104°46'01.945"W	
PD 562 (25) (RKB) to Mud line (At Slot: SLOT#09 TROUDT 8C-23-M (760'FNL & 1715'FWL, SEC.27)						4744ft	
Mean Sea Level to Mud line (At Slot: SLOT#09 TROUDT 8C-23-M (760'FNL & 1715'FWL, SEC.27)						0ft	
PD 562 (25) (RKB) to Mean Sea Level						4744ft	

## Survey Program

Start MD (ft)	End MD (ft)	Tool	Model	Log Name/Comment	Wellbore
25.00	1750.00	BHI NavTrak	Custom BHI NavTrak (Standard Rotating-Axial Cor) (Rockies 0.03Gt model)		TROUDT 8C-23-M PWB
1750.00	15072.98	BHI AutoTrak Curve	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		TROUDT 8C-23-M PWB

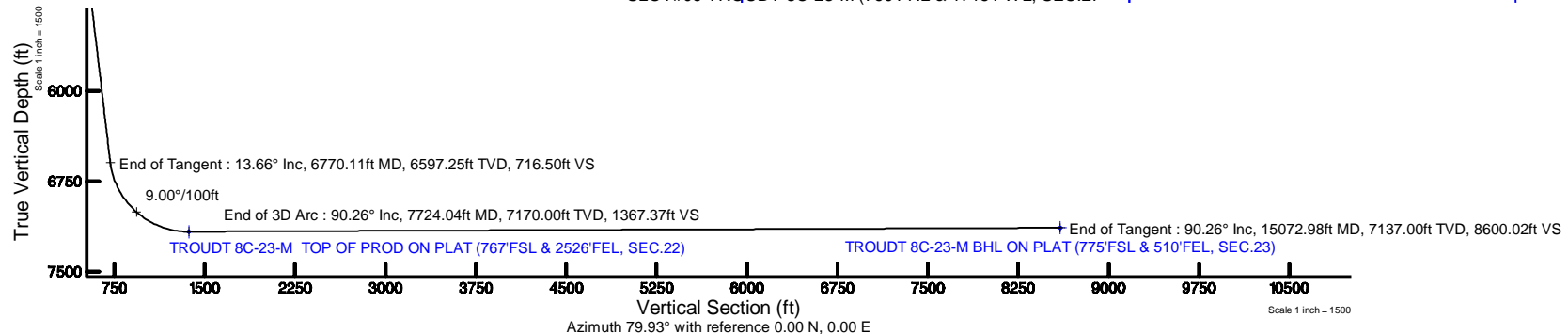


SRC ENERGY



BGGM (1900.0 to 2019.0) Dip: 66.90° Field: 52426.1 nT  
Magnetic North is 8.37 degrees East of True North (at 8/31/2017)

To correct azimuth from Magnetic to True add 8.37 degrees



## Targets

Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SEC.28-T06N-R66W		0.00	0.00	-119.93	3203773.74	1412932.71	40°27'52.531"N	104°46'03.497"W
SEC.22-T06N-R66W		1.00	1412.74	-8129.07	3195753.51	1414279.17	40°28'06.478"N	104°47'47.123"W
SEC.23-T06N-R66W		1.00	4231.29	-1987.24	3201871.60	1417148.27	40°28'34.342"N	104°46'27.660"W
SEC.26-T06N-R66W		1.00	-4763.04	555.24	3204488.23	1408175.60	40°27'05.465"N	104°45'54.763"W
SEC.27-T06N-R66W		1.00	-4763.04	555.24	3204488.23	1408175.60	40°27'05.465"N	104°45'54.763"W
TROUDT 8C-23-M BHL ON PLAT (775'FSL & 510'FEL, SEC.23)	15072.98	7137.00	1503.17	8467.64	321348.27	1414506.73	40°28'07.370"N	104°44'12.386"W
TROUDT 8C-23-M TOP OF PROD ON PLAT (767'FSL & 2526'FEL, SEC.22)	7724.04	7170.00	1520.68	1118.80	3204999.81	1414463.52	40°28'07.558"N	104°45'47.470"W

## 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	25.00	1750.00	1725.00	25.00	1719.04	0.00	0.00	270.01	93.42	TROUDT 8C-23-M PWB
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1719.04	0.00	0.00	270.01	93.42	TROUDT 8C-23-M PWB
8.5in Open Hole	1750.00	15072.98	13322.98	1719.04	N/A	270.01	93.42	N/A	N/A	TROUDT 8C-23-M PWB

## Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	25.00	0.000	19.086	25.00	0.00	0.00	0.00	0.00
End of Tangent	200.00	0.000	19.086	200.00	0.00	0.00	0.00	0.00
End of Build	882.76	13.655	19.086	876.31	76.52	26.48	2.00	39.45
End of Tangent	6770.11	13.655	19.086	6597.25	1389.99	480.95	0.00	716.50
End of 3D Arc	7724.04	90.257	90.137	7170.00	1520.68	1118.80	9.00	1367.37
End of Tangent	15072.98	90.257	90.137	7137.00	1503.17	8467.64	0.00	8600.02

## TROUDT\_8C-23-M\_PWP\_\_REV-A.0\_.las

## ~VERSION INFORMATION

VERS. 2.0 : CWLS LOG ASCII STANDARD-VERSION 2.0

WRAP. NO : ASCII DATA SECTION CONTAINS ONE ROW PER WELLPATH STATION

## ~WELL INFORMATION

#MNEM	.UNITS	DATA	:DESCRIPTION
#----	.-----	----	:-----
STRT	.ft	0.00	:START MD
STOP	.ft	15072.98	:STOP MD
STEP	.ft	0.0	:STEP (non-uniform increment)
NULL	.	-999.99	:NULL
COMP	.	SRC ENERGY	:OPERATOR
WELL	.	TROUDT 8C-23-M	:WELL
FLD	.	WELD COUNTY (NAD83,TRUE NORTH)	:FIELD
LOC	.	COLORADO	:AREA (aka: Location)
CNTY	.	N/A	:COUNTY
STAT	.	N/A	:STATE
CTRY	.	N/A	:COUNTRY
SRVC	.	Baker Hughes	:CONTRACTOR
DATE	.	09/05/2017	:LOG REV DATE
API	.		:API NUMBER

## ~OTHER INFORMATION

#Software: WellArchitect(R) Version 5.0

#MNEM	.UNITS	DATA	:DESCRIPTION
#----	.-----	----	:-----
WPTYPE	.	PLANNED WELLPATH	:WELLPATH TYPE
FACILITY	.	SEC.27-T06N-R66W	:FACILITY
SLOT	.	SLOT#09 TROUDT 8C-23-M (760'FNL & 1715'FWL, SEC.27:SLOT	
WELLBORE	.	TROUDT 8C-23-M PWB	:WELLBORE
WELLPATH	.	TROUDT 8C-23-M PWP (REV-A.0)	:WELLPATH
MDREFPT	.	PD 562 (25') (RKB)	:MD REFERENCE POINT
TVDREFPT	.	PD 562 (25') (RKB)	:TVD REFERENCE POINT
LCLREFPT	.	Slot	:LOCAL COORDINATE REFERENCE PT

## TROUDT\_8C-23-M\_PWP\_\_REV-A.0\_.las

VSAZIMUTH.deg	79.93	:VERTICAL SECTION AZIMUTH
VSORIGN .ft	0.00	:VERTICAL SECTION ORIGIN NORTH
VSORIGE .ft	0.00	:VERTICAL SECTION ORIGIN EAST

## ~CURVE (WELLPATH) INFORMATION

#MNEM	.UNITS	:DESCRIPTION
#----	.-----	:-----
DEPT	.ft	:MEASURED DEPTH
INC	.deg	:INCLINATION
AZI	.deg	:AZIMUTH
TVD	.ft	:TRUE VERTICAL DEPTH
SECT	.ft	:CROSS SECTION (CURTAIN/VERTICAL)
LOCALN	.ft	:LOCAL NORTH
LOCALE	.ft	:LOCAL EAST
LAT	.deg	:LATITUDE
LONG	.deg	:LONGITUDE
DLS	.deg/100ft	:DOGLEG SEVERITY

## ~ASCII DATA

0.00	0.00	19.09	0.00	0.00	0.00	0.00	40.4645920	-104.7672070	0.00
25.00	0.00	19.09	25.00	0.00	0.00	0.00	40.4645920	-104.7672070	0.00
125.00	0.00	19.09	125.00	0.00	0.00	0.00	40.4645920	-104.7672070	0.00
200.00	0.00	19.09	200.00	0.00	0.00	0.00	40.4645920	-104.7672070	0.00
225.00	0.50	19.09	225.00	0.05	0.10	0.04	40.4645923	-104.7672069	2.00
325.00	2.50	19.09	324.96	1.33	2.58	0.89	40.4645991	-104.7672038	2.00
425.00	4.50	19.09	424.77	4.30	8.35	2.89	40.4646149	-104.7671966	2.00
525.00	6.50	19.09	524.30	8.97	17.40	6.02	40.4646398	-104.7671854	2.00
625.00	8.50	19.09	623.44	15.33	29.74	10.29	40.4646736	-104.7671700	2.00
725.00	10.50	19.09	722.07	23.37	45.33	15.69	40.4647164	-104.7671506	2.00
825.00	12.50	19.09	820.05	33.08	64.17	22.20	40.4647681	-104.7671272	2.00
882.76	13.66	19.09	876.31	39.45	76.52	26.48	40.4648020	-104.7671118	2.00
925.00	13.66	19.09	917.36	44.30	85.95	29.74	40.4648279	-104.7671001	0.00
1025.00	13.66	19.09	1014.53	55.80	108.26	37.46	40.4648892	-104.7670724	0.00
1125.00	13.66	19.09	1111.71	67.30	130.57	45.18	40.4649504	-104.7670446	0.00

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1225.00	13.66	19.09	1208.88	78.80	152.88	52.90	40.4650116	-104.7670169	0.00
1325.00	13.66	19.09	1306.05	90.30	175.19	60.62	40.4650729	-104.7669892	0.00
1425.00	13.66	19.09	1403.23	101.80	197.50	68.34	40.4651341	-104.7669614	0.00
1525.00	13.66	19.09	1500.40	113.30	219.81	76.06	40.4651953	-104.7669337	0.00
1625.00	13.66	19.09	1597.57	124.80	242.12	83.78	40.4652566	-104.7669059	0.00
1725.00	13.66	19.09	1694.75	136.30	264.43	91.50	40.4653178	-104.7668782	0.00
1825.00	13.66	19.09	1791.92	147.81	286.74	99.21	40.4653791	-104.7668504	0.00
1925.00	13.66	19.09	1889.10	159.31	309.05	106.93	40.4654403	-104.7668227	0.00
2025.00	13.66	19.09	1986.27	170.81	331.36	114.65	40.4655015	-104.7667950	0.00
2125.00	13.66	19.09	2083.44	182.31	353.67	122.37	40.4655628	-104.7667672	0.00
2225.00	13.66	19.09	2180.62	193.81	375.98	130.09	40.4656240	-104.7667395	0.00
2325.00	13.66	19.09	2277.79	205.31	398.29	137.81	40.4656852	-104.7667117	0.00
2425.00	13.66	19.09	2374.96	216.81	420.60	145.53	40.4657465	-104.7666840	0.00
2525.00	13.66	19.09	2472.14	228.31	442.91	153.25	40.4658077	-104.7666562	0.00
2625.00	13.66	19.09	2569.31	239.81	465.22	160.97	40.4658690	-104.7666285	0.00
2725.00	13.66	19.09	2666.48	251.31	487.53	168.69	40.4659302	-104.7666007	0.00
2825.00	13.66	19.09	2763.66	262.81	509.84	176.41	40.4659914	-104.7665730	0.00
2925.00	13.66	19.09	2860.83	274.31	532.15	184.13	40.4660527	-104.7665453	0.00
3025.00	13.66	19.09	2958.00	285.81	554.46	191.85	40.4661139	-104.7665175	0.00
3125.00	13.66	19.09	3055.18	297.31	576.77	199.57	40.4661751	-104.7664898	0.00
3225.00	13.66	19.09	3152.35	308.81	599.08	207.29	40.4662364	-104.7664620	0.00
3325.00	13.66	19.09	3249.52	320.31	621.39	215.01	40.4662976	-104.7664343	0.00
3425.00	13.66	19.09	3346.70	331.81	643.70	222.73	40.4663589	-104.7664065	0.00
3525.00	13.66	19.09	3443.87	343.31	666.01	230.45	40.4664201	-104.7663788	0.00
3625.00	13.66	19.09	3541.04	354.81	688.32	238.17	40.4664813	-104.7663511	0.00
3725.00	13.66	19.09	3638.22	366.31	710.63	245.88	40.4665426	-104.7663233	0.00
3825.00	13.66	19.09	3735.39	377.81	732.94	253.60	40.4666038	-104.7662956	0.00
3925.00	13.66	19.09	3832.56	389.31	755.25	261.32	40.4666650	-104.7662678	0.00
4025.00	13.66	19.09	3929.74	400.81	777.56	269.04	40.4667263	-104.7662401	0.00
4125.00	13.66	19.09	4026.91	412.31	799.87	276.76	40.4667875	-104.7662123	0.00
4225.00	13.66	19.09	4124.08	423.81	822.18	284.48	40.4668488	-104.7661846	0.00
4325.00	13.66	19.09	4221.26	435.31	844.49	292.20	40.4669100	-104.7661568	0.00
4425.00	13.66	19.09	4318.43	446.81	866.80	299.92	40.4669712	-104.7661291	0.00
4525.00	13.66	19.09	4415.60	458.31	889.11	307.64	40.4670325	-104.7661014	0.00

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4625.00	13.66	19.09	4512.78	469.81	911.42	315.36	40.4670937	-104.7660736	0.00
4725.00	13.66	19.09	4609.95	481.31	933.72	323.08	40.4671549	-104.7660459	0.00
4825.00	13.66	19.09	4707.13	492.81	956.03	330.80	40.4672162	-104.7660181	0.00
4925.00	13.66	19.09	4804.30	504.31	978.34	338.52	40.4672774	-104.7659904	0.00
5025.00	13.66	19.09	4901.47	515.81	1000.65	346.24	40.4673387	-104.7659626	0.00
5125.00	13.66	19.09	4998.65	527.31	1022.96	353.96	40.4673999	-104.7659349	0.00
5225.00	13.66	19.09	5095.82	538.81	1045.27	361.68	40.4674611	-104.7659071	0.00
5325.00	13.66	19.09	5192.99	550.31	1067.58	369.40	40.4675224	-104.7658794	0.00
5425.00	13.66	19.09	5290.17	561.81	1089.89	377.12	40.4675836	-104.7658517	0.00
5525.00	13.66	19.09	5387.34	573.31	1112.20	384.84	40.4676448	-104.7658239	0.00
5625.00	13.66	19.09	5484.51	584.81	1134.51	392.56	40.4677061	-104.7657962	0.00
5725.00	13.66	19.09	5581.69	596.31	1156.82	400.27	40.4677673	-104.7657684	0.00
5825.00	13.66	19.09	5678.86	607.81	1179.13	407.99	40.4678286	-104.7657407	0.00
5925.00	13.66	19.09	5776.03	619.31	1201.44	415.71	40.4678898	-104.7657129	0.00
6025.00	13.66	19.09	5873.21	630.81	1223.75	423.43	40.4679510	-104.7656852	0.00
6125.00	13.66	19.09	5970.38	642.31	1246.06	431.15	40.4680123	-104.7656574	0.00
6225.00	13.66	19.09	6067.55	653.81	1268.37	438.87	40.4680735	-104.7656297	0.00
6325.00	13.66	19.09	6164.73	665.31	1290.68	446.59	40.4681347	-104.7656019	0.00
6425.00	13.66	19.09	6261.90	676.81	1312.99	454.31	40.4681960	-104.7655742	0.00
6525.00	13.66	19.09	6359.07	688.31	1335.30	462.03	40.4682572	-104.7655465	0.00
6625.00	13.66	19.09	6456.25	699.81	1357.61	469.75	40.4683185	-104.7655187	0.00
6725.00	13.66	19.09	6553.42	711.31	1379.92	477.47	40.4683797	-104.7654910	0.00
6770.11	13.66	19.09	6597.25	716.50	1389.99	480.95	40.4684073	-104.7654785	0.00
6825.00	15.92	36.41	6650.35	725.12	1402.17	487.54	40.4684408	-104.7654548	9.00
6925.00	22.32	56.06	6744.88	752.48	1423.86	511.48	40.4685003	-104.7653687	9.00
7025.00	30.04	66.67	6834.60	794.30	1444.41	550.31	40.4685567	-104.7652292	9.00
7125.00	38.28	73.16	6917.30	849.53	1463.34	603.05	40.4686086	-104.7650396	9.00
7225.00	46.77	77.61	6990.95	916.83	1480.16	668.41	40.4686548	-104.7648047	9.00
7325.00	55.39	80.96	7053.73	994.54	1494.48	744.79	40.4686941	-104.7645302	9.00
7425.00	64.08	83.67	7104.09	1080.73	1505.93	830.30	40.4687255	-104.7642229	9.00
7525.00	72.81	86.00	7140.80	1173.30	1514.24	922.83	40.4687483	-104.7638903	9.00
7625.00	81.57	88.13	7162.95	1269.95	1519.20	1020.12	40.4687619	-104.7635407	9.00
7724.04	90.26	90.14	7170.00	1367.37	1520.68	1118.80	40.4687660	-104.7631860	9.00
7725.00	90.26	90.14	7170.00	1368.31	1520.68	1119.76	40.4687660	-104.7631826	0.00

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7825.00	90.26	90.14	7169.55	1466.73	1520.44	1219.75	40.4687653	-104.7628232	0.00
7925.00	90.26	90.14	7169.10	1565.15	1520.20	1319.75	40.4687647	-104.7624638	0.00
8025.00	90.26	90.14	7168.65	1663.57	1519.96	1419.75	40.4687640	-104.7621044	0.00
8125.00	90.26	90.14	7168.20	1761.98	1519.73	1519.75	40.4687633	-104.7617450	0.00
8225.00	90.26	90.14	7167.75	1860.40	1519.49	1619.75	40.4687626	-104.7613856	0.00
8325.00	90.26	90.14	7167.30	1958.82	1519.25	1719.75	40.4687620	-104.7610262	0.00
8425.00	90.26	90.14	7166.85	2057.24	1519.01	1819.75	40.4687613	-104.7606668	0.00
8525.00	90.26	90.14	7166.40	2155.65	1518.77	1919.75	40.4687606	-104.7603074	0.00
8625.00	90.26	90.14	7165.95	2254.07	1518.53	2019.74	40.4687599	-104.7599480	0.00
8725.00	90.26	90.14	7165.51	2352.49	1518.30	2119.74	40.4687593	-104.7595886	0.00
8825.00	90.26	90.14	7165.06	2450.91	1518.06	2219.74	40.4687586	-104.7592292	0.00
8925.00	90.26	90.14	7164.61	2549.32	1517.82	2319.74	40.4687579	-104.7588698	0.00
9025.00	90.26	90.14	7164.16	2647.74	1517.58	2419.74	40.4687572	-104.7585104	0.00
9125.00	90.26	90.14	7163.71	2746.16	1517.34	2519.74	40.4687566	-104.7581510	0.00
9225.00	90.26	90.14	7163.26	2844.58	1517.10	2619.74	40.4687559	-104.7577916	0.00
9325.00	90.26	90.14	7162.81	2943.00	1516.87	2719.73	40.4687552	-104.7574322	0.00
9425.00	90.26	90.14	7162.36	3041.41	1516.63	2819.73	40.4687545	-104.7570728	0.00
9525.00	90.26	90.14	7161.91	3139.83	1516.39	2919.73	40.4687538	-104.7567134	0.00
9625.00	90.26	90.14	7161.46	3238.25	1516.15	3019.73	40.4687531	-104.7563540	0.00
9725.00	90.26	90.14	7161.01	3336.67	1515.91	3119.73	40.4687524	-104.7559946	0.00
9825.00	90.26	90.14	7160.57	3435.08	1515.67	3219.73	40.4687517	-104.7556352	0.00
9925.00	90.26	90.14	7160.12	3533.50	1515.44	3319.73	40.4687511	-104.7552758	0.00
10025.00	90.26	90.14	7159.67	3631.92	1515.20	3419.73	40.4687504	-104.7549164	0.00
10125.00	90.26	90.14	7159.22	3730.34	1514.96	3519.72	40.4687497	-104.7545570	0.00
10225.00	90.26	90.14	7158.77	3828.76	1514.72	3619.72	40.4687490	-104.7541976	0.00
10325.00	90.26	90.14	7158.32	3927.17	1514.48	3719.72	40.4687483	-104.7538382	0.00
10425.00	90.26	90.14	7157.87	4025.59	1514.24	3819.72	40.4687476	-104.7534788	0.00
10525.00	90.26	90.14	7157.42	4124.01	1514.01	3919.72	40.4687469	-104.7531194	0.00
10625.00	90.26	90.14	7156.97	4222.43	1513.77	4019.72	40.4687462	-104.7527600	0.00
10725.00	90.26	90.14	7156.52	4320.84	1513.53	4119.72	40.4687455	-104.7524006	0.00
10825.00	90.26	90.14	7156.08	4419.26	1513.29	4219.72	40.4687448	-104.7520412	0.00
10925.00	90.26	90.14	7155.63	4517.68	1513.05	4319.71	40.4687441	-104.7516818	0.00
11025.00	90.26	90.14	7155.18	4616.10	1512.81	4419.71	40.4687434	-104.7513224	0.00
11125.00	90.26	90.14	7154.73	4714.51	1512.58	4519.71	40.4687427	-104.7509630	0.00

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11225.00	90.26	90.14	7154.28	4812.93	1512.34	4619.71	40.4687420	-104.7506036	0.00
11325.00	90.26	90.14	7153.83	4911.35	1512.10	4719.71	40.4687413	-104.7502442	0.00
11425.00	90.26	90.14	7153.38	5009.77	1511.86	4819.71	40.4687406	-104.7498848	0.00
11525.00	90.26	90.14	7152.93	5108.19	1511.62	4919.71	40.4687399	-104.7495254	0.00
11625.00	90.26	90.14	7152.48	5206.60	1511.38	5019.71	40.4687391	-104.7491660	0.00
11725.00	90.26	90.14	7152.03	5305.02	1511.15	5119.70	40.4687384	-104.7488066	0.00
11825.00	90.26	90.14	7151.58	5403.44	1510.91	5219.70	40.4687377	-104.7484472	0.00
11925.00	90.26	90.14	7151.14	5501.86	1510.67	5319.70	40.4687370	-104.7480878	0.00
12025.00	90.26	90.14	7150.69	5600.27	1510.43	5419.70	40.4687363	-104.7477284	0.00
12125.00	90.26	90.14	7150.24	5698.69	1510.19	5519.70	40.4687356	-104.7473690	0.00
12225.00	90.26	90.14	7149.79	5797.11	1509.95	5619.70	40.4687349	-104.7470096	0.00
12325.00	90.26	90.14	7149.34	5895.53	1509.72	5719.70	40.4687341	-104.7466502	0.00
12425.00	90.26	90.14	7148.89	5993.94	1509.48	5819.69	40.4687334	-104.7462908	0.00
12525.00	90.26	90.14	7148.44	6092.36	1509.24	5919.69	40.4687327	-104.7459314	0.00
12625.00	90.26	90.14	7147.99	6190.78	1509.00	6019.69	40.4687320	-104.7455720	0.00
12725.00	90.26	90.14	7147.54	6289.20	1508.76	6119.69	40.4687313	-104.7452126	0.00
12825.00	90.26	90.14	7147.09	6387.62	1508.52	6219.69	40.4687305	-104.7448532	0.00
12925.00	90.26	90.14	7146.65	6486.03	1508.28	6319.69	40.4687298	-104.7444938	0.00
13025.00	90.26	90.14	7146.20	6584.45	1508.05	6419.69	40.4687291	-104.7441344	0.00
13125.00	90.26	90.14	7145.75	6682.87	1507.81	6519.69	40.4687284	-104.7437750	0.00
13225.00	90.26	90.14	7145.30	6781.29	1507.57	6619.68	40.4687276	-104.7434156	0.00
13325.00	90.26	90.14	7144.85	6879.70	1507.33	6719.68	40.4687269	-104.7430562	0.00
13425.00	90.26	90.14	7144.40	6978.12	1507.09	6819.68	40.4687262	-104.7426968	0.00
13525.00	90.26	90.14	7143.95	7076.54	1506.85	6919.68	40.4687255	-104.7423374	0.00
13625.00	90.26	90.14	7143.50	7174.96	1506.62	7019.68	40.4687247	-104.7419780	0.00
13725.00	90.26	90.14	7143.05	7273.37	1506.38	7119.68	40.4687240	-104.7416186	0.00
13825.00	90.26	90.14	7142.60	7371.79	1506.14	7219.68	40.4687233	-104.7412592	0.00
13925.00	90.26	90.14	7142.15	7470.21	1505.90	7319.68	40.4687225	-104.7408998	0.00
14025.00	90.26	90.14	7141.71	7568.63	1505.66	7419.67	40.4687218	-104.7405404	0.00
14125.00	90.26	90.14	7141.26	7667.05	1505.42	7519.67	40.4687210	-104.7401810	0.00
14225.00	90.26	90.14	7140.81	7765.46	1505.19	7619.67	40.4687203	-104.7398216	0.00
14325.00	90.26	90.14	7140.36	7863.88	1504.95	7719.67	40.4687196	-104.7394622	0.00
14425.00	90.26	90.14	7139.91	7962.30	1504.71	7819.67	40.4687188	-104.7391028	0.00
14525.00	90.26	90.14	7139.46	8060.72	1504.47	7919.67	40.4687181	-104.7387434	0.00

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14625.00	90.26	90.14	7139.01	8159.13	1504.23	8019.67	40.4687173	-104.7383840	0.00
14725.00	90.26	90.14	7138.56	8257.55	1503.99	8119.67	40.4687166	-104.7380246	0.00
14825.00	90.26	90.14	7138.11	8355.97	1503.76	8219.66	40.4687159	-104.7376652	0.00
14925.00	90.26	90.14	7137.66	8454.39	1503.52	8319.66	40.4687151	-104.7373058	0.00
15025.00	90.26	90.14	7137.22	8552.80	1503.28	8419.66	40.4687144	-104.7369464	0.00
15072.98	90.26	90.14	7137.00	8600.02	1503.17	8467.64	40.4687140	-104.7367740	0.00





# Planned Wellpath Report

TROUDT 8C-23-M PWP (REV-A.0)

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 TROUDT 8C-23-M (760'FNL & 1715'FWL, SEC.27
Area	COLORADO	Well	TROUDT 8C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 8C-23-M PWB
Facility	SEC.27-T06N-R66W		

## REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 5.0
North Reference	True	User	Doddanna
Scale	0.999964	Report Generated	9/18/2017 at 2:07:12 PM
Convergence at slot	0.47° East	Database/Source file	WellArchitectDB/TROUDT_8C-23-M_PWP__REV-A.0_.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	119.93	3203893.66	1412933.70	40°27'52.531"N	104°46'01.945"W
Facility Reference Pt			3203773.74	1412932.71	40°27'52.531"N	104°46'03.497"W
Field Reference Pt			3171284.48	1426358.81	40°30'07.643"N	104°53'02.634"W

## WELLPATH DATUM

Calculation method	Minimum curvature	PD 562 (25') (RKB) to Facility Vertical Datum	4744.00ft
Horizontal Reference Pt	Slot	PD 562 (25') (RKB) to Mean Sea Level	4744.00ft
Vertical Reference Pt	PD 562 (25') (RKB)	PD 562 (25') (RKB) to Mud Line at Slot (SLOT#09 TROUDT 8C-23-M (760'FNL & 1715'FWL, SEC.27)	4744.00ft
MD Reference Pt	PD 562 (25') (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	79.93°



# Planned Wellpath Report

TROUDT 8C-23-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 TROUDT 8C-23-M (760'FNL & 1715'FWL, SEC.27
Area	COLORADO	Well	TROUDT 8C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 8C-23-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (157 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	19.086	0.00	0.00	0.00	0.00	0.00	
25.00	0.000	19.086	25.00	0.00	0.00	0.00	0.00	Tie On
125.00†	0.000	19.086	125.00	0.00	0.00	0.00	0.00	
200.00	0.000	19.086	200.00	0.00	0.00	0.00	0.00	End of Tangent
225.00†	0.500	19.086	225.00	0.05	0.10	0.04	2.00	
325.00†	2.500	19.086	324.96	1.33	2.58	0.89	2.00	
425.00†	4.500	19.086	424.77	4.30	8.35	2.89	2.00	
525.00†	6.500	19.086	524.30	8.97	17.40	6.02	2.00	
625.00†	8.500	19.086	623.44	15.33	29.74	10.29	2.00	
725.00†	10.500	19.086	722.07	23.37	45.33	15.69	2.00	
825.00†	12.500	19.086	820.05	33.08	64.17	22.20	2.00	
882.76	13.655	19.086	876.31	39.45	76.52	26.48	2.00	End of Build
925.00†	13.655	19.086	917.36	44.30	85.95	29.74	0.00	
1025.00†	13.655	19.086	1014.53	55.80	108.26	37.46	0.00	
1125.00†	13.655	19.086	1111.71	67.30	130.57	45.18	0.00	
1225.00†	13.655	19.086	1208.88	78.80	152.88	52.90	0.00	
1325.00†	13.655	19.086	1306.05	90.30	175.19	60.62	0.00	
1425.00†	13.655	19.086	1403.23	101.80	197.50	68.34	0.00	
1525.00†	13.655	19.086	1500.40	113.30	219.81	76.06	0.00	
1625.00†	13.655	19.086	1597.57	124.80	242.12	83.78	0.00	
1725.00†	13.655	19.086	1694.75	136.30	264.43	91.50	0.00	
1825.00†	13.655	19.086	1791.92	147.81	286.74	99.21	0.00	
1925.00†	13.655	19.086	1889.10	159.31	309.05	106.93	0.00	
2025.00†	13.655	19.086	1986.27	170.81	331.36	114.65	0.00	
2125.00†	13.655	19.086	2083.44	182.31	353.67	122.37	0.00	
2225.00†	13.655	19.086	2180.62	193.81	375.98	130.09	0.00	
2325.00†	13.655	19.086	2277.79	205.31	398.29	137.81	0.00	
2425.00†	13.655	19.086	2374.96	216.81	420.60	145.53	0.00	
2525.00†	13.655	19.086	2472.14	228.31	442.91	153.25	0.00	
2625.00†	13.655	19.086	2569.31	239.81	465.22	160.97	0.00	



# Planned Wellpath Report

TROUDT 8C-23-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 TROUDT 8C-23-M (760'FNL & 1715'FWL, SEC.27
Area	COLORADO	Well	TROUDT 8C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 8C-23-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (157 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
2725.00†	13.655	19.086	2666.48	251.31	487.53	168.69	0.00	
2825.00†	13.655	19.086	2763.66	262.81	509.84	176.41	0.00	
2925.00†	13.655	19.086	2860.83	274.31	532.15	184.13	0.00	
3025.00†	13.655	19.086	2958.00	285.81	554.46	191.85	0.00	
3125.00†	13.655	19.086	3055.18	297.31	576.77	199.57	0.00	
3225.00†	13.655	19.086	3152.35	308.81	599.08	207.29	0.00	
3325.00†	13.655	19.086	3249.52	320.31	621.39	215.01	0.00	
3425.00†	13.655	19.086	3346.70	331.81	643.70	222.73	0.00	
3525.00†	13.655	19.086	3443.87	343.31	666.01	230.45	0.00	
3625.00†	13.655	19.086	3541.04	354.81	688.32	238.17	0.00	
3725.00†	13.655	19.086	3638.22	366.31	710.63	245.88	0.00	
3825.00†	13.655	19.086	3735.39	377.81	732.94	253.60	0.00	
3925.00†	13.655	19.086	3832.56	389.31	755.25	261.32	0.00	
4025.00†	13.655	19.086	3929.74	400.81	777.56	269.04	0.00	
4125.00†	13.655	19.086	4026.91	412.31	799.87	276.76	0.00	
4225.00†	13.655	19.086	4124.08	423.81	822.18	284.48	0.00	
4325.00†	13.655	19.086	4221.26	435.31	844.49	292.20	0.00	
4425.00†	13.655	19.086	4318.43	446.81	866.80	299.92	0.00	
4525.00†	13.655	19.086	4415.60	458.31	889.11	307.64	0.00	
4625.00†	13.655	19.086	4512.78	469.81	911.42	315.36	0.00	
4725.00†	13.655	19.086	4609.95	481.31	933.72	323.08	0.00	
4825.00†	13.655	19.086	4707.13	492.81	956.03	330.80	0.00	
4925.00†	13.655	19.086	4804.30	504.31	978.34	338.52	0.00	
5025.00†	13.655	19.086	4901.47	515.81	1000.65	346.24	0.00	
5125.00†	13.655	19.086	4998.65	527.31	1022.96	353.96	0.00	
5225.00†	13.655	19.086	5095.82	538.81	1045.27	361.68	0.00	
5325.00†	13.655	19.086	5192.99	550.31	1067.58	369.40	0.00	
5425.00†	13.655	19.086	5290.17	561.81	1089.89	377.12	0.00	
5525.00†	13.655	19.086	5387.34	573.31	1112.20	384.84	0.00	
5625.00†	13.655	19.086	5484.51	584.81	1134.51	392.56	0.00	



# Planned Wellpath Report

TROUDT 8C-23-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 TROUDT 8C-23-M (760'FNL & 1715'FWL, SEC.27
Area	COLORADO	Well	TROUDT 8C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 8C-23-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (157 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
5725.00†	13.655	19.086	5581.69	596.31	1156.82	400.27	0.00	
5825.00†	13.655	19.086	5678.86	607.81	1179.13	407.99	0.00	
5925.00†	13.655	19.086	5776.03	619.31	1201.44	415.71	0.00	
6025.00†	13.655	19.086	5873.21	630.81	1223.75	423.43	0.00	
6125.00†	13.655	19.086	5970.38	642.31	1246.06	431.15	0.00	
6225.00†	13.655	19.086	6067.55	653.81	1268.37	438.87	0.00	
6325.00†	13.655	19.086	6164.73	665.31	1290.68	446.59	0.00	
6425.00†	13.655	19.086	6261.90	676.81	1312.99	454.31	0.00	
6525.00†	13.655	19.086	6359.07	688.31	1335.30	462.03	0.00	
6625.00†	13.655	19.086	6456.25	699.81	1357.61	469.75	0.00	
6725.00†	13.655	19.086	6553.42	711.31	1379.92	477.47	0.00	
6770.11	13.655	19.086	6597.25	716.50	1389.99	480.95	0.00	End of Tangent
6825.00†	15.915	36.413	6650.35	725.12	1402.17	487.54	9.00	
6925.00†	22.323	56.061	6744.88	752.48	1423.86	511.48	9.00	
7025.00†	30.041	66.674	6834.60	794.30	1444.41	550.31	9.00	
7125.00†	38.282	73.158	6917.30	849.53	1463.34	603.05	9.00	
7225.00†	46.770	77.607	6990.95	916.83	1480.16	668.41	9.00	
7325.00†	55.387	80.956	7053.73	994.54	1494.48	744.79	9.00	
7425.00†	64.078	83.667	7104.09	1080.73	1505.93	830.30	9.00	
7525.00†	72.812	86.003	7140.80	1173.30	1514.24	922.83	9.00	
7625.00†	81.571	88.127	7162.95	1269.95	1519.20	1020.12	9.00	
7724.04	90.257	90.137	7170.00 <sup>1</sup>	1367.37	1520.68	1118.80	9.00	End of 3D Arc
7725.00†	90.257	90.137	7170.00	1368.31	1520.68	1119.76	0.00	
7825.00†	90.257	90.137	7169.55	1466.73	1520.44	1219.75	0.00	
7925.00†	90.257	90.137	7169.10	1565.15	1520.20	1319.75	0.00	
8025.00†	90.257	90.137	7168.65	1663.57	1519.96	1419.75	0.00	
8125.00†	90.257	90.137	7168.20	1761.98	1519.73	1519.75	0.00	
8225.00†	90.257	90.137	7167.75	1860.40	1519.49	1619.75	0.00	
8325.00†	90.257	90.137	7167.30	1958.82	1519.25	1719.75	0.00	
8425.00†	90.257	90.137	7166.85	2057.24	1519.01	1819.75	0.00	



# Planned Wellpath Report

TROUDT 8C-23-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 TROUDT 8C-23-M (760'FNL & 1715'FWL, SEC.27
Area	COLORADO	Well	TROUDT 8C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 8C-23-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (157 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
8525.00†	90.257	90.137	7166.40	2155.65	1518.77	1919.75	0.00	
8625.00†	90.257	90.137	7165.95	2254.07	1518.53	2019.74	0.00	
8725.00†	90.257	90.137	7165.51	2352.49	1518.30	2119.74	0.00	
8825.00†	90.257	90.137	7165.06	2450.91	1518.06	2219.74	0.00	
8925.00†	90.257	90.137	7164.61	2549.32	1517.82	2319.74	0.00	
9025.00†	90.257	90.137	7164.16	2647.74	1517.58	2419.74	0.00	
9125.00†	90.257	90.137	7163.71	2746.16	1517.34	2519.74	0.00	
9225.00†	90.257	90.137	7163.26	2844.58	1517.10	2619.74	0.00	
9325.00†	90.257	90.137	7162.81	2943.00	1516.87	2719.73	0.00	
9425.00†	90.257	90.137	7162.36	3041.41	1516.63	2819.73	0.00	
9525.00†	90.257	90.137	7161.91	3139.83	1516.39	2919.73	0.00	
9625.00†	90.257	90.137	7161.46	3238.25	1516.15	3019.73	0.00	
9725.00†	90.257	90.137	7161.01	3336.67	1515.91	3119.73	0.00	
9825.00†	90.257	90.137	7160.57	3435.08	1515.67	3219.73	0.00	
9925.00†	90.257	90.137	7160.12	3533.50	1515.44	3319.73	0.00	
10025.00†	90.257	90.137	7159.67	3631.92	1515.20	3419.73	0.00	
10125.00†	90.257	90.137	7159.22	3730.34	1514.96	3519.72	0.00	
10225.00†	90.257	90.137	7158.77	3828.76	1514.72	3619.72	0.00	
10325.00†	90.257	90.137	7158.32	3927.17	1514.48	3719.72	0.00	
10425.00†	90.257	90.137	7157.87	4025.59	1514.24	3819.72	0.00	
10525.00†	90.257	90.137	7157.42	4124.01	1514.01	3919.72	0.00	
10625.00†	90.257	90.137	7156.97	4222.43	1513.77	4019.72	0.00	
10725.00†	90.257	90.137	7156.52	4320.84	1513.53	4119.72	0.00	
10825.00†	90.257	90.137	7156.08	4419.26	1513.29	4219.72	0.00	
10925.00†	90.257	90.137	7155.63	4517.68	1513.05	4319.71	0.00	
11025.00†	90.257	90.137	7155.18	4616.10	1512.81	4419.71	0.00	
11125.00†	90.257	90.137	7154.73	4714.51	1512.58	4519.71	0.00	
11225.00†	90.257	90.137	7154.28	4812.93	1512.34	4619.71	0.00	
11325.00†	90.257	90.137	7153.83	4911.35	1512.10	4719.71	0.00	
11425.00†	90.257	90.137	7153.38	5009.77	1511.86	4819.71	0.00	



# Planned Wellpath Report

TROUDT 8C-23-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 TROUDT 8C-23-M (760'FNL & 1715'FWL, SEC.27
Area	COLORADO	Well	TROUDT 8C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 8C-23-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (157 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
11525.00†	90.257	90.137	7152.93	5108.19	1511.62	4919.71	0.00	
11625.00†	90.257	90.137	7152.48	5206.60	1511.38	5019.71	0.00	
11725.00†	90.257	90.137	7152.03	5305.02	1511.15	5119.70	0.00	
11825.00†	90.257	90.137	7151.58	5403.44	1510.91	5219.70	0.00	
11925.00†	90.257	90.137	7151.14	5501.86	1510.67	5319.70	0.00	
12025.00†	90.257	90.137	7150.69	5600.27	1510.43	5419.70	0.00	
12125.00†	90.257	90.137	7150.24	5698.69	1510.19	5519.70	0.00	
12225.00†	90.257	90.137	7149.79	5797.11	1509.95	5619.70	0.00	
12325.00†	90.257	90.137	7149.34	5895.53	1509.72	5719.70	0.00	
12425.00†	90.257	90.137	7148.89	5993.94	1509.48	5819.69	0.00	
12525.00†	90.257	90.137	7148.44	6092.36	1509.24	5919.69	0.00	
12625.00†	90.257	90.137	7147.99	6190.78	1509.00	6019.69	0.00	
12725.00†	90.257	90.137	7147.54	6289.20	1508.76	6119.69	0.00	
12825.00†	90.257	90.137	7147.09	6387.62	1508.52	6219.69	0.00	
12925.00†	90.257	90.137	7146.65	6486.03	1508.28	6319.69	0.00	
13025.00†	90.257	90.137	7146.20	6584.45	1508.05	6419.69	0.00	
13125.00†	90.257	90.137	7145.75	6682.87	1507.81	6519.69	0.00	
13225.00†	90.257	90.137	7145.30	6781.29	1507.57	6619.68	0.00	
13325.00†	90.257	90.137	7144.85	6879.70	1507.33	6719.68	0.00	
13425.00†	90.257	90.137	7144.40	6978.12	1507.09	6819.68	0.00	
13525.00†	90.257	90.137	7143.95	7076.54	1506.85	6919.68	0.00	
13625.00†	90.257	90.137	7143.50	7174.96	1506.62	7019.68	0.00	
13725.00†	90.257	90.137	7143.05	7273.37	1506.38	7119.68	0.00	
13825.00†	90.257	90.137	7142.60	7371.79	1506.14	7219.68	0.00	
13925.00†	90.257	90.137	7142.15	7470.21	1505.90	7319.68	0.00	
14025.00†	90.257	90.137	7141.71	7568.63	1505.66	7419.67	0.00	
14125.00†	90.257	90.137	7141.26	7667.05	1505.42	7519.67	0.00	
14225.00†	90.257	90.137	7140.81	7765.46	1505.19	7619.67	0.00	
14325.00†	90.257	90.137	7140.36	7863.88	1504.95	7719.67	0.00	
14425.00†	90.257	90.137	7139.91	7962.30	1504.71	7819.67	0.00	



# Planned Wellpath Report

TROUDT 8C-23-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 TROUDT 8C-23-M (760'FNL & 1715'FWL, SEC.27
Area	COLORADO	Well	TROUDT 8C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 8C-23-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (157 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
14525.00†	90.257	90.137	7139.46	8060.72	1504.47	7919.67	0.00	
14625.00†	90.257	90.137	7139.01	8159.13	1504.23	8019.67	0.00	
14725.00†	90.257	90.137	7138.56	8257.55	1503.99	8119.67	0.00	
14825.00†	90.257	90.137	7138.11	8355.97	1503.76	8219.66	0.00	
14925.00†	90.257	90.137	7137.66	8454.39	1503.52	8319.66	0.00	
15025.00†	90.257	90.137	7137.22	8552.80	1503.28	8419.66	0.00	
15072.98	90.257	90.137	7137.00 <sup>2</sup>	8600.02	1503.17	8467.64	0.00	End of Tangent

HOLE & CASING SECTIONS - Ref Wellbore: TROUDT 8C-23-M PWB      Ref Wellpath: TROUDT 8C-23-M 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	25.00	1750.00	1725.00	25.00	1719.04	0.00	0.00	270.01	93.42
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1719.04	0.00	0.00	270.01	93.42
8.5in Open Hole	1750.00	15072.98	13322.98	1719.04	N/A	270.01	93.42	N/A	N/A





# Planned Wellpath Report

TROUDT 8C-23-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 TROUDT 8C-23-M (760'FNL & 1715'FWL, SEC.27
Area	COLORADO	Well	TROUDT 8C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 8C-23-M PWB
Facility	SEC.27-T06N-R66W		

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
SEC.28-T06N-R66W		0.00	0.00	-119.93	3203773.74	1412932.71	40°27'52.531"N	104°46'03.497"W	polygon
SEC.29-T06N-R66W EAST HALF		0.00	0.00	-119.93	3203773.74	1412932.71	40°27'52.531"N	104°46'03.497"W	polygon
SEC.22-T06N-R66W		1.00	1412.74	-8129.07	3195753.51	1414279.17	40°28'06.478"N	104°47'47.123"W	polygon
SEC.23-T06N-R66W		1.00	4231.29	-1987.24	3201871.60	1417148.27	40°28'34.342"N	104°46'27.660"W	polygon
SEC.26-T06N-R66W		1.00	-4763.04	555.24	3204488.23	1408175.60	40°27'05.465"N	104°45'54.763"W	polygon
SEC.27-T06N-R66W		1.00	-4763.04	555.24	3204488.23	1408175.60	40°27'05.465"N	104°45'54.763"W	polygon
2) TROUDT 8C-23-M BHL ON PLAT (775'FSL & 510'FEL, SEC.23)	15072.98	7137.00	1503.17	8467.64	3212348.27	1414506.73	40°28'07.370"N	104°44'12.386"W	circle
1) TROUDT 8C-23-M TOP OF PROD ON PLAT (767'FSL & 2526'FEL, SEC.22)	7724.04	7170.00	1520.68	1118.80	3204999.81	1414463.52	40°28'07.558"N	104°45'47.470"W	circle

SURVEY PROGRAM - Ref Wellbore: TROUDT 8C-23-M PWB Ref Wellpath: TROUDT 8C-23-M PWP (REV-A.0)				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1750.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		TROUDT 8C-23-M PWB
1750.00	15072.98	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		TROUDT 8C-23-M PWB