

# SRC ENERGY

Location: COLORADO Slot: SLOT#03 TROUDT 1N-23C-M (760'FNL & 1624'FWL, SEC.27)  
Field: WELD COUNTY (NAD83, TRUE NORTH) Well: TROUDT 1N-23C-M  
Facility: SEC.27-T06N-R66W Wellbore: TROUDT 1N-23C-M PWB

Plot reference wellpath is TROUDT 1N-23C-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: SLOTH03 TROUDT 1N-23C-M (760'FNL & 1624'FWL, SEC.27)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: doddanna on 2017-09-18
	Database: WellArchitectDB

## Location Information

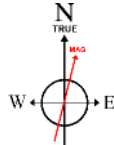
Facility Name			Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SEC.27-T06N-R66W			320373.744	1412932.710	40°27'52.531"N	104°46'03.497"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SLOTH03 TROUDT 1N-23C-M (760'FNL & 1624'FWL, SEC.27)	0.00	30.05	3203803.794	1412932.959	40°27'52.531"N	104°46'03.108"W
PD 562 (25) (RKB) to Mud line (At Slot: SLOTH03 TROUDT 1N-23C-M (760'FNL & 1624'FWL, SEC.27))						4744ft
Mean Sea Level to Mud line (At Slot: SLOTH03 TROUDT 1N-23C-M (760'FNL & 1624'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 NauTrak	Custom BHI NauTrak (Standard Rotating-Axial Core) (Rockies 0.03Gt model)		TROUDT 1N-23C-M PWB
1750.00	15414.10	BHI AutoTrak Curve	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		TROUDT 1N-23C-M PWB

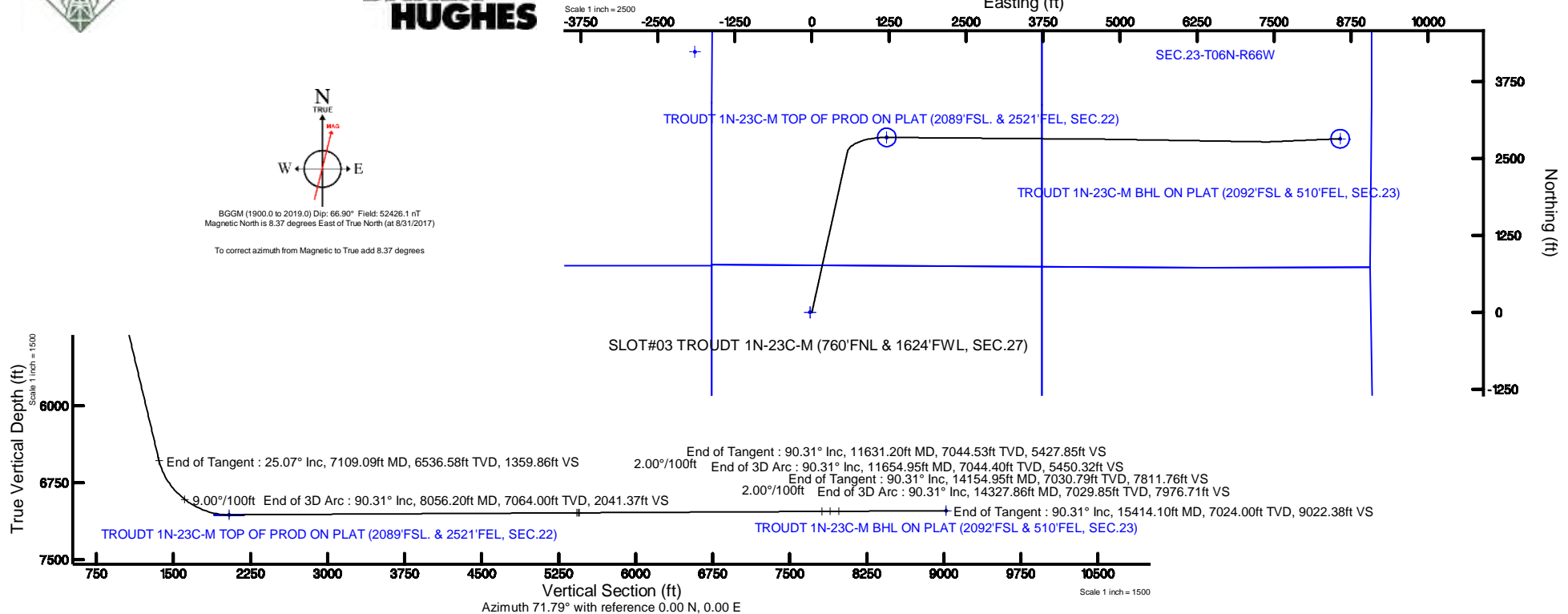


SRC ENERGY



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	-30.05	3203773.74	1412932.71	40°27'52.531"N	104°46'03.497"W
SEC.29-T06N-R66W EAST HALF		0.00	0.00	-30.05	3203773.74	1412932.71	40°27'52.531"N	104°46'03.497"W
SEC.22-T06N-R66W		1.00	1412.71	-8039.20	3195753.51	1414279.17	40°28'06.478"N	104°47'47.123"W
SEC.23-T06N-R66W		1.00	4231.29	-1897.38	3201871.60	1417148.27	40°28'34.342"N	104°46'27.660"W
SEC.26-T06N-R66W		1.00	-4763.03	645.14	3204488.23	1408175.60	40°27'05.465"N	104°45'54.763"W
SEC.27-T06N-R66W		1.00	-4763.03	645.14	3204488.23	1408175.60	40°27'05.465"N	104°45'54.763"W
TROUDT 1N-23C-M BHL ON PLAT (2092'FSL & 510'FEL, SEC.23)	15414.10	7024.00	2819.84	8570.41	3212350.29	1415823.39	40°28'20.381"N	104°44'12.114"W
TROUDT 1N-23C-M TOP OF PROD ON PLAT (2089'FSL & 2521'FEL, SEC.22)	8056.20	7064.00	2841.33	1214.17	3204994.40	1415784.12	40°28'20.608"N	104°45'47.398"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	1682.45	0.00	0.00	386.23	85.27	TROUDT 1N-23C-M PWB
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1682.45	0.00	0.00	386.23	85.27	TROUDT 1N-23C-M PWB
8.5in Open Hole	1750.00	15414.10	13664.10	1682.45	7024.00	386.23	85.27	2819.84	8570.41	TROUDT 1N-23C-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	12.450	25.00	0.00	0.00	0.00	0.00
End of Tangent	200.00	0.000	12.450	200.00	0.00	0.00	0.00	0.00
End of Build	1453.60	25.072	12.450	1413.98	263.59	58.20	2.00	137.66
End of Tangent	7109.09	25.072	12.450	6536.58	2603.79	574.87	0.00	1359.86
End of 3D Arc	8056.20	90.312	90.475	7064.00	2841.33	1214.17	9.00	2041.37
End of Tangent	11631.20	90.312	90.475	7044.53	2811.70	4788.99	0.00	5427.85
End of 3D Arc	11654.95	90.312	90.950	7044.40	2811.40	4812.74	2.00	5450.32
End of Tangent	14154.95	90.312	90.950	7030.79	2769.95	7312.36	0.00	7811.76
End of 3D Arc	14327.86	90.309	87.492	7029.85	2772.30	7485.23	2.00	7976.71
End of Tangent	15414.10	90.309	87.492	7024.00	2819.84	8570.41	0.00	9022.38

## TROUDT\_1N-23C-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	15414.10	:STOP MD
STEP	.ft	0.0	:STEP (non-uniform increment)
NULL	.	-999.99	:NULL
COMP	.	SRC ENERGY	:OPERATOR
WELL	.	TROUDT 1N-23C-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#03 TROUDT 1N-23C-M (760'FNL & 1624'FWL, SEC.27):SLOT	:SLOT
WELLBORE	.	TROUDT 1N-23C-M PWB	:WELLBORE
WELLPATH	.	TROUDT 1N-23C-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\_1N-23C-M\_PWP\_\_REV-A.0\_.las

VSAZIMUTH.deg	71.79	: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	12.45	0.00	0.00	0.00	0.00	40.4645920	-104.7675300	0.00
25.00	0.00	12.45	25.00	0.00	0.00	0.00	40.4645920	-104.7675300	0.00
125.00	0.00	12.45	125.00	0.00	0.00	0.00	40.4645920	-104.7675300	0.00
200.00	0.00	12.45	200.00	0.00	0.00	0.00	40.4645920	-104.7675300	0.00
225.00	0.50	12.45	225.00	0.06	0.11	0.02	40.4645923	-104.7675299	2.00
325.00	2.50	12.45	324.96	1.39	2.66	0.59	40.4645993	-104.7675279	2.00
425.00	4.50	12.45	424.77	4.50	8.62	1.90	40.4646157	-104.7675232	2.00
525.00	6.50	12.45	524.30	9.39	17.98	3.97	40.4646414	-104.7675157	2.00
625.00	8.50	12.45	623.44	16.05	30.73	6.78	40.4646763	-104.7675056	2.00
725.00	10.50	12.45	722.07	24.46	46.84	10.34	40.4647206	-104.7674928	2.00
825.00	12.50	12.45	820.05	34.63	66.31	14.64	40.4647740	-104.7674774	2.00
925.00	14.50	12.45	917.29	46.54	89.10	19.67	40.4648366	-104.7674593	2.00
1025.00	16.50	12.45	1013.64	60.16	115.20	25.43	40.4649082	-104.7674386	2.00
1125.00	18.50	12.45	1109.01	75.50	144.56	31.92	40.4649888	-104.7674153	2.00
1225.00	20.50	12.45	1203.27	92.52	177.15	39.11	40.4650783	-104.7673894	2.00

## TROUDT\_1N-23C-M\_PWP\_\_REV-A.0\_.las

1325.00	22.50	12.45	1296.31	111.21	212.94	47.01	40.4651765	-104.7673610	2.00
1425.00	24.50	12.45	1388.01	131.55	251.88	55.61	40.4652834	-104.7673301	2.00
1453.60	25.07	12.45	1413.98	137.66	263.59	58.20	40.4653155	-104.7673209	2.00
1525.00	25.07	12.45	1478.65	153.09	293.13	64.72	40.4653966	-104.7672974	0.00
1625.00	25.07	12.45	1569.22	174.70	334.51	73.85	40.4655102	-104.7672646	0.00
1725.00	25.07	12.45	1659.80	196.31	375.89	82.99	40.4656238	-104.7672317	0.00
1825.00	25.07	12.45	1750.38	217.92	417.27	92.13	40.4657373	-104.7671989	0.00
1925.00	25.07	12.45	1840.96	239.53	458.65	101.26	40.4658509	-104.7671661	0.00
2025.00	25.07	12.45	1931.53	261.14	500.03	110.40	40.4659645	-104.7671332	0.00
2125.00	25.07	12.45	2022.11	282.75	541.40	119.53	40.4660781	-104.7671004	0.00
2225.00	25.07	12.45	2112.69	304.37	582.78	128.67	40.4661917	-104.7670676	0.00
2325.00	25.07	12.45	2203.27	325.98	624.16	137.80	40.4663052	-104.7670347	0.00
2425.00	25.07	12.45	2293.84	347.59	665.54	146.94	40.4664188	-104.7670019	0.00
2525.00	25.07	12.45	2384.42	369.20	706.92	156.08	40.4665324	-104.7669691	0.00
2625.00	25.07	12.45	2475.00	390.81	748.30	165.21	40.4666460	-104.7669362	0.00
2725.00	25.07	12.45	2565.58	412.42	789.68	174.35	40.4667596	-104.7669034	0.00
2825.00	25.07	12.45	2656.15	434.03	831.06	183.48	40.4668731	-104.7668706	0.00
2925.00	25.07	12.45	2746.73	455.64	872.44	192.62	40.4669867	-104.7668377	0.00
3025.00	25.07	12.45	2837.31	477.25	913.82	201.76	40.4671003	-104.7668049	0.00
3125.00	25.07	12.45	2927.89	498.86	955.20	210.89	40.4672139	-104.7667721	0.00
3225.00	25.07	12.45	3018.46	520.47	996.58	220.03	40.4673275	-104.7667392	0.00
3325.00	25.07	12.45	3109.04	542.08	1037.96	229.16	40.4674410	-104.7667064	0.00
3425.00	25.07	12.45	3199.62	563.70	1079.34	238.30	40.4675546	-104.7666736	0.00
3525.00	25.07	12.45	3290.20	585.31	1120.72	247.43	40.4676682	-104.7666407	0.00
3625.00	25.07	12.45	3380.77	606.92	1162.09	256.57	40.4677818	-104.7666079	0.00
3725.00	25.07	12.45	3471.35	628.53	1203.47	265.71	40.4678954	-104.7665751	0.00
3825.00	25.07	12.45	3561.93	650.14	1244.85	274.84	40.4680090	-104.7665422	0.00
3925.00	25.07	12.45	3652.51	671.75	1286.23	283.98	40.4681225	-104.7665094	0.00
4025.00	25.07	12.45	3743.08	693.36	1327.61	293.11	40.4682361	-104.7664765	0.00
4125.00	25.07	12.45	3833.66	714.97	1368.99	302.25	40.4683497	-104.7664437	0.00
4225.00	25.07	12.45	3924.24	736.58	1410.37	311.39	40.4684633	-104.7664109	0.00
4325.00	25.07	12.45	4014.82	758.19	1451.75	320.52	40.4685769	-104.7663780	0.00
4425.00	25.07	12.45	4105.39	779.80	1493.13	329.66	40.4686904	-104.7663452	0.00
4525.00	25.07	12.45	4195.97	801.41	1534.51	338.79	40.4688040	-104.7663124	0.00

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4625.00	25.07	12.45	4286.55	823.02	1575.89	347.93	40.4689176	-104.7662795	0.00
4725.00	25.07	12.45	4377.13	844.64	1617.27	357.06	40.4690312	-104.7662467	0.00
4825.00	25.07	12.45	4467.70	866.25	1658.65	366.20	40.4691448	-104.7662139	0.00
4925.00	25.07	12.45	4558.28	887.86	1700.03	375.34	40.4692583	-104.7661810	0.00
5025.00	25.07	12.45	4648.86	909.47	1741.40	384.47	40.4693719	-104.7661482	0.00
5125.00	25.07	12.45	4739.44	931.08	1782.78	393.61	40.4694855	-104.7661153	0.00
5225.00	25.07	12.45	4830.02	952.69	1824.16	402.74	40.4695991	-104.7660825	0.00
5325.00	25.07	12.45	4920.59	974.30	1865.54	411.88	40.4697127	-104.7660497	0.00
5425.00	25.07	12.45	5011.17	995.91	1906.92	421.02	40.4698262	-104.7660168	0.00
5525.00	25.07	12.45	5101.75	1017.52	1948.30	430.15	40.4699398	-104.7659840	0.00
5625.00	25.07	12.45	5192.33	1039.13	1989.68	439.29	40.4700534	-104.7659512	0.00
5725.00	25.07	12.45	5282.90	1060.74	2031.06	448.42	40.4701670	-104.7659183	0.00
5825.00	25.07	12.45	5373.48	1082.35	2072.44	457.56	40.4702806	-104.7658855	0.00
5925.00	25.07	12.45	5464.06	1103.96	2113.82	466.69	40.4703941	-104.7658526	0.00
6025.00	25.07	12.45	5554.64	1125.58	2155.20	475.83	40.4705077	-104.7658198	0.00
6125.00	25.07	12.45	5645.21	1147.19	2196.58	484.97	40.4706213	-104.7657870	0.00
6225.00	25.07	12.45	5735.79	1168.80	2237.96	494.10	40.4707349	-104.7657541	0.00
6325.00	25.07	12.45	5826.37	1190.41	2279.34	503.24	40.4708485	-104.7657213	0.00
6425.00	25.07	12.45	5916.95	1212.02	2320.71	512.37	40.4709620	-104.7656884	0.00
6525.00	25.07	12.45	6007.52	1233.63	2362.09	521.51	40.4710756	-104.7656556	0.00
6625.00	25.07	12.45	6098.10	1255.24	2403.47	530.65	40.4711892	-104.7656228	0.00
6725.00	25.07	12.45	6188.68	1276.85	2444.85	539.78	40.4713028	-104.7655899	0.00
6825.00	25.07	12.45	6279.26	1298.46	2486.23	548.92	40.4714164	-104.7655571	0.00
6925.00	25.07	12.45	6369.83	1320.07	2527.61	558.05	40.4715299	-104.7655243	0.00
7025.00	25.07	12.45	6460.41	1341.68	2568.99	567.19	40.4716435	-104.7654914	0.00
7109.09	25.07	12.45	6536.58	1359.86	2603.79	574.87	40.4717390	-104.7654638	0.00
7125.00	25.38	15.73	6550.97	1363.48	2610.36	576.52	40.4717571	-104.7654579	9.00
7225.00	28.82	34.09	6640.14	1394.58	2651.03	595.88	40.4718687	-104.7653883	9.00
7325.00	34.18	47.99	6725.48	1439.44	2689.87	630.33	40.4719753	-104.7652645	9.00
7425.00	40.71	58.22	6804.91	1496.97	2725.92	679.02	40.4720743	-104.7650894	9.00
7525.00	47.93	65.94	6876.46	1565.73	2758.30	740.76	40.4721631	-104.7648675	9.00
7625.00	55.55	72.05	6938.38	1644.04	2786.19	814.03	40.4722397	-104.7646042	9.00
7725.00	63.43	77.11	6989.13	1729.98	2808.93	897.02	40.4723021	-104.7643059	9.00
7825.00	71.46	81.51	7027.47	1821.42	2825.94	987.68	40.4723488	-104.7639801	9.00

## TROUDT\_1N-23C-M\_PWP\_\_REV-A.0\_.las

7925.00	79.59	85.51	7052.46	1916.11	2836.81	1083.79	40.4723786	-104.7636346	9.00
8025.00	87.76	89.31	7063.47	2011.72	2841.28	1182.98	40.4723908	-104.7632781	9.00
8056.20	90.31	90.48	7064.00	2041.37	2841.33	1214.17	40.4723910	-104.7631660	9.00
8125.00	90.31	90.48	7063.63	2106.54	2840.76	1282.97	40.4723894	-104.7629187	0.00
8225.00	90.31	90.48	7063.08	2201.27	2839.94	1382.96	40.4723871	-104.7625593	0.00
8325.00	90.31	90.48	7062.54	2296.00	2839.11	1482.96	40.4723848	-104.7621999	0.00
8425.00	90.31	90.48	7061.99	2390.72	2838.28	1582.95	40.4723826	-104.7618405	0.00
8525.00	90.31	90.48	7061.45	2485.45	2837.45	1682.95	40.4723803	-104.7614811	0.00
8625.00	90.31	90.48	7060.90	2580.18	2836.62	1782.94	40.4723780	-104.7611217	0.00
8725.00	90.31	90.48	7060.36	2674.90	2835.79	1882.94	40.4723757	-104.7607623	0.00
8825.00	90.31	90.48	7059.81	2769.63	2834.96	1982.93	40.4723734	-104.7604029	0.00
8925.00	90.31	90.48	7059.27	2864.36	2834.13	2082.93	40.4723711	-104.7600435	0.00
9025.00	90.31	90.48	7058.72	2959.08	2833.30	2182.92	40.4723688	-104.7596841	0.00
9125.00	90.31	90.48	7058.18	3053.81	2832.47	2282.92	40.4723665	-104.7593247	0.00
9225.00	90.31	90.48	7057.64	3148.54	2831.64	2382.91	40.4723642	-104.7589653	0.00
9325.00	90.31	90.48	7057.09	3243.26	2830.82	2482.91	40.4723619	-104.7586059	0.00
9425.00	90.31	90.48	7056.55	3337.99	2829.99	2582.90	40.4723596	-104.7582465	0.00
9525.00	90.31	90.48	7056.00	3432.72	2829.16	2682.90	40.4723573	-104.7578871	0.00
9625.00	90.31	90.48	7055.46	3527.44	2828.33	2782.89	40.4723550	-104.7575276	0.00
9725.00	90.31	90.48	7054.91	3622.17	2827.50	2882.89	40.4723526	-104.7571682	0.00
9825.00	90.31	90.48	7054.37	3716.90	2826.67	2982.88	40.4723503	-104.7568088	0.00
9925.00	90.31	90.48	7053.82	3811.62	2825.84	3082.88	40.4723480	-104.7564494	0.00
10025.00	90.31	90.48	7053.28	3906.35	2825.01	3182.87	40.4723457	-104.7560900	0.00
10125.00	90.31	90.48	7052.73	4001.08	2824.18	3282.87	40.4723434	-104.7557306	0.00
10225.00	90.31	90.48	7052.19	4095.80	2823.35	3382.86	40.4723411	-104.7553712	0.00
10325.00	90.31	90.48	7051.65	4190.53	2822.53	3482.86	40.4723388	-104.7550118	0.00
10425.00	90.31	90.48	7051.10	4285.26	2821.70	3582.85	40.4723365	-104.7546524	0.00
10525.00	90.31	90.48	7050.56	4379.99	2820.87	3682.85	40.4723341	-104.7542930	0.00
10625.00	90.31	90.48	7050.01	4474.71	2820.04	3782.84	40.4723318	-104.7539336	0.00
10725.00	90.31	90.48	7049.47	4569.44	2819.21	3882.84	40.4723295	-104.7535742	0.00
10825.00	90.31	90.48	7048.92	4664.17	2818.38	3982.83	40.4723272	-104.7532148	0.00
10925.00	90.31	90.48	7048.38	4758.89	2817.55	4082.83	40.4723249	-104.7528554	0.00
11025.00	90.31	90.48	7047.83	4853.62	2816.72	4182.82	40.4723226	-104.7524960	0.00
11125.00	90.31	90.48	7047.29	4948.35	2815.89	4282.82	40.4723202	-104.7521366	0.00

## TROUDT\_1N-23C-M\_PWP\_\_REV-A.0\_.las

11225.00	90.31	90.48	7046.74	5043.07	2815.06	4382.81	40.4723179	-104.7517772	0.00
11325.00	90.31	90.48	7046.20	5137.80	2814.24	4482.81	40.4723156	-104.7514178	0.00
11425.00	90.31	90.48	7045.66	5232.53	2813.41	4582.80	40.4723133	-104.7510584	0.00
11525.00	90.31	90.48	7045.11	5327.25	2812.58	4682.80	40.4723109	-104.7506990	0.00
11625.00	90.31	90.48	7044.57	5421.98	2811.75	4782.79	40.4723086	-104.7503396	0.00
11631.20	90.31	90.48	7044.53	5427.85	2811.70	4788.99	40.4723085	-104.7503173	0.00
11654.95	90.31	90.95	7044.40	5450.32	2811.40	4812.74	40.4723076	-104.7502319	2.00
11725.00	90.31	90.95	7044.02	5516.49	2810.24	4882.78	40.4723044	-104.7499802	0.00
11825.00	90.31	90.95	7043.48	5610.94	2808.58	4982.76	40.4722998	-104.7496208	0.00
11925.00	90.31	90.95	7042.93	5705.40	2806.92	5082.75	40.4722952	-104.7492614	0.00
12025.00	90.31	90.95	7042.39	5799.86	2805.27	5182.73	40.4722906	-104.7489021	0.00
12125.00	90.31	90.95	7041.84	5894.32	2803.61	5282.72	40.4722860	-104.7485427	0.00
12225.00	90.31	90.95	7041.30	5988.78	2801.95	5382.70	40.4722814	-104.7481833	0.00
12325.00	90.31	90.95	7040.75	6083.23	2800.29	5482.69	40.4722768	-104.7478240	0.00
12425.00	90.31	90.95	7040.21	6177.69	2798.63	5582.67	40.4722721	-104.7474646	0.00
12525.00	90.31	90.95	7039.67	6272.15	2796.98	5682.66	40.4722675	-104.7471052	0.00
12625.00	90.31	90.95	7039.12	6366.61	2795.32	5782.64	40.4722629	-104.7467459	0.00
12725.00	90.31	90.95	7038.58	6461.06	2793.66	5882.63	40.4722583	-104.7463865	0.00
12825.00	90.31	90.95	7038.03	6555.52	2792.00	5982.61	40.4722537	-104.7460271	0.00
12925.00	90.31	90.95	7037.49	6649.98	2790.35	6082.60	40.4722491	-104.7456678	0.00
13025.00	90.31	90.95	7036.94	6744.44	2788.69	6182.58	40.4722444	-104.7453084	0.00
13125.00	90.31	90.95	7036.40	6838.90	2787.03	6282.57	40.4722398	-104.7449491	0.00
13225.00	90.31	90.95	7035.85	6933.35	2785.37	6382.55	40.4722352	-104.7445897	0.00
13325.00	90.31	90.95	7035.31	7027.81	2783.71	6482.54	40.4722306	-104.7442303	0.00
13425.00	90.31	90.95	7034.76	7122.27	2782.06	6582.52	40.4722260	-104.7438710	0.00
13525.00	90.31	90.95	7034.22	7216.73	2780.40	6682.51	40.4722213	-104.7435116	0.00
13625.00	90.31	90.95	7033.68	7311.19	2778.74	6782.49	40.4722167	-104.7431522	0.00
13725.00	90.31	90.95	7033.13	7405.64	2777.08	6882.48	40.4722121	-104.7427929	0.00
13825.00	90.31	90.95	7032.59	7500.10	2775.42	6982.46	40.4722075	-104.7424335	0.00
13925.00	90.31	90.95	7032.04	7594.56	2773.77	7082.44	40.4722028	-104.7420741	0.00
14025.00	90.31	90.95	7031.50	7689.02	2772.11	7182.43	40.4721982	-104.7417148	0.00
14125.00	90.31	90.95	7030.95	7783.47	2770.45	7282.41	40.4721936	-104.7413554	0.00
14154.95	90.31	90.95	7030.79	7811.76	2769.95	7312.36	40.4721922	-104.7412478	0.00
14225.00	90.31	89.55	7030.41	7878.21	2769.65	7382.41	40.4721913	-104.7409960	2.00

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14325.00	90.31	87.55	7029.87	7973.95	2772.18	7482.37	40.4721981	-104.7406367	2.00
14327.86	90.31	87.49	7029.85	7976.71	2772.30	7485.23	40.4721985	-104.7406264	2.00
14425.00	90.31	87.49	7029.33	8070.22	2776.56	7582.27	40.4722101	-104.7402776	0.00
14525.00	90.31	87.49	7028.79	8166.48	2780.93	7682.17	40.4722220	-104.7399186	0.00
14625.00	90.31	87.49	7028.25	8262.75	2785.31	7782.08	40.4722339	-104.7395595	0.00
14725.00	90.31	87.49	7027.71	8359.02	2789.68	7881.98	40.4722459	-104.7392004	0.00
14825.00	90.31	87.49	7027.17	8455.28	2794.06	7981.88	40.4722578	-104.7388413	0.00
14925.00	90.31	87.49	7026.64	8551.55	2798.44	8081.78	40.4722697	-104.7384822	0.00
15025.00	90.31	87.49	7026.10	8647.81	2802.81	8181.69	40.4722816	-104.7381232	0.00
15125.00	90.31	87.49	7025.56	8744.08	2807.19	8281.59	40.4722935	-104.7377641	0.00
15225.00	90.31	87.49	7025.02	8840.35	2811.57	8381.49	40.4723055	-104.7374050	0.00
15325.00	90.31	87.49	7024.48	8936.61	2815.94	8481.40	40.4723174	-104.7370459	0.00
15414.10	90.31	87.49	7024.00	9022.38	2819.84	8570.41	40.4723280	-104.7367260	0.00





# Planned Wellpath Report

## TROUDT 1N-23C-M PWP (REV-A.0)

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### REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#03 TROUDT 1N-23C-M (760'FNL & 1624'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 1N-23C-M
Field	WELD COUNTY (NAD83, TRUE NORTH)	Wellbore	TROUDT 1N-23C-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 9:23:40 AM
Convergence at slot	0.47° East	Database/Source file	WellArchitectDB/TROUDT_1N-23C-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	30.05	3203803.79	1412932.96	40°27'52.531"N	104°46'03.108"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#03 TROUDT 1N-23C-M (760'FNL & 1624'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	71.79°



# Planned Wellpath Report

TROUDT 1N-23C-M PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#03 TROUDT 1N-23C-M (760'FNL & 1624'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 1N-23C-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 1N-23C-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (164 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	12.450	0.00	0.00	0.00	0.00	0.00	
25.00	0.000	12.450	25.00	0.00	0.00	0.00	0.00	Tie On
125.00†	0.000	12.450	125.00	0.00	0.00	0.00	0.00	
200.00	0.000	12.450	200.00	0.00	0.00	0.00	0.00	End of Tangent
225.00†	0.500	12.450	225.00	0.06	0.11	0.02	2.00	
325.00†	2.500	12.450	324.96	1.39	2.66	0.59	2.00	
425.00†	4.500	12.450	424.77	4.50	8.62	1.90	2.00	
525.00†	6.500	12.450	524.30	9.39	17.98	3.97	2.00	
625.00†	8.500	12.450	623.44	16.05	30.73	6.78	2.00	
725.00†	10.500	12.450	722.07	24.46	46.84	10.34	2.00	
825.00†	12.500	12.450	820.05	34.63	66.31	14.64	2.00	
925.00†	14.500	12.450	917.29	46.54	89.10	19.67	2.00	
1025.00†	16.500	12.450	1013.64	60.16	115.20	25.43	2.00	
1125.00†	18.500	12.450	1109.01	75.50	144.56	31.92	2.00	
1225.00†	20.500	12.450	1203.27	92.52	177.15	39.11	2.00	
1325.00†	22.500	12.450	1296.31	111.21	212.94	47.01	2.00	
1425.00†	24.500	12.450	1388.01	131.55	251.88	55.61	2.00	
1453.60	25.072	12.450	1413.98	137.66	263.59	58.20	2.00	End of Build
1525.00†	25.072	12.450	1478.65	153.09	293.13	64.72	0.00	
1625.00†	25.072	12.450	1569.22	174.70	334.51	73.85	0.00	
1725.00†	25.072	12.450	1659.80	196.31	375.89	82.99	0.00	
1825.00†	25.072	12.450	1750.38	217.92	417.27	92.13	0.00	
1925.00†	25.072	12.450	1840.96	239.53	458.65	101.26	0.00	
2025.00†	25.072	12.450	1931.53	261.14	500.03	110.40	0.00	
2125.00†	25.072	12.450	2022.11	282.75	541.40	119.53	0.00	
2225.00†	25.072	12.450	2112.69	304.37	582.78	128.67	0.00	
2325.00†	25.072	12.450	2203.27	325.98	624.16	137.80	0.00	
2425.00†	25.072	12.450	2293.84	347.59	665.54	146.94	0.00	
2525.00†	25.072	12.450	2384.42	369.20	706.92	156.08	0.00	
2625.00†	25.072	12.450	2475.00	390.81	748.30	165.21	0.00	



# Planned Wellpath Report

TROUDT 1N-23C-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#03 TROUDT 1N-23C-M (760'FNL & 1624'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 1N-23C-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 1N-23C-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (164 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
2725.00†	25.072	12.450	2565.58	412.42	789.68	174.35	0.00	
2825.00†	25.072	12.450	2656.15	434.03	831.06	183.48	0.00	
2925.00†	25.072	12.450	2746.73	455.64	872.44	192.62	0.00	
3025.00†	25.072	12.450	2837.31	477.25	913.82	201.76	0.00	
3125.00†	25.072	12.450	2927.89	498.86	955.20	210.89	0.00	
3225.00†	25.072	12.450	3018.46	520.47	996.58	220.03	0.00	
3325.00†	25.072	12.450	3109.04	542.08	1037.96	229.16	0.00	
3425.00†	25.072	12.450	3199.62	563.70	1079.34	238.30	0.00	
3525.00†	25.072	12.450	3290.20	585.31	1120.72	247.43	0.00	
3625.00†	25.072	12.450	3380.77	606.92	1162.09	256.57	0.00	
3725.00†	25.072	12.450	3471.35	628.53	1203.47	265.71	0.00	
3825.00†	25.072	12.450	3561.93	650.14	1244.85	274.84	0.00	
3925.00†	25.072	12.450	3652.51	671.75	1286.23	283.98	0.00	
4025.00†	25.072	12.450	3743.08	693.36	1327.61	293.11	0.00	
4125.00†	25.072	12.450	3833.66	714.97	1368.99	302.25	0.00	
4225.00†	25.072	12.450	3924.24	736.58	1410.37	311.39	0.00	
4325.00†	25.072	12.450	4014.82	758.19	1451.75	320.52	0.00	
4425.00†	25.072	12.450	4105.39	779.80	1493.13	329.66	0.00	
4525.00†	25.072	12.450	4195.97	801.41	1534.51	338.79	0.00	
4625.00†	25.072	12.450	4286.55	823.02	1575.89	347.93	0.00	
4725.00†	25.072	12.450	4377.13	844.64	1617.27	357.06	0.00	
4825.00†	25.072	12.450	4467.70	866.25	1658.65	366.20	0.00	
4925.00†	25.072	12.450	4558.28	887.86	1700.03	375.34	0.00	
5025.00†	25.072	12.450	4648.86	909.47	1741.40	384.47	0.00	
5125.00†	25.072	12.450	4739.44	931.08	1782.78	393.61	0.00	
5225.00†	25.072	12.450	4830.02	952.69	1824.16	402.74	0.00	
5325.00†	25.072	12.450	4920.59	974.30	1865.54	411.88	0.00	
5425.00†	25.072	12.450	5011.17	995.91	1906.92	421.02	0.00	
5525.00†	25.072	12.450	5101.75	1017.52	1948.30	430.15	0.00	
5625.00†	25.072	12.450	5192.33	1039.13	1989.68	439.29	0.00	



# Planned Wellpath Report

TROUDT 1N-23C-M PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#03 TROUDT 1N-23C-M (760'FNL & 1624'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 1N-23C-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 1N-23C-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (164 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
5725.00†	25.072	12.450	5282.90	1060.74	2031.06	448.42	0.00	
5825.00†	25.072	12.450	5373.48	1082.35	2072.44	457.56	0.00	
5925.00†	25.072	12.450	5464.06	1103.96	2113.82	466.69	0.00	
6025.00†	25.072	12.450	5554.64	1125.58	2155.20	475.83	0.00	
6125.00†	25.072	12.450	5645.21	1147.19	2196.58	484.97	0.00	
6225.00†	25.072	12.450	5735.79	1168.80	2237.96	494.10	0.00	
6325.00†	25.072	12.450	5826.37	1190.41	2279.34	503.24	0.00	
6425.00†	25.072	12.450	5916.95	1212.02	2320.71	512.37	0.00	
6525.00†	25.072	12.450	6007.52	1233.63	2362.09	521.51	0.00	
6625.00†	25.072	12.450	6098.10	1255.24	2403.47	530.65	0.00	
6725.00†	25.072	12.450	6188.68	1276.85	2444.85	539.78	0.00	
6825.00†	25.072	12.450	6279.26	1298.46	2486.23	548.92	0.00	
6925.00†	25.072	12.450	6369.83	1320.07	2527.61	558.05	0.00	
7025.00†	25.072	12.450	6460.41	1341.68	2568.99	567.19	0.00	
7109.09	25.072	12.450	6536.58	1359.86	2603.79	574.87	0.00	End of Tangent
7125.00†	25.382	15.730	6550.97	1363.48	2610.36	576.52	9.00	
7225.00†	28.818	34.087	6640.14	1394.58	2651.03	595.88	9.00	
7325.00†	34.181	47.990	6725.48	1439.44	2689.87	630.33	9.00	
7425.00†	40.711	58.219	6804.91	1496.97	2725.92	679.02	9.00	
7525.00†	47.926	65.943	6876.46	1565.73	2758.30	740.76	9.00	
7625.00†	55.551	72.046	6938.38	1644.04	2786.19	814.03	9.00	
7725.00†	63.428	77.107	6989.13	1729.98	2808.93	897.02	9.00	
7825.00†	71.461	81.509	7027.47	1821.42	2825.94	987.68	9.00	
7925.00†	79.586	85.510	7052.46	1916.11	2836.81	1083.79	9.00	
8025.00†	87.759	89.306	7063.47	2011.72	2841.28	1182.98	9.00	
8056.20	90.312	90.475	7064.00 <sup>†</sup>	2041.37	2841.33	1214.17	9.00	End of 3D Arc
8125.00†	90.312	90.475	7063.63	2106.54	2840.76	1282.97	0.00	
8225.00†	90.312	90.475	7063.08	2201.27	2839.94	1382.96	0.00	
8325.00†	90.312	90.475	7062.54	2296.00	2839.11	1482.96	0.00	
8425.00†	90.312	90.475	7061.99	2390.72	2838.28	1582.95	0.00	



# Planned Wellpath Report

TROUDT 1N-23C-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#03 TROUDT 1N-23C-M (760'FNL & 1624'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 1N-23C-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 1N-23C-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (164 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
8525.00†	90.312	90.475	7061.45	2485.45	2837.45	1682.95	0.00	
8625.00†	90.312	90.475	7060.90	2580.18	2836.62	1782.94	0.00	
8725.00†	90.312	90.475	7060.36	2674.90	2835.79	1882.94	0.00	
8825.00†	90.312	90.475	7059.81	2769.63	2834.96	1982.93	0.00	
8925.00†	90.312	90.475	7059.27	2864.36	2834.13	2082.93	0.00	
9025.00†	90.312	90.475	7058.72	2959.08	2833.30	2182.92	0.00	
9125.00†	90.312	90.475	7058.18	3053.81	2832.47	2282.92	0.00	
9225.00†	90.312	90.475	7057.64	3148.54	2831.64	2382.91	0.00	
9325.00†	90.312	90.475	7057.09	3243.26	2830.82	2482.91	0.00	
9425.00†	90.312	90.475	7056.55	3337.99	2829.99	2582.90	0.00	
9525.00†	90.312	90.475	7056.00	3432.72	2829.16	2682.90	0.00	
9625.00†	90.312	90.475	7055.46	3527.44	2828.33	2782.89	0.00	
9725.00†	90.312	90.475	7054.91	3622.17	2827.50	2882.89	0.00	
9825.00†	90.312	90.475	7054.37	3716.90	2826.67	2982.88	0.00	
9925.00†	90.312	90.475	7053.82	3811.62	2825.84	3082.88	0.00	
10025.00†	90.312	90.475	7053.28	3906.35	2825.01	3182.87	0.00	
10125.00†	90.312	90.475	7052.73	4001.08	2824.18	3282.87	0.00	
10225.00†	90.312	90.475	7052.19	4095.80	2823.35	3382.86	0.00	
10325.00†	90.312	90.475	7051.65	4190.53	2822.53	3482.86	0.00	
10425.00†	90.312	90.475	7051.10	4285.26	2821.70	3582.85	0.00	
10525.00†	90.312	90.475	7050.56	4379.99	2820.87	3682.85	0.00	
10625.00†	90.312	90.475	7050.01	4474.71	2820.04	3782.84	0.00	
10725.00†	90.312	90.475	7049.47	4569.44	2819.21	3882.84	0.00	
10825.00†	90.312	90.475	7048.92	4664.17	2818.38	3982.83	0.00	
10925.00†	90.312	90.475	7048.38	4758.89	2817.55	4082.83	0.00	
11025.00†	90.312	90.475	7047.83	4853.62	2816.72	4182.82	0.00	
11125.00†	90.312	90.475	7047.29	4948.35	2815.89	4282.82	0.00	
11225.00†	90.312	90.475	7046.74	5043.07	2815.06	4382.81	0.00	
11325.00†	90.312	90.475	7046.20	5137.80	2814.24	4482.81	0.00	
11425.00†	90.312	90.475	7045.66	5232.53	2813.41	4582.80	0.00	



# Planned Wellpath Report

TROUDT 1N-23C-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#03 TROUDT 1N-23C-M (760'FNL & 1624'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 1N-23C-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 1N-23C-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (164 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
11525.00†	90.312	90.475	7045.11	5327.25	2812.58	4682.80	0.00	
11625.00†	90.312	90.475	7044.57	5421.98	2811.75	4782.79	0.00	
11631.20	90.312	90.475	7044.53	5427.85	2811.70	4788.99	0.00	End of Tangent
11654.95	90.312	90.950	7044.40	5450.32	2811.40	4812.74	2.00	End of 3D Arc
11725.00†	90.312	90.950	7044.02	5516.49	2810.24	4882.78	0.00	
11825.00†	90.312	90.950	7043.48	5610.94	2808.58	4982.76	0.00	
11925.00†	90.312	90.950	7042.93	5705.40	2806.92	5082.75	0.00	
12025.00†	90.312	90.950	7042.39	5799.86	2805.27	5182.73	0.00	
12125.00†	90.312	90.950	7041.84	5894.32	2803.61	5282.72	0.00	
12225.00†	90.312	90.950	7041.30	5988.78	2801.95	5382.70	0.00	
12325.00†	90.312	90.950	7040.75	6083.23	2800.29	5482.69	0.00	
12425.00†	90.312	90.950	7040.21	6177.69	2798.63	5582.67	0.00	
12525.00†	90.312	90.950	7039.67	6272.15	2796.98	5682.66	0.00	
12625.00†	90.312	90.950	7039.12	6366.61	2795.32	5782.64	0.00	
12725.00†	90.312	90.950	7038.58	6461.06	2793.66	5882.63	0.00	
12825.00†	90.312	90.950	7038.03	6555.52	2792.00	5982.61	0.00	
12925.00†	90.312	90.950	7037.49	6649.98	2790.35	6082.60	0.00	
13025.00†	90.312	90.950	7036.94	6744.44	2788.69	6182.58	0.00	
13125.00†	90.312	90.950	7036.40	6838.90	2787.03	6282.57	0.00	
13225.00†	90.312	90.950	7035.85	6933.35	2785.37	6382.55	0.00	
13325.00†	90.312	90.950	7035.31	7027.81	2783.71	6482.54	0.00	
13425.00†	90.312	90.950	7034.76	7122.27	2782.06	6582.52	0.00	
13525.00†	90.312	90.950	7034.22	7216.73	2780.40	6682.51	0.00	
13625.00†	90.312	90.950	7033.68	7311.19	2778.74	6782.49	0.00	
13725.00†	90.312	90.950	7033.13	7405.64	2777.08	6882.48	0.00	
13825.00†	90.312	90.950	7032.59	7500.10	2775.42	6982.46	0.00	
13925.00†	90.312	90.950	7032.04	7594.56	2773.77	7082.44	0.00	
14025.00†	90.312	90.950	7031.50	7689.02	2772.11	7182.43	0.00	
14125.00†	90.312	90.950	7030.95	7783.47	2770.45	7282.41	0.00	
14154.95	90.312	90.950	7030.79	7811.76	2769.95	7312.36	0.00	End of Tangent



# Planned Wellpath Report

TROUDT 1N-23C-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#03 TROUDT 1N-23C-M (760'FNL & 1624'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 1N-23C-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 1N-23C-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (164 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
14225.00†	90.311	89.549	7030.41	7878.21	2769.65	7382.41	2.00	
14325.00†	90.309	87.549	7029.87	7973.95	2772.18	7482.37	2.00	
14327.86	90.309	87.492	7029.85	7976.71	2772.30	7485.23	2.00	End of 3D Arc
14425.00†	90.309	87.492	7029.33	8070.22	2776.56	7582.27	0.00	
14525.00†	90.309	87.492	7028.79	8166.48	2780.93	7682.17	0.00	
14625.00†	90.309	87.492	7028.25	8262.75	2785.31	7782.08	0.00	
14725.00†	90.309	87.492	7027.71	8359.02	2789.68	7881.98	0.00	
14825.00†	90.309	87.492	7027.17	8455.28	2794.06	7981.88	0.00	
14925.00†	90.309	87.492	7026.64	8551.55	2798.44	8081.78	0.00	
15025.00†	90.309	87.492	7026.10	8647.81	2802.81	8181.69	0.00	
15125.00†	90.309	87.492	7025.56	8744.08	2807.19	8281.59	0.00	
15225.00†	90.309	87.492	7025.02	8840.35	2811.57	8381.49	0.00	
15325.00†	90.309	87.492	7024.48	8936.61	2815.94	8481.40	0.00	
15414.10	90.309	87.492	7024.00 <sup>2</sup>	9022.38	2819.84	8570.41	0.00	End of Tangent

HOLE & CASING SECTIONS - Ref Wellbore: TROUDT 1N-23C-M PWB Ref Wellpath: TROUDT 1N-23C-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	1682.45	0.00	0.00	386.23	85.27
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1682.45	0.00	0.00	386.23	85.27
8.5in Open Hole	1750.00	15414.10	13664.10	1682.45	7024.00	386.23	85.27	2819.84	8570.41





# Planned Wellpath Report

## TROUDT 1N-23C-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#03 TROUDT 1N-23C-M (760'FNL & 1624'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 1N-23C-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 1N-23C-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	-30.05	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	-30.05	3203773.74	1412932.71	40°27'52.531"N	104°46'03.497"W	polygon
SEC.22-T06N-R66W		1.00	1412.71	-8039.20	3195753.51	1414279.17	40°28'06.478"N	104°47'47.123"W	polygon
SEC.23-T06N-R66W		1.00	4231.29	-1897.38	3201871.60	1417148.27	40°28'34.342"N	104°46'27.660"W	polygon
SEC.26-T06N-R66W		1.00	-4763.03	645.14	3204488.23	1408175.60	40°27'05.465"N	104°45'54.763"W	polygon
SEC.27-T06N-R66W		1.00	-4763.03	645.14	3204488.23	1408175.60	40°27'05.465"N	104°45'54.763"W	polygon
2) TROUDT 1N-23C-M BHL ON PLAT (2092'FSL & 510'FEL, SEC.23)	15414.10	7024.00	2819.84	8570.41	3212350.29	1415823.39	40°28'20.381"N	104°44'12.214"W	circle
1) TROUDT 1N-23C-M TOP OF PROD ON PLAT (2089'FSL. & 2521'FEL, SEC.22)	8056.20	7064.00	2841.33	1214.17	3204994.40	1415784.12	40°28'20.608"N	104°45'47.398"W	circle

SURVEY PROGRAM - Ref Wellbore: TROUDT 1N-23C-M PWB Ref Wellpath: TROUDT 1N-23C-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 1N-23C-M PWB
1750.00	15414.10	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		TROUDT 1N-23C-M PWB