

SRC ENERGY

Location: COLORADO Slot: SLOT#05 TROUDT 1C-23-M (760'FNL & 1654'FWL, SEC.27)
Field: WELD COUNTY (NAD83, TRUE NORTH) Well: TROUDT 1C-23-M
Facility: SEC.27-T06N-R66W Wellbore: TROUDT 1C-23-M PWB

Plot reference wellpath is TROUDT 1C-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)
Measured depths are referenced to PD 562 (25) (RKB)
PD 562 (25) (RKB) to Mean Sea Level: 4744 feet
Mean Sea Level to Mud line (At Slot: SLOT#05 TROUDT 1C-23-M (760'FNL & 1654'FWL, SEC.27)): 0 feet
Coordinates are in feet referenced to Slot
Scale: True distance
Depths are in feet
Created by: doddanna on 2017-09-18
Database: WellArchitectDB

Location Information

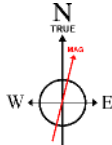
Facility Name				Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SEC.27-T06N-R66W				3203773.744	1412932.710	40°27'52.531"N	104°46'03.497"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	
SLOT#05 TROUDT 1C-23-M (760'FNL & 1654'FWL, SEC.27)	0.00	59.82	3203833.565	1412933.205	40°27'52.531"N	104°46'02.723"W	
PD 562 (25) (RKB) to Mud line (At Slot: SLOT#05 TROUDT 1C-23-M (760'FNL & 1654'FWL, SEC.27))						4744ft	
Mean Sea Level to Mud line (At Slot: SLOT#05 TROUDT 1C-23-M (760'FNL & 1654'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 1C-23-M PWB
1750.00	15338.67	BHI AutoTrak Curve	Custom BHI AutoTrak Curve (FR1, Short) (Rockies 0.03Gt model)		TROUDT 1C-23-M PWB

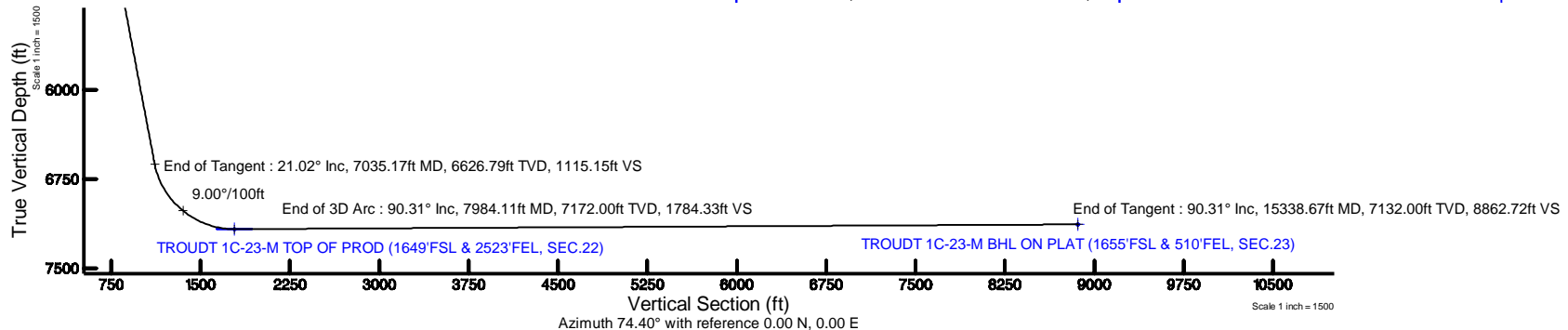


SRC ENERGY



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	-59.82	3203773.74	1412932.71	40°27'52.531"N	104°46'03.497"W
SEC.22-T06N-R66W		1.00	1412.72	-8068.97	3195753.51	1414279.17	40°28'06.478"N	104°47'47.123"W
SEC.23-T06N-R66W		1.00	4231.29	-1927.15	3201871.60	1417148.27	40°28'34.342"N	104°46'27.660"W
SEC.26-T06N-R66W		1.00	-4763.03	615.36	3204489.23	1408175.60	40°27'05.465"N	104°45'54.763"W
SEC.27-T06N-R66W		1.00	-4763.03	615.36	3204489.23	1408175.60	40°27'05.465"N	104°45'54.763"W
TROUDT 1C-23-M BHL ON PLAT (1655'FSL & 510'FEL, SEC.23)	15338.67	7132.00	2383.01	8536.34	3212349.60	1415386.56	40°28'16.064"N	104°44'12.271"W
TROUDT 1C-23-M TOP OF PROD (1649'FSL & 2523'FEL, SEC.22)	7984.11	7172.00	2402.33	1181.91	3204995.55	1415345.13	40°28'16.270"N	104°45'47.430"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	1693.37	0.00	0.00	358.83	88.73	TROUDT 1C-23-M PWB
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1693.37	0.00	0.00	358.83	88.73	TROUDT 1C-23-M PWB
8.5in Open Hole	1750.00	15338.67	13588.67	1693.37	7132.00	358.83	88.73	2383.01	8536.34	TROUDT 1C-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	13.889	25.00	0.00	0.00	0.00	0.00
End of Tangent	200.00	0.000	13.889	200.00	0.00	0.00	0.00	0.00
End of Build	1251.08	21.022	13.889	1227.65	185.09	45.77	2.00	93.85
End of Tangent	7035.17	21.022	13.889	6626.79	2199.29	543.83	0.00	1115.15
End of 3D Arc	7984.11	90.312	90.150	7172.00	2402.33	1181.91	9.00	1784.33
End of Tangent	15338.67	90.312	90.150	7132.00	2383.01	8536.34	0.00	8862.72

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~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	15338.67	:STOP MD
STEP	.ft	0.0	:STEP (non-uniform increment)
NULL	.	-999.99	:NULL
COMP	.	SRC ENERGY	:OPERATOR
WELL	.	TROUDT 1C-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#05 TROUDT 1C-23-M (760'FNL & 1654'FWL, SEC.27):SLOT	:SLOT
WELLBORE	.	TROUDT 1C-23-M PWB	:WELLBORE
WELLPATH	.	TROUDT 1C-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

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VSAZIMUTH.deg	74.40	: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	13.89	0.00	0.00	0.00	0.00	40.4645920	-104.7674230	0.00
25.00	0.00	13.89	25.00	0.00	0.00	0.00	40.4645920	-104.7674230	0.00
125.00	0.00	13.89	125.00	0.00	0.00	0.00	40.4645920	-104.7674230	0.00
200.00	0.00	13.89	200.00	0.00	0.00	0.00	40.4645920	-104.7674230	0.00
225.00	0.50	13.89	225.00	0.05	0.11	0.03	40.4645923	-104.7674229	2.00
325.00	2.50	13.89	324.96	1.34	2.65	0.65	40.4645993	-104.7674206	2.00
425.00	4.50	13.89	424.77	4.35	8.57	2.12	40.4646155	-104.7674154	2.00
525.00	6.50	13.89	524.30	9.06	17.88	4.42	40.4646411	-104.7674071	2.00
625.00	8.50	13.89	623.44	15.49	30.55	7.55	40.4646758	-104.7673959	2.00
725.00	10.50	13.89	722.07	23.61	46.57	11.52	40.4647198	-104.7673816	2.00
825.00	12.50	13.89	820.05	33.43	65.92	16.30	40.4647729	-104.7673644	2.00
925.00	14.50	13.89	917.29	44.92	88.58	21.90	40.4648351	-104.7673443	2.00
1025.00	16.50	13.89	1013.64	58.07	114.52	28.32	40.4649064	-104.7673212	2.00
1125.00	18.50	13.89	1109.01	72.87	143.71	35.54	40.4649865	-104.7672953	2.00
1225.00	20.50	13.89	1203.27	89.30	176.12	43.55	40.4650754	-104.7672665	2.00

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1251.08	21.02	13.89	1227.65	93.85	185.09	45.77	40.4651000	-104.7672585	2.00
1325.00	21.02	13.89	1296.66	106.90	210.83	52.13	40.4651707	-104.7672356	0.00
1425.00	21.02	13.89	1390.00	124.56	245.65	60.74	40.4652663	-104.7672047	0.00
1525.00	21.02	13.89	1483.35	142.22	280.48	69.36	40.4653619	-104.7671737	0.00
1625.00	21.02	13.89	1576.69	159.87	315.30	77.97	40.4654575	-104.7671428	0.00
1725.00	21.02	13.89	1670.04	177.53	350.12	86.58	40.4655530	-104.7671119	0.00
1825.00	21.02	13.89	1763.38	195.19	384.95	95.19	40.4656486	-104.7670809	0.00
1925.00	21.02	13.89	1856.72	212.84	419.77	103.80	40.4657442	-104.7670500	0.00
2025.00	21.02	13.89	1950.07	230.50	454.59	112.41	40.4658398	-104.7670190	0.00
2125.00	21.02	13.89	2043.41	248.16	489.42	121.02	40.4659354	-104.7669881	0.00
2225.00	21.02	13.89	2136.76	265.82	524.24	129.63	40.4660310	-104.7669571	0.00
2325.00	21.02	13.89	2230.10	283.47	559.06	138.24	40.4661266	-104.7669262	0.00
2425.00	21.02	13.89	2323.45	301.13	593.89	146.85	40.4662221	-104.7668952	0.00
2525.00	21.02	13.89	2416.79	318.79	628.71	155.46	40.4663177	-104.7668643	0.00
2625.00	21.02	13.89	2510.14	336.44	663.53	164.08	40.4664133	-104.7668333	0.00
2725.00	21.02	13.89	2603.48	354.10	698.35	172.69	40.4665089	-104.7668024	0.00
2825.00	21.02	13.89	2696.83	371.76	733.18	181.30	40.4666045	-104.7667714	0.00
2925.00	21.02	13.89	2790.17	389.41	768.00	189.91	40.4667001	-104.7667405	0.00
3025.00	21.02	13.89	2883.51	407.07	802.82	198.52	40.4667956	-104.7667095	0.00
3125.00	21.02	13.89	2976.86	424.73	837.65	207.13	40.4668912	-104.7666786	0.00
3225.00	21.02	13.89	3070.20	442.39	872.47	215.74	40.4669868	-104.7666476	0.00
3325.00	21.02	13.89	3163.55	460.04	907.29	224.35	40.4670824	-104.7666167	0.00
3425.00	21.02	13.89	3256.89	477.70	942.12	232.96	40.4671780	-104.7665857	0.00
3525.00	21.02	13.89	3350.24	495.36	976.94	241.57	40.4672736	-104.7665548	0.00
3625.00	21.02	13.89	3443.58	513.01	1011.76	250.18	40.4673691	-104.7665238	0.00
3725.00	21.02	13.89	3536.93	530.67	1046.58	258.80	40.4674647	-104.7664929	0.00
3825.00	21.02	13.89	3630.27	548.33	1081.41	267.41	40.4675603	-104.7664619	0.00
3925.00	21.02	13.89	3723.62	565.99	1116.23	276.02	40.4676559	-104.7664310	0.00
4025.00	21.02	13.89	3816.96	583.64	1151.05	284.63	40.4677515	-104.7664001	0.00
4125.00	21.02	13.89	3910.30	601.30	1185.88	293.24	40.4678471	-104.7663691	0.00
4225.00	21.02	13.89	4003.65	618.96	1220.70	301.85	40.4679427	-104.7663382	0.00
4325.00	21.02	13.89	4096.99	636.61	1255.52	310.46	40.4680382	-104.7663072	0.00
4425.00	21.02	13.89	4190.34	654.27	1290.35	319.07	40.4681338	-104.7662763	0.00
4525.00	21.02	13.89	4283.68	671.93	1325.17	327.68	40.4682294	-104.7662453	0.00

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4625.00	21.02	13.89	4377.03	689.58	1359.99	336.29	40.4683250	-104.7662144	0.00
4725.00	21.02	13.89	4470.37	707.24	1394.82	344.90	40.4684206	-104.7661834	0.00
4825.00	21.02	13.89	4563.72	724.90	1429.64	353.52	40.4685162	-104.7661525	0.00
4925.00	21.02	13.89	4657.06	742.56	1464.46	362.13	40.4686117	-104.7661215	0.00
5025.00	21.02	13.89	4750.41	760.21	1499.28	370.74	40.4687073	-104.7660906	0.00
5125.00	21.02	13.89	4843.75	777.87	1534.11	379.35	40.4688029	-104.7660596	0.00
5225.00	21.02	13.89	4937.10	795.53	1568.93	387.96	40.4688985	-104.7660287	0.00
5325.00	21.02	13.89	5030.44	813.18	1603.75	396.57	40.4689941	-104.7659977	0.00
5425.00	21.02	13.89	5123.78	830.84	1638.58	405.18	40.4690897	-104.7659668	0.00
5525.00	21.02	13.89	5217.13	848.50	1673.40	413.79	40.4691852	-104.7659358	0.00
5625.00	21.02	13.89	5310.47	866.16	1708.22	422.40	40.4692808	-104.7659049	0.00
5725.00	21.02	13.89	5403.82	883.81	1743.05	431.01	40.4693764	-104.7658739	0.00
5825.00	21.02	13.89	5497.16	901.47	1777.87	439.62	40.4694720	-104.7658430	0.00
5925.00	21.02	13.89	5590.51	919.13	1812.69	448.24	40.4695676	-104.7658120	0.00
6025.00	21.02	13.89	5683.85	936.78	1847.51	456.85	40.4696632	-104.7657811	0.00
6125.00	21.02	13.89	5777.20	954.44	1882.34	465.46	40.4697588	-104.7657501	0.00
6225.00	21.02	13.89	5870.54	972.10	1917.16	474.07	40.4698543	-104.7657192	0.00
6325.00	21.02	13.89	5963.89	989.75	1951.98	482.68	40.4699499	-104.7656882	0.00
6425.00	21.02	13.89	6057.23	1007.41	1986.81	491.29	40.4700455	-104.7656573	0.00
6525.00	21.02	13.89	6150.57	1025.07	2021.63	499.90	40.4701411	-104.7656263	0.00
6625.00	21.02	13.89	6243.92	1042.73	2056.45	508.51	40.4702367	-104.7655953	0.00
6725.00	21.02	13.89	6337.26	1060.38	2091.28	517.12	40.4703323	-104.7655644	0.00
6825.00	21.02	13.89	6430.61	1078.04	2126.10	525.73	40.4704278	-104.7655334	0.00
6925.00	21.02	13.89	6523.95	1095.70	2160.92	534.34	40.4705234	-104.7655025	0.00
7025.00	21.02	13.89	6617.30	1113.35	2195.75	542.96	40.4706190	-104.7654715	0.00
7035.17	21.02	13.89	6626.79	1115.15	2199.29	543.83	40.4706287	-104.7654684	0.00
7125.00	24.10	33.50	6709.85	1136.98	2230.27	557.84	40.4707138	-104.7654180	9.00
7225.00	29.70	49.19	6799.11	1174.90	2263.56	587.92	40.4708051	-104.7653099	9.00
7325.00	36.58	59.86	6882.86	1226.26	2294.78	632.54	40.4708908	-104.7651496	9.00
7425.00	44.15	67.43	6959.05	1289.81	2323.17	690.58	40.4709688	-104.7649409	9.00
7525.00	52.08	73.14	7025.79	1363.96	2348.03	760.63	40.4710370	-104.7646892	9.00
7625.00	60.24	77.72	7081.45	1446.90	2368.75	840.96	40.4710939	-104.7644005	9.00
7725.00	68.54	81.60	7124.65	1536.59	2384.81	929.59	40.4711379	-104.7640819	9.00
7825.00	76.91	85.06	7154.32	1630.81	2395.83	1024.34	40.4711682	-104.7637414	9.00

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7925.00	85.33	88.29	7169.75	1727.24	2401.53	1122.87	40.4711838	-104.7633872	9.00
7984.11	90.31	90.15	7172.00	1784.33	2402.33	1181.91	40.4711860	-104.7631750	9.00
8025.00	90.31	90.15	7171.78	1823.68	2402.22	1222.80	40.4711857	-104.7630280	0.00
8125.00	90.31	90.15	7171.23	1919.93	2401.96	1322.80	40.4711850	-104.7626686	0.00
8225.00	90.31	90.15	7170.69	2016.17	2401.70	1422.80	40.4711842	-104.7623092	0.00
8325.00	90.31	90.15	7170.15	2112.42	2401.44	1522.80	40.4711835	-104.7619498	0.00
8425.00	90.31	90.15	7169.60	2208.66	2401.17	1622.79	40.4711828	-104.7615904	0.00
8525.00	90.31	90.15	7169.06	2304.91	2400.91	1722.79	40.4711820	-104.7612310	0.00
8625.00	90.31	90.15	7168.51	2401.15	2400.65	1822.79	40.4711813	-104.7608716	0.00
8725.00	90.31	90.15	7167.97	2497.40	2400.39	1922.79	40.4711805	-104.7605122	0.00
8825.00	90.31	90.15	7167.43	2593.64	2400.12	2022.79	40.4711798	-104.7601528	0.00
8925.00	90.31	90.15	7166.88	2689.89	2399.86	2122.78	40.4711790	-104.7597934	0.00
9025.00	90.31	90.15	7166.34	2786.13	2399.60	2222.78	40.4711783	-104.7594339	0.00
9125.00	90.31	90.15	7165.79	2882.38	2399.33	2322.78	40.4711776	-104.7590745	0.00
9225.00	90.31	90.15	7165.25	2978.62	2399.07	2422.78	40.4711768	-104.7587151	0.00
9325.00	90.31	90.15	7164.71	3074.87	2398.81	2522.78	40.4711761	-104.7583557	0.00
9425.00	90.31	90.15	7164.16	3171.11	2398.55	2622.78	40.4711753	-104.7579963	0.00
9525.00	90.31	90.15	7163.62	3267.36	2398.28	2722.77	40.4711746	-104.7576369	0.00
9625.00	90.31	90.15	7163.08	3363.60	2398.02	2822.77	40.4711738	-104.7572775	0.00
9725.00	90.31	90.15	7162.53	3459.85	2397.76	2922.77	40.4711731	-104.7569181	0.00
9825.00	90.31	90.15	7161.99	3556.09	2397.50	3022.77	40.4711723	-104.7565587	0.00
9925.00	90.31	90.15	7161.44	3652.34	2397.23	3122.77	40.4711715	-104.7561993	0.00
10025.00	90.31	90.15	7160.90	3748.58	2396.97	3222.76	40.4711708	-104.7558398	0.00
10125.00	90.31	90.15	7160.36	3844.83	2396.71	3322.76	40.4711700	-104.7554804	0.00
10225.00	90.31	90.15	7159.81	3941.07	2396.45	3422.76	40.4711693	-104.7551210	0.00
10325.00	90.31	90.15	7159.27	4037.32	2396.18	3522.76	40.4711685	-104.7547616	0.00
10425.00	90.31	90.15	7158.72	4133.56	2395.92	3622.76	40.4711677	-104.7544022	0.00
10525.00	90.31	90.15	7158.18	4229.81	2395.66	3722.76	40.4711670	-104.7540428	0.00
10625.00	90.31	90.15	7157.64	4326.05	2395.39	3822.75	40.4711662	-104.7536834	0.00
10725.00	90.31	90.15	7157.09	4422.30	2395.13	3922.75	40.4711655	-104.7533240	0.00
10825.00	90.31	90.15	7156.55	4518.54	2394.87	4022.75	40.4711647	-104.7529646	0.00
10925.00	90.31	90.15	7156.01	4614.79	2394.61	4122.75	40.4711639	-104.7526052	0.00
11025.00	90.31	90.15	7155.46	4711.03	2394.34	4222.75	40.4711632	-104.7522457	0.00
11125.00	90.31	90.15	7154.92	4807.28	2394.08	4322.74	40.4711624	-104.7518863	0.00

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11225.00	90.31	90.15	7154.37	4903.52	2393.82	4422.74	40.4711616	-104.7515269	0.00
11325.00	90.31	90.15	7153.83	4999.76	2393.56	4522.74	40.4711609	-104.7511675	0.00
11425.00	90.31	90.15	7153.29	5096.01	2393.29	4622.74	40.4711601	-104.7508081	0.00
11525.00	90.31	90.15	7152.74	5192.25	2393.03	4722.74	40.4711593	-104.7504487	0.00
11625.00	90.31	90.15	7152.20	5288.50	2392.77	4822.74	40.4711585	-104.7500893	0.00
11725.00	90.31	90.15	7151.65	5384.74	2392.51	4922.73	40.4711578	-104.7497299	0.00
11825.00	90.31	90.15	7151.11	5480.99	2392.24	5022.73	40.4711570	-104.7493705	0.00
11925.00	90.31	90.15	7150.57	5577.23	2391.98	5122.73	40.4711562	-104.7490111	0.00
12025.00	90.31	90.15	7150.02	5673.48	2391.72	5222.73	40.4711554	-104.7486516	0.00
12125.00	90.31	90.15	7149.48	5769.72	2391.45	5322.73	40.4711546	-104.7482922	0.00
12225.00	90.31	90.15	7148.93	5865.97	2391.19	5422.72	40.4711539	-104.7479328	0.00
12325.00	90.31	90.15	7148.39	5962.21	2390.93	5522.72	40.4711531	-104.7475734	0.00
12425.00	90.31	90.15	7147.85	6058.46	2390.67	5622.72	40.4711523	-104.7472140	0.00
12525.00	90.31	90.15	7147.30	6154.70	2390.40	5722.72	40.4711515	-104.7468546	0.00
12625.00	90.31	90.15	7146.76	6250.95	2390.14	5822.72	40.4711507	-104.7464952	0.00
12725.00	90.31	90.15	7146.22	6347.19	2389.88	5922.72	40.4711499	-104.7461358	0.00
12825.00	90.31	90.15	7145.67	6443.44	2389.62	6022.71	40.4711492	-104.7457764	0.00
12925.00	90.31	90.15	7145.13	6539.68	2389.35	6122.71	40.4711484	-104.7454170	0.00
13025.00	90.31	90.15	7144.58	6635.93	2389.09	6222.71	40.4711476	-104.7450575	0.00
13125.00	90.31	90.15	7144.04	6732.17	2388.83	6322.71	40.4711468	-104.7446981	0.00
13225.00	90.31	90.15	7143.50	6828.42	2388.57	6422.71	40.4711460	-104.7443387	0.00
13325.00	90.31	90.15	7142.95	6924.66	2388.30	6522.70	40.4711452	-104.7439793	0.00
13425.00	90.31	90.15	7142.41	7020.91	2388.04	6622.70	40.4711444	-104.7436199	0.00
13525.00	90.31	90.15	7141.86	7117.15	2387.78	6722.70	40.4711436	-104.7432605	0.00
13625.00	90.31	90.15	7141.32	7213.40	2387.51	6822.70	40.4711428	-104.7429011	0.00
13725.00	90.31	90.15	7140.78	7309.64	2387.25	6922.70	40.4711420	-104.7425417	0.00
13825.00	90.31	90.15	7140.23	7405.89	2386.99	7022.70	40.4711412	-104.7421823	0.00
13925.00	90.31	90.15	7139.69	7502.13	2386.73	7122.69	40.4711404	-104.7418229	0.00
14025.00	90.31	90.15	7139.14	7598.38	2386.46	7222.69	40.4711396	-104.7414635	0.00
14125.00	90.31	90.15	7138.60	7694.62	2386.20	7322.69	40.4711388	-104.7411040	0.00
14225.00	90.31	90.15	7138.06	7790.87	2385.94	7422.69	40.4711380	-104.7407446	0.00
14325.00	90.31	90.15	7137.51	7887.11	2385.68	7522.69	40.4711372	-104.7403852	0.00
14425.00	90.31	90.15	7136.97	7983.36	2385.41	7622.68	40.4711364	-104.7400258	0.00
14525.00	90.31	90.15	7136.43	8079.60	2385.15	7722.68	40.4711356	-104.7396664	0.00

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14625.00	90.31	90.15	7135.88	8175.85	2384.89	7822.68	40.4711348	-104.7393070	0.00
14725.00	90.31	90.15	7135.34	8272.09	2384.63	7922.68	40.4711340	-104.7389476	0.00
14825.00	90.31	90.15	7134.79	8368.34	2384.36	8022.68	40.4711332	-104.7385882	0.00
14925.00	90.31	90.15	7134.25	8464.58	2384.10	8122.68	40.4711324	-104.7382288	0.00
15025.00	90.31	90.15	7133.71	8560.83	2383.84	8222.67	40.4711316	-104.7378694	0.00
15125.00	90.31	90.15	7133.16	8657.07	2383.57	8322.67	40.4711307	-104.7375099	0.00
15225.00	90.31	90.15	7132.62	8753.32	2383.31	8422.67	40.4711299	-104.7371505	0.00
15325.00	90.31	90.15	7132.07	8849.56	2383.05	8522.67	40.4711291	-104.7367911	0.00
15338.67	90.31	90.15	7132.00	8862.72	2383.01	8536.34	40.4711290	-104.7367420	0.00



Planned Wellpath Report

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

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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#05 TROUDT 1C-23-M (760'FNL & 1654'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 1C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 1C-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 10:20:54 AM
Convergence at slot	0.47° East	Database/Source file	WellArchitectDB/TROUDT_1C-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	59.82	3203833.57	1412933.21	40°27'52.531"N	104°46'02.723"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#05 TROUDT 1C-23-M (760'FNL & 1654'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	74.40°



Planned Wellpath Report

TROUDT 1C-23-M PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#05 TROUDT 1C-23-M (760'FNL & 1654'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 1C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 1C-23-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (160 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	13.889	0.00	0.00	0.00	0.00	0.00	
25.00	0.000	13.889	25.00	0.00	0.00	0.00	0.00	Tie On
125.00†	0.000	13.889	125.00	0.00	0.00	0.00	0.00	
200.00	0.000	13.889	200.00	0.00	0.00	0.00	0.00	End of Tangent
225.00†	0.500	13.889	225.00	0.05	0.11	0.03	2.00	
325.00†	2.500	13.889	324.96	1.34	2.65	0.65	2.00	
425.00†	4.500	13.889	424.77	4.35	8.57	2.12	2.00	
525.00†	6.500	13.889	524.30	9.06	17.88	4.42	2.00	
625.00†	8.500	13.889	623.44	15.49	30.55	7.55	2.00	
725.00†	10.500	13.889	722.07	23.61	46.57	11.52	2.00	
825.00†	12.500	13.889	820.05	33.43	65.92	16.30	2.00	
925.00†	14.500	13.889	917.29	44.92	88.58	21.90	2.00	
1025.00†	16.500	13.889	1013.64	58.07	114.52	28.32	2.00	
1125.00†	18.500	13.889	1109.01	72.87	143.71	35.54	2.00	
1225.00†	20.500	13.889	1203.27	89.30	176.12	43.55	2.00	
1251.08	21.022	13.889	1227.65	93.85	185.09	45.77	2.00	End of Build
1325.00†	21.022	13.889	1296.66	106.90	210.83	52.13	0.00	
1425.00†	21.022	13.889	1390.00	124.56	245.65	60.74	0.00	
1525.00†	21.022	13.889	1483.35	142.22	280.48	69.36	0.00	
1625.00†	21.022	13.889	1576.69	159.87	315.30	77.97	0.00	
1725.00†	21.022	13.889	1670.04	177.53	350.12	86.58	0.00	
1825.00†	21.022	13.889	1763.38	195.19	384.95	95.19	0.00	
1925.00†	21.022	13.889	1856.72	212.84	419.77	103.80	0.00	
2025.00†	21.022	13.889	1950.07	230.50	454.59	112.41	0.00	
2125.00†	21.022	13.889	2043.41	248.16	489.42	121.02	0.00	
2225.00†	21.022	13.889	2136.76	265.82	524.24	129.63	0.00	
2325.00†	21.022	13.889	2230.10	283.47	559.06	138.24	0.00	
2425.00†	21.022	13.889	2323.45	301.13	593.89	146.85	0.00	
2525.00†	21.022	13.889	2416.79	318.79	628.71	155.46	0.00	
2625.00†	21.022	13.889	2510.14	336.44	663.53	164.08	0.00	



Planned Wellpath Report

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

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#05 TROUDT 1C-23-M (760'FNL & 1654'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 1C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 1C-23-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (160 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
2725.00†	21.022	13.889	2603.48	354.10	698.35	172.69	0.00	
2825.00†	21.022	13.889	2696.83	371.76	733.18	181.30	0.00	
2925.00†	21.022	13.889	2790.17	389.41	768.00	189.91	0.00	
3025.00†	21.022	13.889	2883.51	407.07	802.82	198.52	0.00	
3125.00†	21.022	13.889	2976.86	424.73	837.65	207.13	0.00	
3225.00†	21.022	13.889	3070.20	442.39	872.47	215.74	0.00	
3325.00†	21.022	13.889	3163.55	460.04	907.29	224.35	0.00	
3425.00†	21.022	13.889	3256.89	477.70	942.12	232.96	0.00	
3525.00†	21.022	13.889	3350.24	495.36	976.94	241.57	0.00	
3625.00†	21.022	13.889	3443.58	513.01	1011.76	250.18	0.00	
3725.00†	21.022	13.889	3536.93	530.67	1046.58	258.80	0.00	
3825.00†	21.022	13.889	3630.27	548.33	1081.41	267.41	0.00	
3925.00†	21.022	13.889	3723.62	565.99	1116.23	276.02	0.00	
4025.00†	21.022	13.889	3816.96	583.64	1151.05	284.63	0.00	
4125.00†	21.022	13.889	3910.30	601.30	1185.88	293.24	0.00	
4225.00†	21.022	13.889	4003.65	618.96	1220.70	301.85	0.00	
4325.00†	21.022	13.889	4096.99	636.61	1255.52	310.46	0.00	
4425.00†	21.022	13.889	4190.34	654.27	1290.35	319.07	0.00	
4525.00†	21.022	13.889	4283.68	671.93	1325.17	327.68	0.00	
4625.00†	21.022	13.889	4377.03	689.58	1359.99	336.29	0.00	
4725.00†	21.022	13.889	4470.37	707.24	1394.82	344.90	0.00	
4825.00†	21.022	13.889	4563.72	724.90	1429.64	353.52	0.00	
4925.00†	21.022	13.889	4657.06	742.56	1464.46	362.13	0.00	
5025.00†	21.022	13.889	4750.41	760.21	1499.28	370.74	0.00	
5125.00†	21.022	13.889	4843.75	777.87	1534.11	379.35	0.00	
5225.00†	21.022	13.889	4937.10	795.53	1568.93	387.96	0.00	
5325.00†	21.022	13.889	5030.44	813.18	1603.75	396.57	0.00	
5425.00†	21.022	13.889	5123.78	830.84	1638.58	405.18	0.00	
5525.00†	21.022	13.889	5217.13	848.50	1673.40	413.79	0.00	
5625.00†	21.022	13.889	5310.47	866.16	1708.22	422.40	0.00	



Planned Wellpath Report

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

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#05 TROUDT 1C-23-M (760'FNL & 1654'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 1C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 1C-23-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (160 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
5725.00†	21.022	13.889	5403.82	883.81	1743.05	431.01	0.00	
5825.00†	21.022	13.889	5497.16	901.47	1777.87	439.62	0.00	
5925.00†	21.022	13.889	5590.51	919.13	1812.69	448.24	0.00	
6025.00†	21.022	13.889	5683.85	936.78	1847.51	456.85	0.00	
6125.00†	21.022	13.889	5777.20	954.44	1882.34	465.46	0.00	
6225.00†	21.022	13.889	5870.54	972.10	1917.16	474.07	0.00	
6325.00†	21.022	13.889	5963.89	989.75	1951.98	482.68	0.00	
6425.00†	21.022	13.889	6057.23	1007.41	1986.81	491.29	0.00	
6525.00†	21.022	13.889	6150.57	1025.07	2021.63	499.90	0.00	
6625.00†	21.022	13.889	6243.92	1042.73	2056.45	508.51	0.00	
6725.00†	21.022	13.889	6337.26	1060.38	2091.28	517.12	0.00	
6825.00†	21.022	13.889	6430.61	1078.04	2126.10	525.73	0.00	
6925.00†	21.022	13.889	6523.95	1095.70	2160.92	534.34	0.00	
7025.00†	21.022	13.889	6617.30	1113.35	2195.75	542.96	0.00	
7035.17	21.022	13.889	6626.79	1115.15	2199.29	543.83	0.00	End of Tangent
7125.00†	24.098	33.502	6709.85	1136.98	2230.27	557.84	9.00	
7225.00†	29.702	49.185	6799.11	1174.90	2263.56	587.92	9.00	
7325.00†	36.584	59.856	6882.86	1226.26	2294.78	632.54	9.00	
7425.00†	44.145	67.426	6959.05	1289.81	2323.17	690.58	9.00	
7525.00†	52.083	73.138	7025.79	1363.96	2348.03	760.63	9.00	
7625.00†	60.244	77.718	7081.45	1446.90	2368.75	840.96	9.00	
7725.00†	68.537	81.599	7124.65	1536.59	2384.81	929.59	9.00	
7825.00†	76.911	85.058	7154.32	1630.81	2395.83	1024.34	9.00	
7925.00†	85.328	88.287	7169.75	1727.24	2401.53	1122.87	9.00	
7984.11	90.312	90.150	7172.00 [†]	1784.33	2402.33	1181.91	9.00	End of 3D Arc
8025.00†	90.312	90.150	7171.78	1823.68	2402.22	1222.80	0.00	
8125.00†	90.312	90.150	7171.23	1919.93	2401.96	1322.80	0.00	
8225.00†	90.312	90.150	7170.69	2016.17	2401.70	1422.80	0.00	
8325.00†	90.312	90.150	7170.15	2112.42	2401.44	1522.80	0.00	
8425.00†	90.312	90.150	7169.60	2208.66	2401.17	1622.79	0.00	



Planned Wellpath Report

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

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#05 TROUDT 1C-23-M (760'FNL & 1654'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 1C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 1C-23-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (160 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
8525.00†	90.312	90.150	7169.06	2304.91	2400.91	1722.79	0.00	
8625.00†	90.312	90.150	7168.51	2401.15	2400.65	1822.79	0.00	
8725.00†	90.312	90.150	7167.97	2497.40	2400.39	1922.79	0.00	
8825.00†	90.312	90.150	7167.43	2593.64	2400.12	2022.79	0.00	
8925.00†	90.312	90.150	7166.88	2689.89	2399.86	2122.78	0.00	
9025.00†	90.312	90.150	7166.34	2786.13	2399.60	2222.78	0.00	
9125.00†	90.312	90.150	7165.79	2882.38	2399.33	2322.78	0.00	
9225.00†	90.312	90.150	7165.25	2978.62	2399.07	2422.78	0.00	
9325.00†	90.312	90.150	7164.71	3074.87	2398.81	2522.78	0.00	
9425.00†	90.312	90.150	7164.16	3171.11	2398.55	2622.78	0.00	
9525.00†	90.312	90.150	7163.62	3267.36	2398.28	2722.77	0.00	
9625.00†	90.312	90.150	7163.08	3363.60	2398.02	2822.77	0.00	
9725.00†	90.312	90.150	7162.53	3459.85	2397.76	2922.77	0.00	
9825.00†	90.312	90.150	7161.99	3556.09	2397.50	3022.77	0.00	
9925.00†	90.312	90.150	7161.44	3652.34	2397.23	3122.77	0.00	
10025.00†	90.312	90.150	7160.90	3748.58	2396.97	3222.76	0.00	
10125.00†	90.312	90.150	7160.36	3844.83	2396.71	3322.76	0.00	
10225.00†	90.312	90.150	7159.81	3941.07	2396.45	3422.76	0.00	
10325.00†	90.312	90.150	7159.27	4037.32	2396.18	3522.76	0.00	
10425.00†	90.312	90.150	7158.72	4133.56	2395.92	3622.76	0.00	
10525.00†	90.312	90.150	7158.18	4229.81	2395.66	3722.76	0.00	
10625.00†	90.312	90.150	7157.64	4326.05	2395.39	3822.75	0.00	
10725.00†	90.312	90.150	7157.09	4422.30	2395.13	3922.75	0.00	
10825.00†	90.312	90.150	7156.55	4518.54	2394.87	4022.75	0.00	
10925.00†	90.312	90.150	7156.01	4614.79	2394.61	4122.75	0.00	
11025.00†	90.312	90.150	7155.46	4711.03	2394.34	4222.75	0.00	
11125.00†	90.312	90.150	7154.92	4807.28	2394.08	4322.74	0.00	
11225.00†	90.312	90.150	7154.37	4903.52	2393.82	4422.74	0.00	
11325.00†	90.312	90.150	7153.83	4999.76	2393.56	4522.74	0.00	
11425.00†	90.312	90.150	7153.29	5096.01	2393.29	4622.74	0.00	



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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#05 TROUDT 1C-23-M (760'FNL & 1654'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 1C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 1C-23-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (160 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
11525.00†	90.312	90.150	7152.74	5192.25	2393.03	4722.74	0.00	
11625.00†	90.312	90.150	7152.20	5288.50	2392.77	4822.74	0.00	
11725.00†	90.312	90.150	7151.65	5384.74	2392.51	4922.73	0.00	
11825.00†	90.312	90.150	7151.11	5480.99	2392.24	5022.73	0.00	
11925.00†	90.312	90.150	7150.57	5577.23	2391.98	5122.73	0.00	
12025.00†	90.312	90.150	7150.02	5673.48	2391.72	5222.73	0.00	
12125.00†	90.312	90.150	7149.48	5769.72	2391.45	5322.73	0.00	
12225.00†	90.312	90.150	7148.93	5865.97	2391.19	5422.72	0.00	
12325.00†	90.312	90.150	7148.39	5962.21	2390.93	5522.72	0.00	
12425.00†	90.312	90.150	7147.85	6058.46	2390.67	5622.72	0.00	
12525.00†	90.312	90.150	7147.30	6154.70	2390.40	5722.72	0.00	
12625.00†	90.312	90.150	7146.76	6250.95	2390.14	5822.72	0.00	
12725.00†	90.312	90.150	7146.22	6347.19	2389.88	5922.72	0.00	
12825.00†	90.312	90.150	7145.67	6443.44	2389.62	6022.71	0.00	
12925.00†	90.312	90.150	7145.13	6539.68	2389.35	6122.71	0.00	
13025.00†	90.312	90.150	7144.58	6635.93	2389.09	6222.71	0.00	
13125.00†	90.312	90.150	7144.04	6732.17	2388.83	6322.71	0.00	
13225.00†	90.312	90.150	7143.50	6828.42	2388.57	6422.71	0.00	
13325.00†	90.312	90.150	7142.95	6924.66	2388.30	6522.70	0.00	
13425.00†	90.312	90.150	7142.41	7020.91	2388.04	6622.70	0.00	
13525.00†	90.312	90.150	7141.86	7117.15	2387.78	6722.70	0.00	
13625.00†	90.312	90.150	7141.32	7213.40	2387.51	6822.70	0.00	
13725.00†	90.312	90.150	7140.78	7309.64	2387.25	6922.70	0.00	
13825.00†	90.312	90.150	7140.23	7405.89	2386.99	7022.70	0.00	
13925.00†	90.312	90.150	7139.69	7502.13	2386.73	7122.69	0.00	
14025.00†	90.312	90.150	7139.14	7598.38	2386.46	7222.69	0.00	
14125.00†	90.312	90.150	7138.60	7694.62	2386.20	7322.69	0.00	
14225.00†	90.312	90.150	7138.06	7790.87	2385.94	7422.69	0.00	
14325.00†	90.312	90.150	7137.51	7887.11	2385.68	7522.69	0.00	
14425.00†	90.312	90.150	7136.97	7983.36	2385.41	7622.68	0.00	



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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#05 TROUDT 1C-23-M (760'FNL & 1654'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 1C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 1C-23-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (160 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
14525.00†	90.312	90.150	7136.43	8079.60	2385.15	7722.68	0.00	
14625.00†	90.312	90.150	7135.88	8175.85	2384.89	7822.68	0.00	
14725.00†	90.312	90.150	7135.34	8272.09	2384.63	7922.68	0.00	
14825.00†	90.312	90.150	7134.79	8368.34	2384.36	8022.68	0.00	
14925.00†	90.312	90.150	7134.25	8464.58	2384.10	8122.68	0.00	
15025.00†	90.312	90.150	7133.71	8560.83	2383.84	8222.67	0.00	
15125.00†	90.312	90.150	7133.16	8657.07	2383.57	8322.67	0.00	
15225.00†	90.312	90.150	7132.62	8753.32	2383.31	8422.67	0.00	
15325.00†	90.312	90.150	7132.07	8849.56	2383.05	8522.67	0.00	
15338.67	90.312	90.150	7132.00 ²	8862.72	2383.01	8536.34	0.00	End of Tangent

HOLE & CASING SECTIONS - Ref Wellbore: TROUDT 1C-23-M PWB Ref Wellpath: TROUDT 1C-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	1693.37	0.00	0.00	358.83	88.73
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1693.37	0.00	0.00	358.83	88.73
8.5in Open Hole	1750.00	15338.67	13588.67	1693.37	7132.00	358.83	88.73	2383.01	8536.34



Planned Wellpath Report

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

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#05 TROUDT 1C-23-M (760'FNL & 1654'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 1C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 1C-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	-59.82	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	-59.82	3203773.74	1412932.71	40°27'52.531"N	104°46'03.497"W	polygon
SEC.22-T06N-R66W		1.00	1412.72	-8068.97	3195753.51	1414279.17	40°28'06.478"N	104°47'47.123"W	polygon
SEC.23-T06N-R66W		1.00	4231.29	-1927.15	3201871.60	1417148.27	40°28'34.342"N	104°46'27.660"W	polygon
SEC.26-T06N-R66W		1.00	-4763.03	615.36	3204488.23	1408175.60	40°27'05.465"N	104°45'54.763"W	polygon
SEC.27-T06N-R66W		1.00	-4763.03	615.36	3204488.23	1408175.60	40°27'05.465"N	104°45'54.763"W	polygon
2) TROUDT 1C-23-M BHL ON PLAT (1655'FSL & 510'FEL, SEC.23)	15338.67	7132.00	2383.01	8536.34	3212349.60	1415386.56	40°28'16.064"N	104°44'12.271"W	circle
1) TROUDT 1C-23-M TOP OF PROD (1649'FSL & 2523'FEL, SEC.22)	7984.11	7172.00	2402.33	1181.91	3204995.55	1415345.13	40°28'16.270"N	104°45'47.430"W	circle

SURVEY PROGRAM - Ref Wellbore: TROUDT 1C-23-M PWB Ref Wellpath: TROUDT 1C-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 1C-23-M PWB
1750.00	15338.67	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		TROUDT 1C-23-M PWB