

SRC ENERGY

Location: COLORADO Slot: SLOT#11 TROUDT 40C-23-M (760'FNL & 1745'FWL, SEC.27)
Field: WELD COUNTY (NAD83,TRUE NORTH) Well: TROUDT 40C-23-M
Facility: SEC.27-T06N-R66W Wellbore: TROUDT 40C-23-M PWB

Plot reference wellpath is TROUDT 40C-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#11 TROUDT 40C-23-M (760'FNL & 1745'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

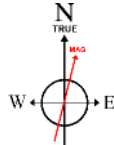
Facility Name				Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SEC.27-T06N-R66W				3203773.744	1412932.710	40°27'52.531"N	104°46'03.497"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	
SLOT#11 TROUDT 40C-23-M (760'FNL & 1745'FWL, SEC.27)	0.00	149.98	3203823.713	1412933.950	40°27'52.531"N	104°46'01.556"W	
PD 562 (25) (RKB) to Mud line (At Slot: SLOT#11 TROUDT 40C-23-M (760'FNL & 1745'FWL, SEC.27))						4744ft	
Mean Sea Level to Mud line (At Slot: SLOT#11 TROUDT 40C-23-M (760'FNL & 1745'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 Cor) (Rockies 0.03Gr model)		TROUDT 40C-23-M PWB
1750.00	14980.82	BHI AutoTrak Curve	Custom BHI AutoTrak Curve (FRT1, Short) (Rockies 0.03Gr model)		TROUDT 40C-23-M PWB

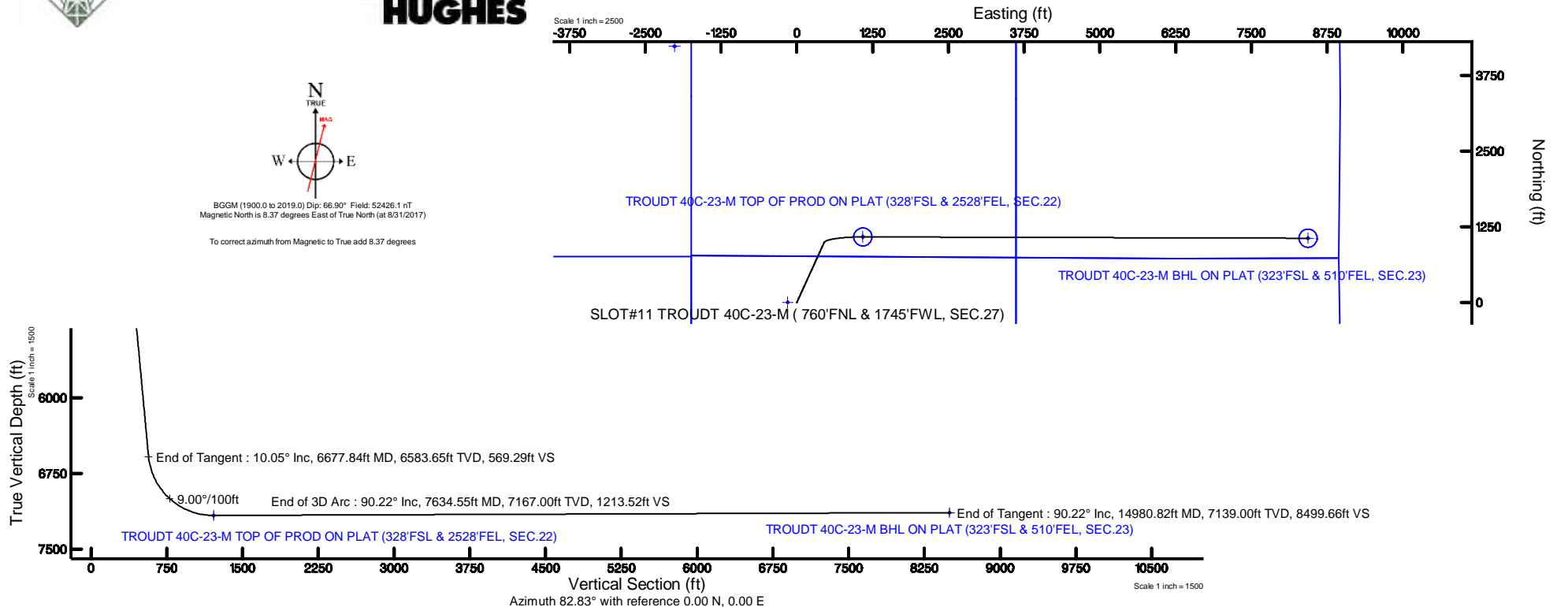


SRC ENERGY



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	-149.98	3203773.74	1412932.71	40°27'52.531"N	104°46'03.497"W
SEC.22-T06N-R66W		1.00	1412.75	-8159.12	3195753.51	1414279.17	40°28'06.478"N	104°47'47.123"W
SEC.23-T06N-R66W		1.00	4231.30	-2017.29	3201871.60	1417148.27	40°28'34.342"N	104°46'27.660"W
SEC.26-T06N-R66W		1.00	-4763.04	525.19	3204488.23	1408175.60	40°27'05.465"N	104°45'54.763"W
SEC.27-T06N-R66W		1.00	-4763.04	525.19	3204488.23	1408175.60	40°27'05.465"N	104°45'54.763"W
TROUDT 40C-23-M BHL ON PLAT (323FSL & 510FEL, SEC.23)	14980.82	7139.00	1060.14	8433.29	3212347.63	1414063.72	40°28'02.993"N	104°44'12.444"W
TROUDT 40C-23-M TOP OF PROD ON PLAT (328FSL & 2528FEL, SEC.22)	7634.55	7167.00	1081.68	1087.10	3205001.79	1414024.53	40°28'03.220"N	104°44'47.491"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	1731.37	0.00	0.00	206.37	93.79	TROUDT 40C-23-M PWB
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1731.37	0.00	0.00	206.37	93.79	TROUDT 40C-23-M PWB
8.5in Open Hole	1750.00	14980.82	13230.82	1731.37	7139.00	206.37	93.79	1060.14	8433.28	TROUDT 40C-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	24.440	25.00	0.00	0.00	0.00	0.00
End of Tangent	200.00	0.000	24.440	200.00	0.00	0.00	0.00	0.00
End of Build	702.31	10.046	24.440	699.74	39.99	18.17	2.00	23.02
End of Tangent	6677.84	10.046	24.440	6583.65	988.97	449.45	0.00	569.29
End of 3D Arc	7634.55	90.218	90.168	7167.00	1081.68	1087.10	9.00	1213.52
End of Tangent	14980.82	90.218	90.168	7139.00	1060.14	8433.29	0.00	8499.66

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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	14980.82	:STOP MD
STEP	.ft	0.0	:STEP (non-uniform increment)
NULL	.	-999.99	:NULL
COMP	.	SRC ENERGY	:OPERATOR
WELL	.	TROUDT 40C-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#11 TROUDT 40C-23-M (760'FNL & 1745'FWL, SEC.27):SLOT	:SLOT
WELLBORE	.	TROUDT 40C-23-M PWB	:WELLBORE
WELLPATH	.	TROUDT 40C-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	82.83	: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	24.44	0.00	0.00	0.00	0.00	40.4645920	-104.7670990	0.00
25.00	0.00	24.44	25.00	0.00	0.00	0.00	40.4645920	-104.7670990	0.00
125.00	0.00	24.44	125.00	0.00	0.00	0.00	40.4645920	-104.7670990	0.00
200.00	0.00	24.44	200.00	0.00	0.00	0.00	40.4645920	-104.7670990	0.00
225.00	0.50	24.44	225.00	0.06	0.10	0.05	40.4645923	-104.7670988	2.00
325.00	2.50	24.44	324.96	1.43	2.48	1.13	40.4645988	-104.7670949	2.00
425.00	4.50	24.44	424.77	4.63	8.04	3.65	40.4646141	-104.7670859	2.00
525.00	6.50	24.44	524.30	9.65	16.77	7.62	40.4646380	-104.7670716	2.00
625.00	8.50	24.44	623.44	16.49	28.65	13.02	40.4646706	-104.7670522	2.00
702.31	10.05	24.44	699.74	23.02	39.99	18.17	40.4647018	-104.7670337	2.00
725.00	10.05	24.44	722.08	25.09	43.59	19.81	40.4647117	-104.7670278	0.00
825.00	10.05	24.44	820.55	34.24	59.47	27.03	40.4647552	-104.7670019	0.00
925.00	10.05	24.44	919.02	43.38	75.35	34.25	40.4647988	-104.7669759	0.00
1025.00	10.05	24.44	1017.48	52.52	91.24	41.46	40.4648424	-104.7669500	0.00
1125.00	10.05	24.44	1115.95	61.66	107.12	48.68	40.4648860	-104.7669241	0.00

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1225.00	10.05	24.44	1214.42	70.80	123.00	55.90	40.4649296	-104.7668981	0.00
1325.00	10.05	24.44	1312.88	79.94	138.88	63.11	40.4649732	-104.7668722	0.00
1425.00	10.05	24.44	1411.35	89.09	154.76	70.33	40.4650168	-104.7668462	0.00
1525.00	10.05	24.44	1509.82	98.23	170.64	77.55	40.4650604	-104.7668203	0.00
1625.00	10.05	24.44	1608.28	107.37	186.52	84.77	40.4651040	-104.7667944	0.00
1725.00	10.05	24.44	1706.75	116.51	202.40	91.98	40.4651476	-104.7667684	0.00
1825.00	10.05	24.44	1805.22	125.65	218.28	99.20	40.4651912	-104.7667425	0.00
1925.00	10.05	24.44	1903.68	134.79	234.17	106.42	40.4652348	-104.7667165	0.00
2025.00	10.05	24.44	2002.15	143.94	250.05	113.64	40.4652783	-104.7666906	0.00
2125.00	10.05	24.44	2100.62	153.08	265.93	120.85	40.4653219	-104.7666647	0.00
2225.00	10.05	24.44	2199.08	162.22	281.81	128.07	40.4653655	-104.7666387	0.00
2325.00	10.05	24.44	2297.55	171.36	297.69	135.29	40.4654091	-104.7666128	0.00
2425.00	10.05	24.44	2396.02	180.50	313.57	142.51	40.4654527	-104.7665869	0.00
2525.00	10.05	24.44	2494.48	189.65	329.45	149.72	40.4654963	-104.7665609	0.00
2625.00	10.05	24.44	2592.95	198.79	345.33	156.94	40.4655399	-104.7665350	0.00
2725.00	10.05	24.44	2691.42	207.93	361.22	164.16	40.4655835	-104.7665090	0.00
2825.00	10.05	24.44	2789.88	217.07	377.10	171.37	40.4656271	-104.7664831	0.00
2925.00	10.05	24.44	2888.35	226.21	392.98	178.59	40.4656707	-104.7664572	0.00
3025.00	10.05	24.44	2986.82	235.35	408.86	185.81	40.4657143	-104.7664312	0.00
3125.00	10.05	24.44	3085.28	244.50	424.74	193.03	40.4657579	-104.7664053	0.00
3225.00	10.05	24.44	3183.75	253.64	440.62	200.24	40.4658014	-104.7663793	0.00
3325.00	10.05	24.44	3282.22	262.78	456.50	207.46	40.4658450	-104.7663534	0.00
3425.00	10.05	24.44	3380.68	271.92	472.38	214.68	40.4658886	-104.7663275	0.00
3525.00	10.05	24.44	3479.15	281.06	488.26	221.90	40.4659322	-104.7663015	0.00
3625.00	10.05	24.44	3577.62	290.20	504.15	229.11	40.4659758	-104.7662756	0.00
3725.00	10.05	24.44	3676.08	299.35	520.03	236.33	40.4660194	-104.7662497	0.00
3825.00	10.05	24.44	3774.55	308.49	535.91	243.55	40.4660630	-104.7662237	0.00
3925.00	10.05	24.44	3873.02	317.63	551.79	250.76	40.4661066	-104.7661978	0.00
4025.00	10.05	24.44	3971.48	326.77	567.67	257.98	40.4661502	-104.7661718	0.00
4125.00	10.05	24.44	4069.95	335.91	583.55	265.20	40.4661938	-104.7661459	0.00
4225.00	10.05	24.44	4168.42	345.06	599.43	272.42	40.4662374	-104.7661200	0.00
4325.00	10.05	24.44	4266.88	354.20	615.31	279.63	40.4662810	-104.7660940	0.00
4425.00	10.05	24.44	4365.35	363.34	631.19	286.85	40.4663245	-104.7660681	0.00
4525.00	10.05	24.44	4463.82	372.48	647.08	294.07	40.4663681	-104.7660421	0.00

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4625.00	10.05	24.44	4562.29	381.62	662.96	301.29	40.4664117	-104.7660162	0.00
4725.00	10.05	24.44	4660.75	390.76	678.84	308.50	40.4664553	-104.7659903	0.00
4825.00	10.05	24.44	4759.22	399.91	694.72	315.72	40.4664989	-104.7659643	0.00
4925.00	10.05	24.44	4857.69	409.05	710.60	322.94	40.4665425	-104.7659384	0.00
5025.00	10.05	24.44	4956.15	418.19	726.48	330.16	40.4665861	-104.7659124	0.00
5125.00	10.05	24.44	5054.62	427.33	742.36	337.37	40.4666297	-104.7658865	0.00
5225.00	10.05	24.44	5153.09	436.47	758.24	344.59	40.4666733	-104.7658606	0.00
5325.00	10.05	24.44	5251.55	445.62	774.13	351.81	40.4667169	-104.7658346	0.00
5425.00	10.05	24.44	5350.02	454.76	790.01	359.02	40.4667605	-104.7658087	0.00
5525.00	10.05	24.44	5448.49	463.90	805.89	366.24	40.4668040	-104.7657827	0.00
5625.00	10.05	24.44	5546.95	473.04	821.77	373.46	40.4668476	-104.7657568	0.00
5725.00	10.05	24.44	5645.42	482.18	837.65	380.68	40.4668912	-104.7657309	0.00
5825.00	10.05	24.44	5743.89	491.32	853.53	387.89	40.4669348	-104.7657049	0.00
5925.00	10.05	24.44	5842.35	500.47	869.41	395.11	40.4669784	-104.7656790	0.00
6025.00	10.05	24.44	5940.82	509.61	885.29	402.33	40.4670220	-104.7656531	0.00
6125.00	10.05	24.44	6039.29	518.75	901.17	409.55	40.4670656	-104.7656271	0.00
6225.00	10.05	24.44	6137.75	527.89	917.06	416.76	40.4671092	-104.7656012	0.00
6325.00	10.05	24.44	6236.22	537.03	932.94	423.98	40.4671528	-104.7655752	0.00
6425.00	10.05	24.44	6334.69	546.17	948.82	431.20	40.4671964	-104.7655493	0.00
6525.00	10.05	24.44	6433.15	555.32	964.70	438.42	40.4672400	-104.7655234	0.00
6625.00	10.05	24.44	6531.62	564.46	980.58	445.63	40.4672836	-104.7654974	0.00
6677.84	10.05	24.44	6583.65	569.29	988.97	449.45	40.4673066	-104.7654837	0.00
6725.00	12.39	42.82	6629.92	575.32	996.43	454.59	40.4673271	-104.7654652	9.00
6825.00	19.57	63.12	6726.07	599.35	1011.90	476.86	40.4673695	-104.7653852	9.00
6925.00	27.80	72.30	6817.59	638.12	1026.59	514.09	40.4674098	-104.7652514	9.00
7025.00	36.38	77.47	6902.25	690.69	1040.14	565.37	40.4674470	-104.7650671	9.00
7125.00	45.11	80.88	6977.95	755.75	1052.22	629.43	40.4674802	-104.7648369	9.00
7225.00	53.91	83.37	7042.83	831.71	1062.52	704.69	40.4675084	-104.7645664	9.00
7325.00	62.75	85.36	7095.29	916.69	1070.79	789.29	40.4675311	-104.7642623	9.00
7425.00	71.61	87.06	7134.04	1008.60	1076.84	881.17	40.4675477	-104.7639321	9.00
7525.00	80.49	88.58	7158.13	1105.18	1080.50	978.05	40.4675578	-104.7635839	9.00
7625.00	89.37	90.03	7166.97	1204.05	1081.70	1077.55	40.4675610	-104.7632263	9.00
7634.55	90.22	90.17	7167.00	1213.52	1081.68	1087.10	40.4675610	-104.7631920	9.00
7725.00	90.22	90.17	7166.66	1303.24	1081.41	1177.55	40.4675603	-104.7628669	0.00

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7825.00	90.22	90.17	7166.27	1402.42	1081.12	1277.55	40.4675594	-104.7625075	0.00
7925.00	90.22	90.17	7165.89	1501.60	1080.83	1377.55	40.4675586	-104.7621481	0.00
8025.00	90.22	90.17	7165.51	1600.78	1080.53	1477.54	40.4675578	-104.7617887	0.00
8125.00	90.22	90.17	7165.13	1699.96	1080.24	1577.54	40.4675570	-104.7614293	0.00
8225.00	90.22	90.17	7164.75	1799.14	1079.95	1677.54	40.4675562	-104.7610700	0.00
8325.00	90.22	90.17	7164.37	1898.32	1079.66	1777.54	40.4675553	-104.7607106	0.00
8425.00	90.22	90.17	7163.99	1997.50	1079.36	1877.54	40.4675545	-104.7603512	0.00
8525.00	90.22	90.17	7163.61	2096.69	1079.07	1977.54	40.4675537	-104.7599918	0.00
8625.00	90.22	90.17	7163.22	2195.87	1078.78	2077.54	40.4675529	-104.7596324	0.00
8725.00	90.22	90.17	7162.84	2295.05	1078.48	2177.54	40.4675520	-104.7592730	0.00
8825.00	90.22	90.17	7162.46	2394.23	1078.19	2277.54	40.4675512	-104.7589136	0.00
8925.00	90.22	90.17	7162.08	2493.41	1077.90	2377.53	40.4675504	-104.7585542	0.00
9025.00	90.22	90.17	7161.70	2592.59	1077.60	2477.53	40.4675495	-104.7581948	0.00
9125.00	90.22	90.17	7161.32	2691.77	1077.31	2577.53	40.4675487	-104.7578354	0.00
9225.00	90.22	90.17	7160.94	2790.96	1077.02	2677.53	40.4675479	-104.7574760	0.00
9325.00	90.22	90.17	7160.56	2890.14	1076.72	2777.53	40.4675470	-104.7571166	0.00
9425.00	90.22	90.17	7160.18	2989.32	1076.43	2877.53	40.4675462	-104.7567572	0.00
9525.00	90.22	90.17	7159.79	3088.50	1076.14	2977.53	40.4675454	-104.7563978	0.00
9625.00	90.22	90.17	7159.41	3187.68	1075.84	3077.53	40.4675445	-104.7560384	0.00
9725.00	90.22	90.17	7159.03	3286.86	1075.55	3177.53	40.4675437	-104.7556791	0.00
9825.00	90.22	90.17	7158.65	3386.04	1075.26	3277.52	40.4675428	-104.7553197	0.00
9925.00	90.22	90.17	7158.27	3485.23	1074.96	3377.52	40.4675420	-104.7549603	0.00
10025.00	90.22	90.17	7157.89	3584.41	1074.67	3477.52	40.4675412	-104.7546009	0.00
10125.00	90.22	90.17	7157.51	3683.59	1074.38	3577.52	40.4675403	-104.7542415	0.00
10225.00	90.22	90.17	7157.13	3782.77	1074.09	3677.52	40.4675395	-104.7538821	0.00
10325.00	90.22	90.17	7156.75	3881.95	1073.79	3777.52	40.4675386	-104.7535227	0.00
10425.00	90.22	90.17	7156.36	3981.13	1073.50	3877.52	40.4675378	-104.7531633	0.00
10525.00	90.22	90.17	7155.98	4080.31	1073.21	3977.52	40.4675369	-104.7528039	0.00
10625.00	90.22	90.17	7155.60	4179.50	1072.91	4077.51	40.4675361	-104.7524445	0.00
10725.00	90.22	90.17	7155.22	4278.68	1072.62	4177.51	40.4675352	-104.7520851	0.00
10825.00	90.22	90.17	7154.84	4377.86	1072.33	4277.51	40.4675344	-104.7517257	0.00
10925.00	90.22	90.17	7154.46	4477.04	1072.03	4377.51	40.4675335	-104.7513663	0.00
11025.00	90.22	90.17	7154.08	4576.22	1071.74	4477.51	40.4675327	-104.7510069	0.00
11125.00	90.22	90.17	7153.70	4675.40	1071.45	4577.51	40.4675318	-104.7506476	0.00

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11225.00	90.22	90.17	7153.32	4774.58	1071.15	4677.51	40.4675310	-104.7502882	0.00
11325.00	90.22	90.17	7152.93	4873.77	1070.86	4777.51	40.4675301	-104.7499288	0.00
11425.00	90.22	90.17	7152.55	4972.95	1070.57	4877.51	40.4675292	-104.7495694	0.00
11525.00	90.22	90.17	7152.17	5072.13	1070.27	4977.50	40.4675284	-104.7492100	0.00
11625.00	90.22	90.17	7151.79	5171.31	1069.98	5077.50	40.4675275	-104.7488506	0.00
11725.00	90.22	90.17	7151.41	5270.49	1069.69	5177.50	40.4675267	-104.7484912	0.00
11825.00	90.22	90.17	7151.03	5369.67	1069.40	5277.50	40.4675258	-104.7481318	0.00
11925.00	90.22	90.17	7150.65	5468.85	1069.10	5377.50	40.4675249	-104.7477724	0.00
12025.00	90.22	90.17	7150.27	5568.03	1068.81	5477.50	40.4675241	-104.7474130	0.00
12125.00	90.22	90.17	7149.88	5667.22	1068.52	5577.50	40.4675232	-104.7470536	0.00
12225.00	90.22	90.17	7149.50	5766.40	1068.22	5677.50	40.4675223	-104.7466942	0.00
12325.00	90.22	90.17	7149.12	5865.58	1067.93	5777.50	40.4675215	-104.7463348	0.00
12425.00	90.22	90.17	7148.74	5964.76	1067.64	5877.49	40.4675206	-104.7459754	0.00
12525.00	90.22	90.17	7148.36	6063.94	1067.34	5977.49	40.4675197	-104.7456161	0.00
12625.00	90.22	90.17	7147.98	6163.12	1067.05	6077.49	40.4675189	-104.7452567	0.00
12725.00	90.22	90.17	7147.60	6262.30	1066.76	6177.49	40.4675180	-104.7448973	0.00
12825.00	90.22	90.17	7147.22	6361.49	1066.46	6277.49	40.4675171	-104.7445379	0.00
12925.00	90.22	90.17	7146.84	6460.67	1066.17	6377.49	40.4675162	-104.7441785	0.00
13025.00	90.22	90.17	7146.45	6559.85	1065.88	6477.49	40.4675154	-104.7438191	0.00
13125.00	90.22	90.17	7146.07	6659.03	1065.58	6577.49	40.4675145	-104.7434597	0.00
13225.00	90.22	90.17	7145.69	6758.21	1065.29	6677.48	40.4675136	-104.7431003	0.00
13325.00	90.22	90.17	7145.31	6857.39	1065.00	6777.48	40.4675127	-104.7427409	0.00
13425.00	90.22	90.17	7144.93	6956.57	1064.71	6877.48	40.4675118	-104.7423815	0.00
13525.00	90.22	90.17	7144.55	7055.76	1064.41	6977.48	40.4675110	-104.7420221	0.00
13625.00	90.22	90.17	7144.17	7154.94	1064.12	7077.48	40.4675101	-104.7416627	0.00
13725.00	90.22	90.17	7143.79	7254.12	1063.83	7177.48	40.4675092	-104.7413033	0.00
13825.00	90.22	90.17	7143.41	7353.30	1063.53	7277.48	40.4675083	-104.7409439	0.00
13925.00	90.22	90.17	7143.02	7452.48	1063.24	7377.48	40.4675074	-104.7405846	0.00
14025.00	90.22	90.17	7142.64	7551.66	1062.95	7477.48	40.4675065	-104.7402252	0.00
14125.00	90.22	90.17	7142.26	7650.84	1062.65	7577.47	40.4675056	-104.7398658	0.00
14225.00	90.22	90.17	7141.88	7750.03	1062.36	7677.47	40.4675048	-104.7395064	0.00
14325.00	90.22	90.17	7141.50	7849.21	1062.07	7777.47	40.4675039	-104.7391470	0.00
14425.00	90.22	90.17	7141.12	7948.39	1061.77	7877.47	40.4675030	-104.7387876	0.00
14525.00	90.22	90.17	7140.74	8047.57	1061.48	7977.47	40.4675021	-104.7384282	0.00

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14625.00	90.22	90.17	7140.36	8146.75	1061.19	8077.47	40.4675012	-104.7380688	0.00
14725.00	90.22	90.17	7139.98	8245.93	1060.89	8177.47	40.4675003	-104.7377094	0.00
14825.00	90.22	90.17	7139.59	8345.11	1060.60	8277.47	40.4674994	-104.7373500	0.00
14925.00	90.22	90.17	7139.21	8444.30	1060.31	8377.46	40.4674985	-104.7369906	0.00
14980.82	90.22	90.17	7139.00	8499.66	1060.14	8433.29	40.4674980	-104.7367900	0.00



Planned Wellpath Report

TROUDT 40C-23-M PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#11 TROUDT 40C-23-M (760'FNL & 1745'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 40C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 40C-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 3:01:19 PM
Convergence at slot	0.47° East	Database/Source file	WellArchitectDB/TROUDT_40C-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	149.98	3203923.71	1412933.95	40°27'52.531"N	104°46'01.556"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#11 TROUDT 40C-23-M (760'FNL & 1745'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	82.83°



Planned Wellpath Report

TROUDT 40C-23-M PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#11 TROUDT 40C-23-M (760'FNL & 1745'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 40C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 40C-23-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (156 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	24.440	0.00	0.00	0.00	0.00	0.00	
25.00	0.000	24.440	25.00	0.00	0.00	0.00	0.00	Tie On
125.00†	0.000	24.440	125.00	0.00	0.00	0.00	0.00	
200.00	0.000	24.440	200.00	0.00	0.00	0.00	0.00	End of Tangent
225.00†	0.500	24.440	225.00	0.06	0.10	0.05	2.00	
325.00†	2.500	24.440	324.96	1.43	2.48	1.13	2.00	
425.00†	4.500	24.440	424.77	4.63	8.04	3.65	2.00	
525.00†	6.500	24.440	524.30	9.65	16.77	7.62	2.00	
625.00†	8.500	24.440	623.44	16.49	28.65	13.02	2.00	
702.31	10.046	24.440	699.74	23.02	39.99	18.17	2.00	End of Build
725.00†	10.046	24.440	722.08	25.09	43.59	19.81	0.00	
825.00†	10.046	24.440	820.55	34.24	59.47	27.03	0.00	
925.00†	10.046	24.440	919.02	43.38	75.35	34.25	0.00	
1025.00†	10.046	24.440	1017.48	52.52	91.24	41.46	0.00	
1125.00†	10.046	24.440	1115.95	61.66	107.12	48.68	0.00	
1225.00†	10.046	24.440	1214.42	70.80	123.00	55.90	0.00	
1325.00†	10.046	24.440	1312.88	79.94	138.88	63.11	0.00	
1425.00†	10.046	24.440	1411.35	89.09	154.76	70.33	0.00	
1525.00†	10.046	24.440	1509.82	98.23	170.64	77.55	0.00	
1625.00†	10.046	24.440	1608.28	107.37	186.52	84.77	0.00	
1725.00†	10.046	24.440	1706.75	116.51	202.40	91.98	0.00	
1825.00†	10.046	24.440	1805.22	125.65	218.28	99.20	0.00	
1925.00†	10.046	24.440	1903.68	134.79	234.17	106.42	0.00	
2025.00†	10.046	24.440	2002.15	143.94	250.05	113.64	0.00	
2125.00†	10.046	24.440	2100.62	153.08	265.93	120.85	0.00	
2225.00†	10.046	24.440	2199.08	162.22	281.81	128.07	0.00	
2325.00†	10.046	24.440	2297.55	171.36	297.69	135.29	0.00	
2425.00†	10.046	24.440	2396.02	180.50	313.57	142.51	0.00	
2525.00†	10.046	24.440	2494.48	189.65	329.45	149.72	0.00	
2625.00†	10.046	24.440	2592.95	198.79	345.33	156.94	0.00	



Planned Wellpath Report

TROUDT 40C-23-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#11 TROUDT 40C-23-M (760'FNL & 1745'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 40C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 40C-23-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (156 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
2725.00†	10.046	24.440	2691.42	207.93	361.22	164.16	0.00	
2825.00†	10.046	24.440	2789.88	217.07	377.10	171.37	0.00	
2925.00†	10.046	24.440	2888.35	226.21	392.98	178.59	0.00	
3025.00†	10.046	24.440	2986.82	235.35	408.86	185.81	0.00	
3125.00†	10.046	24.440	3085.28	244.50	424.74	193.03	0.00	
3225.00†	10.046	24.440	3183.75	253.64	440.62	200.24	0.00	
3325.00†	10.046	24.440	3282.22	262.78	456.50	207.46	0.00	
3425.00†	10.046	24.440	3380.68	271.92	472.38	214.68	0.00	
3525.00†	10.046	24.440	3479.15	281.06	488.26	221.90	0.00	
3625.00†	10.046	24.440	3577.62	290.20	504.15	229.11	0.00	
3725.00†	10.046	24.440	3676.08	299.35	520.03	236.33	0.00	
3825.00†	10.046	24.440	3774.55	308.49	535.91	243.55	0.00	
3925.00†	10.046	24.440	3873.02	317.63	551.79	250.76	0.00	
4025.00†	10.046	24.440	3971.48	326.77	567.67	257.98	0.00	
4125.00†	10.046	24.440	4069.95	335.91	583.55	265.20	0.00	
4225.00†	10.046	24.440	4168.42	345.06	599.43	272.42	0.00	
4325.00†	10.046	24.440	4266.88	354.20	615.31	279.63	0.00	
4425.00†	10.046	24.440	4365.35	363.34	631.19	286.85	0.00	
4525.00†	10.046	24.440	4463.82	372.48	647.08	294.07	0.00	
4625.00†	10.046	24.440	4562.29	381.62	662.96	301.29	0.00	
4725.00†	10.046	24.440	4660.75	390.76	678.84	308.50	0.00	
4825.00†	10.046	24.440	4759.22	399.91	694.72	315.72	0.00	
4925.00†	10.046	24.440	4857.69	409.05	710.60	322.94	0.00	
5025.00†	10.046	24.440	4956.15	418.19	726.48	330.16	0.00	
5125.00†	10.046	24.440	5054.62	427.33	742.36	337.37	0.00	
5225.00†	10.046	24.440	5153.09	436.47	758.24	344.59	0.00	
5325.00†	10.046	24.440	5251.55	445.62	774.13	351.81	0.00	
5425.00†	10.046	24.440	5350.02	454.76	790.01	359.02	0.00	
5525.00†	10.046	24.440	5448.49	463.90	805.89	366.24	0.00	
5625.00†	10.046	24.440	5546.95	473.04	821.77	373.46	0.00	



Planned Wellpath Report

TROUDT 40C-23-M PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#11 TROUDT 40C-23-M (760'FNL & 1745'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 40C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 40C-23-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (156 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
5725.00†	10.046	24.440	5645.42	482.18	837.65	380.68	0.00	
5825.00†	10.046	24.440	5743.89	491.32	853.53	387.89	0.00	
5925.00†	10.046	24.440	5842.35	500.47	869.41	395.11	0.00	
6025.00†	10.046	24.440	5940.82	509.61	885.29	402.33	0.00	
6125.00†	10.046	24.440	6039.29	518.75	901.17	409.55	0.00	
6225.00†	10.046	24.440	6137.75	527.89	917.06	416.76	0.00	
6325.00†	10.046	24.440	6236.22	537.03	932.94	423.98	0.00	
6425.00†	10.046	24.440	6334.69	546.17	948.82	431.20	0.00	
6525.00†	10.046	24.440	6433.15	555.32	964.70	438.42	0.00	
6625.00†	10.046	24.440	6531.62	564.46	980.58	445.63	0.00	
6677.84	10.046	24.440	6583.65	569.29	988.97	449.45	0.00	End of Tangent
6725.00†	12.387	42.815	6629.92	575.32	996.43	454.59	9.00	
6825.00†	19.569	63.120	6726.07	599.35	1011.90	476.86	9.00	
6925.00†	27.804	72.304	6817.59	638.12	1026.59	514.09	9.00	
7025.00†	36.381	77.474	6902.25	690.69	1040.14	565.37	9.00	
7125.00†	45.106	80.876	6977.95	755.75	1052.22	629.43	9.00	
7225.00†	53.905	83.373	7042.83	831.71	1062.52	704.69	9.00	
7325.00†	62.745	85.362	7095.29	916.69	1070.79	789.29	9.00	
7425.00†	71.609	87.056	7134.04	1008.60	1076.84	881.17	9.00	
7525.00†	80.486	88.582	7158.13	1105.18	1080.50	978.05	9.00	
7625.00†	89.370	90.031	7166.97	1204.05	1081.70	1077.55	9.00	
7634.55	90.218	90.168	7167.00 ¹	1213.52	1081.68	1087.10	9.00	End of 3D Arc
7725.00†	90.218	90.168	7166.66	1303.24	1081.41	1177.55	0.00	
7825.00†	90.218	90.168	7166.27	1402.42	1081.12	1277.55	0.00	
7925.00†	90.218	90.168	7165.89	1501.60	1080.83	1377.55	0.00	
8025.00†	90.218	90.168	7165.51	1600.78	1080.53	1477.54	0.00	
8125.00†	90.218	90.168	7165.13	1699.96	1080.24	1577.54	0.00	
8225.00†	90.218	90.168	7164.75	1799.14	1079.95	1677.54	0.00	
8325.00†	90.218	90.168	7164.37	1898.32	1079.66	1777.54	0.00	
8425.00†	90.218	90.168	7163.99	1997.50	1079.36	1877.54	0.00	



Planned Wellpath Report

TROUDT 40C-23-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#11 TROUDT 40C-23-M (760'FNL & 1745'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 40C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 40C-23-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (156 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
8525.00†	90.218	90.168	7163.61	2096.69	1079.07	1977.54	0.00	
8625.00†	90.218	90.168	7163.22	2195.87	1078.78	2077.54	0.00	
8725.00†	90.218	90.168	7162.84	2295.05	1078.48	2177.54	0.00	
8825.00†	90.218	90.168	7162.46	2394.23	1078.19	2277.54	0.00	
8925.00†	90.218	90.168	7162.08	2493.41	1077.90	2377.53	0.00	
9025.00†	90.218	90.168	7161.70	2592.59	1077.60	2477.53	0.00	
9125.00†	90.218	90.168	7161.32	2691.77	1077.31	2577.53	0.00	
9225.00†	90.218	90.168	7160.94	2790.96	1077.02	2677.53	0.00	
9325.00†	90.218	90.168	7160.56	2890.14	1076.72	2777.53	0.00	
9425.00†	90.218	90.168	7160.18	2989.32	1076.43	2877.53	0.00	
9525.00†	90.218	90.168	7159.79	3088.50	1076.14	2977.53	0.00	
9625.00†	90.218	90.168	7159.41	3187.68	1075.84	3077.53	0.00	
9725.00†	90.218	90.168	7159.03	3286.86	1075.55	3177.53	0.00	
9825.00†	90.218	90.168	7158.65	3386.04	1075.26	3277.52	0.00	
9925.00†	90.218	90.168	7158.27	3485.23	1074.96	3377.52	0.00	
10025.00†	90.218	90.168	7157.89	3584.41	1074.67	3477.52	0.00	
10125.00†	90.218	90.168	7157.51	3683.59	1074.38	3577.52	0.00	
10225.00†	90.218	90.168	7157.13	3782.77	1074.09	3677.52	0.00	
10325.00†	90.218	90.168	7156.75	3881.95	1073.79	3777.52	0.00	
10425.00†	90.218	90.168	7156.36	3981.13	1073.50	3877.52	0.00	
10525.00†	90.218	90.168	7155.98	4080.31	1073.21	3977.52	0.00	
10625.00†	90.218	90.168	7155.60	4179.50	1072.91	4077.51	0.00	
10725.00†	90.218	90.168	7155.22	4278.68	1072.62	4177.51	0.00	
10825.00†	90.218	90.168	7154.84	4377.86	1072.33	4277.51	0.00	
10925.00†	90.218	90.168	7154.46	4477.04	1072.03	4377.51	0.00	
11025.00†	90.218	90.168	7154.08	4576.22	1071.74	4477.51	0.00	
11125.00†	90.218	90.168	7153.70	4675.40	1071.45	4577.51	0.00	
11225.00†	90.218	90.168	7153.32	4774.58	1071.15	4677.51	0.00	
11325.00†	90.218	90.168	7152.93	4873.77	1070.86	4777.51	0.00	
11425.00†	90.218	90.168	7152.55	4972.95	1070.57	4877.51	0.00	



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TROUDT 40C-23-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#11 TROUDT 40C-23-M (760'FNL & 1745'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 40C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 40C-23-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (156 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
11525.00†	90.218	90.168	7152.17	5072.13	1070.27	4977.50	0.00	
11625.00†	90.218	90.168	7151.79	5171.31	1069.98	5077.50	0.00	
11725.00†	90.218	90.168	7151.41	5270.49	1069.69	5177.50	0.00	
11825.00†	90.218	90.168	7151.03	5369.67	1069.40	5277.50	0.00	
11925.00†	90.218	90.168	7150.65	5468.85	1069.10	5377.50	0.00	
12025.00†	90.218	90.168	7150.27	5568.03	1068.81	5477.50	0.00	
12125.00†	90.218	90.168	7149.88	5667.22	1068.52	5577.50	0.00	
12225.00†	90.218	90.168	7149.50	5766.40	1068.22	5677.50	0.00	
12325.00†	90.218	90.168	7149.12	5865.58	1067.93	5777.50	0.00	
12425.00†	90.218	90.168	7148.74	5964.76	1067.64	5877.49	0.00	
12525.00†	90.218	90.168	7148.36	6063.94	1067.34	5977.49	0.00	
12625.00†	90.218	90.168	7147.98	6163.12	1067.05	6077.49	0.00	
12725.00†	90.218	90.168	7147.60	6262.30	1066.76	6177.49	0.00	
12825.00†	90.218	90.168	7147.22	6361.49	1066.46	6277.49	0.00	
12925.00†	90.218	90.168	7146.84	6460.67	1066.17	6377.49	0.00	
13025.00†	90.218	90.168	7146.45	6559.85	1065.88	6477.49	0.00	
13125.00†	90.218	90.168	7146.07	6659.03	1065.58	6577.49	0.00	
13225.00†	90.218	90.168	7145.69	6758.21	1065.29	6677.48	0.00	
13325.00†	90.218	90.168	7145.31	6857.39	1065.00	6777.48	0.00	
13425.00†	90.218	90.168	7144.93	6956.57	1064.71	6877.48	0.00	
13525.00†	90.218	90.168	7144.55	7055.76	1064.41	6977.48	0.00	
13625.00†	90.218	90.168	7144.17	7154.94	1064.12	7077.48	0.00	
13725.00†	90.218	90.168	7143.79	7254.12	1063.83	7177.48	0.00	
13825.00†	90.218	90.168	7143.41	7353.30	1063.53	7277.48	0.00	
13925.00†	90.218	90.168	7143.02	7452.48	1063.24	7377.48	0.00	
14025.00†	90.218	90.168	7142.64	7551.66	1062.95	7477.48	0.00	
14125.00†	90.218	90.168	7142.26	7650.84	1062.65	7577.47	0.00	
14225.00†	90.218	90.168	7141.88	7750.03	1062.36	7677.47	0.00	
14325.00†	90.218	90.168	7141.50	7849.21	1062.07	7777.47	0.00	
14425.00†	90.218	90.168	7141.12	7948.39	1061.77	7877.47	0.00	



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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#11 TROUDT 40C-23-M (760'FNL & 1745'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 40C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 40C-23-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (156 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
14525.00†	90.218	90.168	7140.74	8047.57	1061.48	7977.47	0.00	
14625.00†	90.218	90.168	7140.36	8146.75	1061.19	8077.47	0.00	
14725.00†	90.218	90.168	7139.98	8245.93	1060.89	8177.47	0.00	
14825.00†	90.218	90.168	7139.59	8345.11	1060.60	8277.47	0.00	
14925.00†	90.218	90.168	7139.21	8444.30	1060.31	8377.46	0.00	
14980.82	90.218	90.168	7139.00 ²	8499.66	1060.14	8433.29	0.00	End of Tangent

HOLE & CASING SECTIONS - Ref Wellbore: TROUDT 40C-23-M PWB Ref Wellpath: TROUDT 40C-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	1731.37	0.00	0.00	206.37	93.79
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1731.37	0.00	0.00	206.37	93.79
8.5in Open Hole	1750.00	14980.82	13230.82	1731.37	7139.00	206.37	93.79	1060.14	8433.28



Planned Wellpath Report

TROUDT 40C-23-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#11 TROUDT 40C-23-M (760'FNL & 1745'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 40C-23-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 40C-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	-149.98	3203773.74	1412932.71	40°27'52.531"N	104°46'03.497"W	polygon
SEC.22-T06N-R66W		1.00	1412.75	-8159.12	3195753.51	1414279.17	40°28'06.478"N	104°47'47.123"W	polygon
SEC.23-T06N-R66W		1.00	4231.30	-2017.29	3201871.60	1417148.27	40°28'34.342"N	104°46'27.660"W	polygon
SEC.26-T06N-R66W		1.00	-4763.04	525.19	3204488.23	1408175.60	40°27'05.465"N	104°45'54.763"W	polygon
SEC.27-T06N-R66W		1.00	-4763.04	525.19	3204488.23	1408175.60	40°27'05.465"N	104°45'54.763"W	polygon
2) TROUDT 40C-23-M BHL ON PLAT (323'FSL & 510'FEL, SEC.23)	14980.82	7139.00	1060.14	8433.29	3212347.63	1414063.72	40°28'02.993"N	104°44'12.444"W	circle
1) TROUDT 40C-23-M TOP OF PROD ON PLAT (328'FSL & 2528'FEL, SEC.22)	7634.55	7167.00	1081.68	1087.10	3205001.79	1414024.53	40°28'03.220"N	104°45'47.491"W	circle

SURVEY PROGRAM - Ref Wellbore: TROUDT 40C-23-M PWB Ref Wellpath: TROUDT 40C-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 40C-23-M PWB
1750.00	14980.82	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		TROUDT 40C-23-M PWB