

SRC ENERGY

Location: COLORADO Slot: SLOT#08 TROUDT 41N-23A-M (760'FNL & 1700'FWL, SEC.27)
Field: WELD COUNTY (NAD83, TRUE NORTH) Well: TROUDT 41N-23A-M
Facility: SEC.27-T06N-R66W Wellbore: TROUDT 41N-23A-M PWB

Plot reference wellpath is TROUDT 41N-23A-M PWP (REV-A.Q)	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#08 TROUDT 41N-23A-M (760'FNL & 1700'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

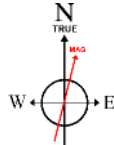
Facility Name			Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SEC.27-T06N-R66W			3203773.744	1412932.710	40°27'52.531"N	104°46'03.497"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SLOT#08 TROUDT 41N-23A-M (760'FNL & 1700'FWL, SEC.27)	0.00	104.90	3203878.639	1412933.577	40°27'52.531"N	104°46'02.140"W
PD 562 (25) (RKB) to Mud line (At Slot: SLOT#08 TROUDT 41N-23A-M (760'FNL & 1700'FWL, SEC.27))					4744ft	
Mean Sea Level to Mud line (At Slot: SLOT#08 TROUDT 41N-23A-M (760'FNL & 1700'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 41N-23A-M PWB
1750.00	14834.14	BHI AutoTrak Curve	Custom BHI AutoTrak Curve (FRT1, Short) (Rockies 0.03Gt model)		TROUDT 41N-23A-M PWB

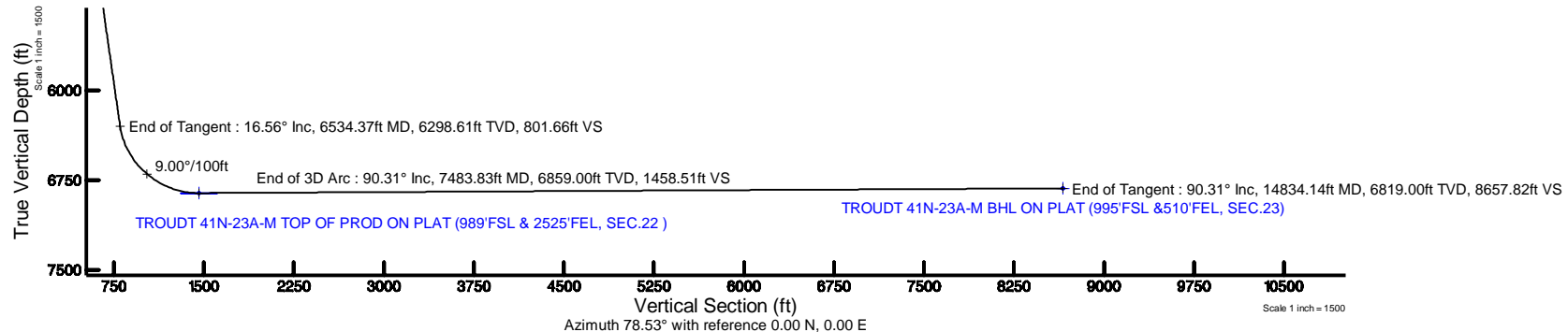


SRC ENERGY



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	-104.90	3203773.74	1412932.71	40°27'52.531"N	104°46'03.497"W
SEC.29-T06N-R66W EAST HALF		0.00	0.00	-104.90	3203773.74	1412932.71	40°27'52.531"N	104°46'03.497"W
SEC.22-T06N-R66W		1.00	1412.74	-8114.04	3195753.51	1414279.17	40°28'06.478"N	104°47'47.123"W
SEC.23-T06N-R66W		1.00	4231.29	-1972.22	3201871.60	1417148.27	40°28'34.342"N	104°46'27.660"W
SEC.26-T06N-R66W		1.00	-4763.04	570.27	3204488.23	1408175.60	40°27'05.465"N	104°45'54.763"W
SEC.27-T06N-R66W		1.00	-4763.04	570.27	3204488.23	1408175.60	40°27'05.465"N	104°45'54.763"W
TROUDT 41N-23A-MBHL ON PLAT (995'FSL & 510'FEL, SEC.23)	14834.14	6819.00	1722.13	8484.81	3212348.61	1414725.69	40°28'09.534"N	104°44'12.358"W
TROUDT 41N-23A-M TOP OF PROD ON PLAT (989'FSL & 2525'FEL, SEC.22)	7483.83	6859.00	1742.19	1134.65	3204998.81	1414685.01	40°28'09.746"N	104°45'47.459"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	1712.72	0.00	0.00	282.56	88.58	TROUDT 41N-23A-M PWB
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1712.72	0.00	0.00	282.56	88.58	TROUDT 41N-23A-M PWB
8.5in Open Hole	1750.00	14834.14	13084.14	N/A	282.56	88.58	N/A	N/A	N/A	TROUDT 41N-23A-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	17.406	25.00	0.00	0.00	0.00	0.00
End of Tangent	300.00	0.000	17.406	300.00	0.00	0.00	0.00	0.00
End of Build	1128.07	16.561	17.406	1116.59	113.40	35.55	2.00	57.40
End of Tangent	6534.37	16.561	17.406	6298.61	1583.87	496.54	0.00	801.66
End of 3D Arc	7483.83	90.312	90.156	6859.00	1742.19	1134.65	9.00	1458.51
End of Tangent	14834.14	90.312	90.156	6819.00	1722.13	8484.81	0.00	8657.82

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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	14834.14	:STOP MD
STEP	.ft	0.0	:STEP (non-uniform increment)
NULL	.	-999.99	:NULL
COMP	.	SRC ENERGY	:OPERATOR
WELL	.	TROUDT 41N-23A-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#08 TROUDT 41N-23A-M (760'FNL & 1700'FWL, SEC.27):SLOT	
WELLBORE	.	TROUDT 41N-23A-M PWB	:WELLBORE
WELLPATH	.	TROUDT 41N-23A-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	78.53	: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	17.41	0.00	0.00	0.00	0.00	40.4645920	-104.7672610	0.00
25.00	0.00	17.41	25.00	0.00	0.00	0.00	40.4645920	-104.7672610	0.00
125.00	0.00	17.41	125.00	0.00	0.00	0.00	40.4645920	-104.7672610	0.00
225.00	0.00	17.41	225.00	0.00	0.00	0.00	40.4645920	-104.7672610	0.00
300.00	0.00	17.41	300.00	0.00	0.00	0.00	40.4645920	-104.7672610	0.00
325.00	0.50	17.41	325.00	0.05	0.10	0.03	40.4645923	-104.7672609	2.00
425.00	2.50	17.41	424.96	1.32	2.60	0.82	40.4645991	-104.7672581	2.00
525.00	4.50	17.41	524.77	4.27	8.43	2.64	40.4646151	-104.7672515	2.00
625.00	6.50	17.41	624.30	8.89	17.57	5.51	40.4646402	-104.7672412	2.00
725.00	8.50	17.41	723.44	15.20	30.03	9.41	40.4646744	-104.7672272	2.00
825.00	10.50	17.41	822.07	23.17	45.77	14.35	40.4647176	-104.7672094	2.00
925.00	12.50	17.41	920.05	32.80	64.80	20.31	40.4647699	-104.7671880	2.00
1025.00	14.50	17.41	1017.29	44.07	87.07	27.30	40.4648310	-104.7671629	2.00
1125.00	16.50	17.41	1113.64	56.98	112.57	35.29	40.4649010	-104.7671342	2.00
1128.07	16.56	17.41	1116.59	57.40	113.40	35.55	40.4649033	-104.7671332	2.00

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1225.00	16.56	17.41	1209.50	70.74	139.77	43.82	40.4649756	-104.7671035	0.00
1325.00	16.56	17.41	1305.35	84.51	166.97	52.34	40.4650503	-104.7670729	0.00
1425.00	16.56	17.41	1401.20	98.28	194.17	60.87	40.4651250	-104.7670422	0.00
1525.00	16.56	17.41	1497.05	112.04	221.37	69.40	40.4651996	-104.7670116	0.00
1625.00	16.56	17.41	1592.90	125.81	248.56	77.92	40.4652743	-104.7669810	0.00
1725.00	16.56	17.41	1688.75	139.58	275.76	86.45	40.4653489	-104.7669503	0.00
1825.00	16.56	17.41	1784.60	153.34	302.96	94.98	40.4654236	-104.7669197	0.00
1925.00	16.56	17.41	1880.46	167.11	330.16	103.50	40.4654982	-104.7668890	0.00
2025.00	16.56	17.41	1976.31	180.88	357.36	112.03	40.4655729	-104.7668584	0.00
2125.00	16.56	17.41	2072.16	194.64	384.56	120.56	40.4656476	-104.7668277	0.00
2225.00	16.56	17.41	2168.01	208.41	411.76	129.09	40.4657222	-104.7667971	0.00
2325.00	16.56	17.41	2263.86	222.18	438.96	137.61	40.4657969	-104.7667664	0.00
2425.00	16.56	17.41	2359.71	235.94	466.16	146.14	40.4658715	-104.7667358	0.00
2525.00	16.56	17.41	2455.57	249.71	493.36	154.67	40.4659462	-104.7667051	0.00
2625.00	16.56	17.41	2551.42	263.48	520.55	163.19	40.4660209	-104.7666745	0.00
2725.00	16.56	17.41	2647.27	277.24	547.75	171.72	40.4660955	-104.7666439	0.00
2825.00	16.56	17.41	2743.12	291.01	574.95	180.25	40.4661702	-104.7666132	0.00
2925.00	16.56	17.41	2838.97	304.77	602.15	188.77	40.4662448	-104.7665826	0.00
3025.00	16.56	17.41	2934.82	318.54	629.35	197.30	40.4663195	-104.7665519	0.00
3125.00	16.56	17.41	3030.67	332.31	656.55	205.83	40.4663941	-104.7665213	0.00
3225.00	16.56	17.41	3126.53	346.07	683.75	214.35	40.4664688	-104.7664906	0.00
3325.00	16.56	17.41	3222.38	359.84	710.95	222.88	40.4665435	-104.7664600	0.00
3425.00	16.56	17.41	3318.23	373.61	738.15	231.41	40.4666181	-104.7664293	0.00
3525.00	16.56	17.41	3414.08	387.37	765.35	239.93	40.4666928	-104.7663987	0.00
3625.00	16.56	17.41	3509.93	401.14	792.54	248.46	40.4667674	-104.7663680	0.00
3725.00	16.56	17.41	3605.78	414.91	819.74	256.99	40.4668421	-104.7663374	0.00
3825.00	16.56	17.41	3701.63	428.67	846.94	265.51	40.4669167	-104.7663068	0.00
3925.00	16.56	17.41	3797.49	442.44	874.14	274.04	40.4669914	-104.7662761	0.00
4025.00	16.56	17.41	3893.34	456.21	901.34	282.57	40.4670661	-104.7662455	0.00
4125.00	16.56	17.41	3989.19	469.97	928.54	291.10	40.4671407	-104.7662148	0.00
4225.00	16.56	17.41	4085.04	483.74	955.74	299.62	40.4672154	-104.7661842	0.00
4325.00	16.56	17.41	4180.89	497.51	982.94	308.15	40.4672900	-104.7661535	0.00
4425.00	16.56	17.41	4276.74	511.27	1010.14	316.68	40.4673647	-104.7661229	0.00
4525.00	16.56	17.41	4372.59	525.04	1037.34	325.20	40.4674393	-104.7660922	0.00

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4625.00	16.56	17.41	4468.45	538.81	1064.54	333.73	40.4675140	-104.7660616	0.00
4725.00	16.56	17.41	4564.30	552.57	1091.73	342.26	40.4675887	-104.7660309	0.00
4825.00	16.56	17.41	4660.15	566.34	1118.93	350.78	40.4676633	-104.7660003	0.00
4925.00	16.56	17.41	4756.00	580.11	1146.13	359.31	40.4677380	-104.7659696	0.00
5025.00	16.56	17.41	4851.85	593.87	1173.33	367.84	40.4678126	-104.7659390	0.00
5125.00	16.56	17.41	4947.70	607.64	1200.53	376.36	40.4678873	-104.7659084	0.00
5225.00	16.56	17.41	5043.56	621.41	1227.73	384.89	40.4679619	-104.7658777	0.00
5325.00	16.56	17.41	5139.41	635.17	1254.93	393.42	40.4680366	-104.7658471	0.00
5425.00	16.56	17.41	5235.26	648.94	1282.13	401.94	40.4681113	-104.7658164	0.00
5525.00	16.56	17.41	5331.11	662.71	1309.33	410.47	40.4681859	-104.7657858	0.00
5625.00	16.56	17.41	5426.96	676.47	1336.53	419.00	40.4682606	-104.7657551	0.00
5725.00	16.56	17.41	5522.81	690.24	1363.72	427.52	40.4683352	-104.7657245	0.00
5825.00	16.56	17.41	5618.66	704.01	1390.92	436.05	40.4684099	-104.7656938	0.00
5925.00	16.56	17.41	5714.52	717.77	1418.12	444.58	40.4684845	-104.7656632	0.00
6025.00	16.56	17.41	5810.37	731.54	1445.32	453.10	40.4685592	-104.7656325	0.00
6125.00	16.56	17.41	5906.22	745.31	1472.52	461.63	40.4686339	-104.7656019	0.00
6225.00	16.56	17.41	6002.07	759.07	1499.72	470.16	40.4687085	-104.7655712	0.00
6325.00	16.56	17.41	6097.92	772.84	1526.92	478.69	40.4687832	-104.7655406	0.00
6425.00	16.56	17.41	6193.77	786.61	1554.12	487.21	40.4688578	-104.7655099	0.00
6525.00	16.56	17.41	6289.62	800.37	1581.32	495.74	40.4689325	-104.7654793	0.00
6534.37	16.56	17.41	6298.61	801.66	1583.87	496.54	40.4689395	-104.7654764	0.00
6625.00	20.41	40.35	6384.66	820.35	1608.28	510.66	40.4690065	-104.7654257	9.00
6725.00	26.91	56.05	6476.29	855.04	1634.25	540.77	40.4690778	-104.7653174	9.00
6825.00	34.48	65.65	6562.28	903.64	1658.61	585.42	40.4691446	-104.7651570	9.00
6925.00	42.56	72.06	6640.48	964.96	1680.74	643.50	40.4692054	-104.7649482	9.00
7025.00	50.89	76.73	6708.99	1037.49	1700.10	713.58	40.4692585	-104.7646963	9.00
7125.00	59.38	80.40	6766.12	1119.44	1716.22	793.93	40.4693028	-104.7644076	9.00
7225.00	67.95	83.47	6810.45	1208.80	1728.70	882.58	40.4693370	-104.7640889	9.00
7325.00	76.57	86.18	6840.89	1303.37	1737.23	977.34	40.4693604	-104.7637484	9.00
7425.00	85.22	88.71	6856.71	1400.81	1741.61	1075.88	40.4693724	-104.7633942	9.00
7483.83	90.31	90.16	6859.00	1458.51	1742.19	1134.65	40.4693740	-104.7631830	9.00
7525.00	90.31	90.16	6858.78	1498.83	1742.07	1175.81	40.4693737	-104.7630350	0.00
7625.00	90.31	90.16	6858.23	1596.78	1741.80	1275.81	40.4693729	-104.7626756	0.00
7725.00	90.31	90.16	6857.69	1694.73	1741.53	1375.81	40.4693722	-104.7623162	0.00

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7825.00	90.31	90.16	6857.14	1792.67	1741.26	1475.81	40.4693714	-104.7619568	0.00
7925.00	90.31	90.16	6856.60	1890.62	1740.98	1575.81	40.4693706	-104.7615974	0.00
8025.00	90.31	90.16	6856.05	1988.56	1740.71	1675.80	40.4693699	-104.7612380	0.00
8125.00	90.31	90.16	6855.51	2086.51	1740.44	1775.80	40.4693691	-104.7608786	0.00
8225.00	90.31	90.16	6854.97	2184.45	1740.16	1875.80	40.4693683	-104.7605192	0.00
8325.00	90.31	90.16	6854.42	2282.40	1739.89	1975.80	40.4693676	-104.7601598	0.00
8425.00	90.31	90.16	6853.88	2380.35	1739.62	2075.80	40.4693668	-104.7598004	0.00
8525.00	90.31	90.16	6853.33	2478.29	1739.35	2175.80	40.4693660	-104.7594410	0.00
8625.00	90.31	90.16	6852.79	2576.24	1739.07	2275.79	40.4693652	-104.7590816	0.00
8725.00	90.31	90.16	6852.25	2674.18	1738.80	2375.79	40.4693645	-104.7587222	0.00
8825.00	90.31	90.16	6851.70	2772.13	1738.53	2475.79	40.4693637	-104.7583628	0.00
8925.00	90.31	90.16	6851.16	2870.07	1738.25	2575.79	40.4693629	-104.7580034	0.00
9025.00	90.31	90.16	6850.61	2968.02	1737.98	2675.79	40.4693621	-104.7576440	0.00
9125.00	90.31	90.16	6850.07	3065.96	1737.71	2775.78	40.4693613	-104.7572846	0.00
9225.00	90.31	90.16	6849.52	3163.91	1737.43	2875.78	40.4693606	-104.7569252	0.00
9325.00	90.31	90.16	6848.98	3261.86	1737.16	2975.78	40.4693598	-104.7565658	0.00
9425.00	90.31	90.16	6848.44	3359.80	1736.89	3075.78	40.4693590	-104.7562064	0.00
9525.00	90.31	90.16	6847.89	3457.75	1736.62	3175.78	40.4693582	-104.7558470	0.00
9625.00	90.31	90.16	6847.35	3555.69	1736.34	3275.77	40.4693574	-104.7554876	0.00
9725.00	90.31	90.16	6846.80	3653.64	1736.07	3375.77	40.4693566	-104.7551282	0.00
9825.00	90.31	90.16	6846.26	3751.58	1735.80	3475.77	40.4693559	-104.7547688	0.00
9925.00	90.31	90.16	6845.72	3849.53	1735.52	3575.77	40.4693551	-104.7544094	0.00
10025.00	90.31	90.16	6845.17	3947.48	1735.25	3675.77	40.4693543	-104.7540500	0.00
10125.00	90.31	90.16	6844.63	4045.42	1734.98	3775.77	40.4693535	-104.7536906	0.00
10225.00	90.31	90.16	6844.08	4143.37	1734.71	3875.76	40.4693527	-104.7533312	0.00
10325.00	90.31	90.16	6843.54	4241.31	1734.43	3975.76	40.4693519	-104.7529718	0.00
10425.00	90.31	90.16	6842.99	4339.26	1734.16	4075.76	40.4693511	-104.7526124	0.00
10525.00	90.31	90.16	6842.45	4437.20	1733.89	4175.76	40.4693503	-104.7522530	0.00
10625.00	90.31	90.16	6841.91	4535.15	1733.61	4275.76	40.4693495	-104.7518936	0.00
10725.00	90.31	90.16	6841.36	4633.10	1733.34	4375.75	40.4693487	-104.7515342	0.00
10825.00	90.31	90.16	6840.82	4731.04	1733.07	4475.75	40.4693479	-104.7511748	0.00
10925.00	90.31	90.16	6840.27	4828.99	1732.79	4575.75	40.4693471	-104.7508154	0.00
11025.00	90.31	90.16	6839.73	4926.93	1732.52	4675.75	40.4693463	-104.7504560	0.00
11125.00	90.31	90.16	6839.18	5024.88	1732.25	4775.75	40.4693455	-104.7500966	0.00

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11225.00	90.31	90.16	6838.64	5122.82	1731.98	4875.75	40.4693447	-104.7497372	0.00
11325.00	90.31	90.16	6838.10	5220.77	1731.70	4975.74	40.4693439	-104.7493778	0.00
11425.00	90.31	90.16	6837.55	5318.72	1731.43	5075.74	40.4693431	-104.7490184	0.00
11525.00	90.31	90.16	6837.01	5416.66	1731.16	5175.74	40.4693423	-104.7486590	0.00
11625.00	90.31	90.16	6836.46	5514.61	1730.88	5275.74	40.4693415	-104.7482996	0.00
11725.00	90.31	90.16	6835.92	5612.55	1730.61	5375.74	40.4693407	-104.7479402	0.00
11825.00	90.31	90.16	6835.38	5710.50	1730.34	5475.73	40.4693399	-104.7475808	0.00
11925.00	90.31	90.16	6834.83	5808.44	1730.07	5575.73	40.4693391	-104.7472214	0.00
12025.00	90.31	90.16	6834.29	5906.39	1729.79	5675.73	40.4693383	-104.7468620	0.00
12125.00	90.31	90.16	6833.74	6004.34	1729.52	5775.73	40.4693374	-104.7465026	0.00
12225.00	90.31	90.16	6833.20	6102.28	1729.25	5875.73	40.4693366	-104.7461432	0.00
12325.00	90.31	90.16	6832.65	6200.23	1728.97	5975.72	40.4693358	-104.7457838	0.00
12425.00	90.31	90.16	6832.11	6298.17	1728.70	6075.72	40.4693350	-104.7454244	0.00
12525.00	90.31	90.16	6831.57	6396.12	1728.43	6175.72	40.4693342	-104.7450650	0.00
12625.00	90.31	90.16	6831.02	6494.06	1728.15	6275.72	40.4693334	-104.7447056	0.00
12725.00	90.31	90.16	6830.48	6592.01	1727.88	6375.72	40.4693325	-104.7443462	0.00
12825.00	90.31	90.16	6829.93	6689.95	1727.61	6475.72	40.4693317	-104.7439868	0.00
12925.00	90.31	90.16	6829.39	6787.90	1727.34	6575.71	40.4693309	-104.7436274	0.00
13025.00	90.31	90.16	6828.85	6885.85	1727.06	6675.71	40.4693301	-104.7432680	0.00
13125.00	90.31	90.16	6828.30	6983.79	1726.79	6775.71	40.4693293	-104.7429086	0.00
13225.00	90.31	90.16	6827.76	7081.74	1726.52	6875.71	40.4693284	-104.7425492	0.00
13325.00	90.31	90.16	6827.21	7179.68	1726.24	6975.71	40.4693276	-104.7421898	0.00
13425.00	90.31	90.16	6826.67	7277.63	1725.97	7075.70	40.4693268	-104.7418304	0.00
13525.00	90.31	90.16	6826.12	7375.57	1725.70	7175.70	40.4693259	-104.7414710	0.00
13625.00	90.31	90.16	6825.58	7473.52	1725.43	7275.70	40.4693251	-104.7411116	0.00
13725.00	90.31	90.16	6825.04	7571.47	1725.15	7375.70	40.4693243	-104.7407522	0.00
13825.00	90.31	90.16	6824.49	7669.41	1724.88	7475.70	40.4693235	-104.7403928	0.00
13925.00	90.31	90.16	6823.95	7767.36	1724.61	7575.69	40.4693226	-104.7400334	0.00
14025.00	90.31	90.16	6823.40	7865.30	1724.33	7675.69	40.4693218	-104.7396740	0.00
14125.00	90.31	90.16	6822.86	7963.25	1724.06	7775.69	40.4693210	-104.7393146	0.00
14225.00	90.31	90.16	6822.31	8061.19	1723.79	7875.69	40.4693201	-104.7389552	0.00
14325.00	90.31	90.16	6821.77	8159.14	1723.51	7975.69	40.4693193	-104.7385958	0.00
14425.00	90.31	90.16	6821.23	8257.09	1723.24	8075.69	40.4693184	-104.7382364	0.00
14525.00	90.31	90.16	6820.68	8355.03	1722.97	8175.68	40.4693176	-104.7378770	0.00

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14625.00	90.31	90.16	6820.14	8452.98	1722.70	8275.68	40.4693168	-104.7375176	0.00
14725.00	90.31	90.16	6819.59	8550.92	1722.42	8375.68	40.4693159	-104.7371582	0.00
14825.00	90.31	90.16	6819.05	8648.87	1722.15	8475.68	40.4693151	-104.7367988	0.00
14834.14	90.31	90.16	6819.00	8657.82	1722.13	8484.81	40.4693150	-104.7367660	0.00



Planned Wellpath Report

TROUDT 41N-23A-M PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#08 TROUDT 41N-23A-M (760'FNL & 1700'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 41N-23A-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 41N-23A-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 12:19:25 PM
Convergence at slot	0.47° East	Database/Source file	WellArchitectDB/TROUDT_41N-23A-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	104.90	3203878.64	1412933.58	40°27'52.531"N	104°46'02.140"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#08 TROUDT 41N-23A-M (760'FNL & 1700'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	78.53°



Planned Wellpath Report

TROUDT 41N-23A-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#08 TROUDT 41N-23A-M (760'FNL & 1700'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 41N-23A-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 41N-23A-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (155 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	17.406	0.00	0.00	0.00	0.00	0.00	
25.00	0.000	17.406	25.00	0.00	0.00	0.00	0.00	Tie On
125.00†	0.000	17.406	125.00	0.00	0.00	0.00	0.00	
225.00†	0.000	17.406	225.00	0.00	0.00	0.00	0.00	
300.00	0.000	17.406	300.00	0.00	0.00	0.00	0.00	End of Tangent
325.00†	0.500	17.406	325.00	0.05	0.10	0.03	2.00	
425.00†	2.500	17.406	424.96	1.32	2.60	0.82	2.00	
525.00†	4.500	17.406	524.77	4.27	8.43	2.64	2.00	
625.00†	6.500	17.406	624.30	8.89	17.57	5.51	2.00	
725.00†	8.500	17.406	723.44	15.20	30.03	9.41	2.00	
825.00†	10.500	17.406	822.07	23.17	45.77	14.35	2.00	
925.00†	12.500	17.406	920.05	32.80	64.80	20.31	2.00	
1025.00†	14.500	17.406	1017.29	44.07	87.07	27.30	2.00	
1125.00†	16.500	17.406	1113.64	56.98	112.57	35.29	2.00	
1128.07	16.561	17.406	1116.59	57.40	113.40	35.55	2.00	End of Build
1225.00†	16.561	17.406	1209.50	70.74	139.77	43.82	0.00	
1325.00†	16.561	17.406	1305.35	84.51	166.97	52.34	0.00	
1425.00†	16.561	17.406	1401.20	98.28	194.17	60.87	0.00	
1525.00†	16.561	17.406	1497.05	112.04	221.37	69.40	0.00	
1625.00†	16.561	17.406	1592.90	125.81	248.56	77.92	0.00	
1725.00†	16.561	17.406	1688.75	139.58	275.76	86.45	0.00	
1825.00†	16.561	17.406	1784.60	153.34	302.96	94.98	0.00	
1925.00†	16.561	17.406	1880.46	167.11	330.16	103.50	0.00	
2025.00†	16.561	17.406	1976.31	180.88	357.36	112.03	0.00	
2125.00†	16.561	17.406	2072.16	194.64	384.56	120.56	0.00	
2225.00†	16.561	17.406	2168.01	208.41	411.76	129.09	0.00	
2325.00†	16.561	17.406	2263.86	222.18	438.96	137.61	0.00	
2425.00†	16.561	17.406	2359.71	235.94	466.16	146.14	0.00	
2525.00†	16.561	17.406	2455.57	249.71	493.36	154.67	0.00	
2625.00†	16.561	17.406	2551.42	263.48	520.55	163.19	0.00	



Planned Wellpath Report

TROUDT 41N-23A-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#08 TROUDT 41N-23A-M (760'FNL & 1700'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 41N-23A-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 41N-23A-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (155 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
2725.00†	16.561	17.406	2647.27	277.24	547.75	171.72	0.00	
2825.00†	16.561	17.406	2743.12	291.01	574.95	180.25	0.00	
2925.00†	16.561	17.406	2838.97	304.77	602.15	188.77	0.00	
3025.00†	16.561	17.406	2934.82	318.54	629.35	197.30	0.00	
3125.00†	16.561	17.406	3030.67	332.31	656.55	205.83	0.00	
3225.00†	16.561	17.406	3126.53	346.07	683.75	214.35	0.00	
3325.00†	16.561	17.406	3222.38	359.84	710.95	222.88	0.00	
3425.00†	16.561	17.406	3318.23	373.61	738.15	231.41	0.00	
3525.00†	16.561	17.406	3414.08	387.37	765.35	239.93	0.00	
3625.00†	16.561	17.406	3509.93	401.14	792.54	248.46	0.00	
3725.00†	16.561	17.406	3605.78	414.91	819.74	256.99	0.00	
3825.00†	16.561	17.406	3701.63	428.67	846.94	265.51	0.00	
3925.00†	16.561	17.406	3797.49	442.44	874.14	274.04	0.00	
4025.00†	16.561	17.406	3893.34	456.21	901.34	282.57	0.00	
4125.00†	16.561	17.406	3989.19	469.97	928.54	291.10	0.00	
4225.00†	16.561	17.406	4085.04	483.74	955.74	299.62	0.00	
4325.00†	16.561	17.406	4180.89	497.51	982.94	308.15	0.00	
4425.00†	16.561	17.406	4276.74	511.27	1010.14	316.68	0.00	
4525.00†	16.561	17.406	4372.59	525.04	1037.34	325.20	0.00	
4625.00†	16.561	17.406	4468.45	538.81	1064.54	333.73	0.00	
4725.00†	16.561	17.406	4564.30	552.57	1091.73	342.26	0.00	
4825.00†	16.561	17.406	4660.15	566.34	1118.93	350.78	0.00	
4925.00†	16.561	17.406	4756.00	580.11	1146.13	359.31	0.00	
5025.00†	16.561	17.406	4851.85	593.87	1173.33	367.84	0.00	
5125.00†	16.561	17.406	4947.70	607.64	1200.53	376.36	0.00	
5225.00†	16.561	17.406	5043.56	621.41	1227.73	384.89	0.00	
5325.00†	16.561	17.406	5139.41	635.17	1254.93	393.42	0.00	
5425.00†	16.561	17.406	5235.26	648.94	1282.13	401.94	0.00	
5525.00†	16.561	17.406	5331.11	662.71	1309.33	410.47	0.00	
5625.00†	16.561	17.406	5426.96	676.47	1336.53	419.00	0.00	



Planned Wellpath Report

TROUDT 41N-23A-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#08 TROUDT 41N-23A-M (760'FNL & 1700'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 41N-23A-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 41N-23A-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (155 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
5725.00†	16.561	17.406	5522.81	690.24	1363.72	427.52	0.00	
5825.00†	16.561	17.406	5618.66	704.01	1390.92	436.05	0.00	
5925.00†	16.561	17.406	5714.52	717.77	1418.12	444.58	0.00	
6025.00†	16.561	17.406	5810.37	731.54	1445.32	453.10	0.00	
6125.00†	16.561	17.406	5906.22	745.31	1472.52	461.63	0.00	
6225.00†	16.561	17.406	6002.07	759.07	1499.72	470.16	0.00	
6325.00†	16.561	17.406	6097.92	772.84	1526.92	478.69	0.00	
6425.00†	16.561	17.406	6193.77	786.61	1554.12	487.21	0.00	
6525.00†	16.561	17.406	6289.62	800.37	1581.32	495.74	0.00	
6534.37	16.561	17.406	6298.61	801.66	1583.87	496.54	0.00	End of Tangent
6625.00†	20.409	40.346	6384.66	820.35	1608.28	510.66	9.00	
6725.00†	26.905	56.052	6476.29	855.04	1634.25	540.77	9.00	
6825.00†	34.479	65.652	6562.28	903.64	1658.61	585.42	9.00	
6925.00†	42.556	72.058	6640.48	964.96	1680.74	643.50	9.00	
7025.00†	50.894	76.727	6708.99	1037.49	1700.10	713.58	9.00	
7125.00†	59.379	80.395	6766.12	1119.44	1716.22	793.93	9.00	
7225.00†	67.949	83.465	6810.45	1208.80	1728.70	882.58	9.00	
7325.00†	76.570	86.181	6840.89	1303.37	1737.23	977.34	9.00	
7425.00†	85.219	88.707	6856.71	1400.81	1741.61	1075.88	9.00	
7483.83	90.312	90.156	6859.00 ¹	1458.51	1742.19	1134.65	9.00	End of 3D Arc
7525.00†	90.312	90.156	6858.78	1498.83	1742.07	1175.81	0.00	
7625.00†	90.312	90.156	6858.23	1596.78	1741.80	1275.81	0.00	
7725.00†	90.312	90.156	6857.69	1694.73	1741.53	1375.81	0.00	
7825.00†	90.312	90.156	6857.14	1792.67	1741.26	1475.81	0.00	
7925.00†	90.312	90.156	6856.60	1890.62	1740.98	1575.81	0.00	
8025.00†	90.312	90.156	6856.05	1988.56	1740.71	1675.80	0.00	
8125.00†	90.312	90.156	6855.51	2086.51	1740.44	1775.80	0.00	
8225.00†	90.312	90.156	6854.97	2184.45	1740.16	1875.80	0.00	
8325.00†	90.312	90.156	6854.42	2282.40	1739.89	1975.80	0.00	
8425.00†	90.312	90.156	6853.88	2380.35	1739.62	2075.80	0.00	



Planned Wellpath Report

TROUDT 41N-23A-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#08 TROUDT 41N-23A-M (760'FNL & 1700'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 41N-23A-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 41N-23A-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (155 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
8525.00†	90.312	90.156	6853.33	2478.29	1739.35	2175.80	0.00	
8625.00†	90.312	90.156	6852.79	2576.24	1739.07	2275.79	0.00	
8725.00†	90.312	90.156	6852.25	2674.18	1738.80	2375.79	0.00	
8825.00†	90.312	90.156	6851.70	2772.13	1738.53	2475.79	0.00	
8925.00†	90.312	90.156	6851.16	2870.07	1738.25	2575.79	0.00	
9025.00†	90.312	90.156	6850.61	2968.02	1737.98	2675.79	0.00	
9125.00†	90.312	90.156	6850.07	3065.96	1737.71	2775.78	0.00	
9225.00†	90.312	90.156	6849.52	3163.91	1737.43	2875.78	0.00	
9325.00†	90.312	90.156	6848.98	3261.86	1737.16	2975.78	0.00	
9425.00†	90.312	90.156	6848.44	3359.80	1736.89	3075.78	0.00	
9525.00†	90.312	90.156	6847.89	3457.75	1736.62	3175.78	0.00	
9625.00†	90.312	90.156	6847.35	3555.69	1736.34	3275.77	0.00	
9725.00†	90.312	90.156	6846.80	3653.64	1736.07	3375.77	0.00	
9825.00†	90.312	90.156	6846.26	3751.58	1735.80	3475.77	0.00	
9925.00†	90.312	90.156	6845.72	3849.53	1735.52	3575.77	0.00	
10025.00†	90.312	90.156	6845.17	3947.48	1735.25	3675.77	0.00	
10125.00†	90.312	90.156	6844.63	4045.42	1734.98	3775.77	0.00	
10225.00†	90.312	90.156	6844.08	4143.37	1734.71	3875.76	0.00	
10325.00†	90.312	90.156	6843.54	4241.31	1734.43	3975.76	0.00	
10425.00†	90.312	90.156	6842.99	4339.26	1734.16	4075.76	0.00	
10525.00†	90.312	90.156	6842.45	4437.20	1733.89	4175.76	0.00	
10625.00†	90.312	90.156	6841.91	4535.15	1733.61	4275.76	0.00	
10725.00†	90.312	90.156	6841.36	4633.10	1733.34	4375.75	0.00	
10825.00†	90.312	90.156	6840.82	4731.04	1733.07	4475.75	0.00	
10925.00†	90.312	90.156	6840.27	4828.99	1732.79	4575.75	0.00	
11025.00†	90.312	90.156	6839.73	4926.93	1732.52	4675.75	0.00	
11125.00†	90.312	90.156	6839.18	5024.88	1732.25	4775.75	0.00	
11225.00†	90.312	90.156	6838.64	5122.82	1731.98	4875.75	0.00	
11325.00†	90.312	90.156	6838.10	5220.77	1731.70	4975.74	0.00	
11425.00†	90.312	90.156	6837.55	5318.72	1731.43	5075.74	0.00	



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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#08 TROUDT 41N-23A-M (760'FNL & 1700'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 41N-23A-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 41N-23A-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (155 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
11525.00†	90.312	90.156	6837.01	5416.66	1731.16	5175.74	0.00	
11625.00†	90.312	90.156	6836.46	5514.61	1730.88	5275.74	0.00	
11725.00†	90.312	90.156	6835.92	5612.55	1730.61	5375.74	0.00	
11825.00†	90.312	90.156	6835.38	5710.50	1730.34	5475.73	0.00	
11925.00†	90.312	90.156	6834.83	5808.44	1730.07	5575.73	0.00	
12025.00†	90.312	90.156	6834.29	5906.39	1729.79	5675.73	0.00	
12125.00†	90.312	90.156	6833.74	6004.34	1729.52	5775.73	0.00	
12225.00†	90.312	90.156	6833.20	6102.28	1729.25	5875.73	0.00	
12325.00†	90.312	90.156	6832.65	6200.23	1728.97	5975.72	0.00	
12425.00†	90.312	90.156	6832.11	6298.17	1728.70	6075.72	0.00	
12525.00†	90.312	90.156	6831.57	6396.12	1728.43	6175.72	0.00	
12625.00†	90.312	90.156	6831.02	6494.06	1728.15	6275.72	0.00	
12725.00†	90.312	90.156	6830.48	6592.01	1727.88	6375.72	0.00	
12825.00†	90.312	90.156	6829.93	6689.95	1727.61	6475.72	0.00	
12925.00†	90.312	90.156	6829.39	6787.90	1727.34	6575.71	0.00	
13025.00†	90.312	90.156	6828.85	6885.85	1727.06	6675.71	0.00	
13125.00†	90.312	90.156	6828.30	6983.79	1726.79	6775.71	0.00	
13225.00†	90.312	90.156	6827.76	7081.74	1726.52	6875.71	0.00	
13325.00†	90.312	90.156	6827.21	7179.68	1726.24	6975.71	0.00	
13425.00†	90.312	90.156	6826.67	7277.63	1725.97	7075.70	0.00	
13525.00†	90.312	90.156	6826.12	7375.57	1725.70	7175.70	0.00	
13625.00†	90.312	90.156	6825.58	7473.52	1725.43	7275.70	0.00	
13725.00†	90.312	90.156	6825.04	7571.47	1725.15	7375.70	0.00	
13825.00†	90.312	90.156	6824.49	7669.41	1724.88	7475.70	0.00	
13925.00†	90.312	90.156	6823.95	7767.36	1724.61	7575.69	0.00	
14025.00†	90.312	90.156	6823.40	7865.30	1724.33	7675.69	0.00	
14125.00†	90.312	90.156	6822.86	7963.25	1724.06	7775.69	0.00	
14225.00†	90.312	90.156	6822.31	8061.19	1723.79	7875.69	0.00	
14325.00†	90.312	90.156	6821.77	8159.14	1723.51	7975.69	0.00	
14425.00†	90.312	90.156	6821.23	8257.09	1723.24	8075.69	0.00	



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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#08 TROUDT 41N-23A-M (760'FNL & 1700'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 41N-23A-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 41N-23A-M PWB
Facility	SEC.27-T06N-R66W		

WELLPATH DATA (155 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
14525.00†	90.312	90.156	6820.68	8355.03	1722.97	8175.68	0.00	
14625.00†	90.312	90.156	6820.14	8452.98	1722.70	8275.68	0.00	
14725.00†	90.312	90.156	6819.59	8550.92	1722.42	8375.68	0.00	
14825.00†	90.312	90.156	6819.05	8648.87	1722.15	8475.68	0.00	
14834.14	90.312	90.156	6819.00 ²	8657.82	1722.13	8484.81	0.00	End of Tangent

HOLE & CASING SECTIONS - Ref Wellbore: TROUDT 41N-23A-M PWB Ref Wellpath: TROUDT 41N-23A-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	1712.72	0.00	0.00	282.56	88.58
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1712.72	0.00	0.00	282.56	88.58
8.5in Open Hole	1750.00	14834.14	13084.14	1712.72	N/A	282.56	88.58	N/A	N/A



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TROUDT 41N-23A-M PWP (REV-A.0)

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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#08 TROUDT 41N-23A-M (760'FNL & 1700'FWL, SEC.27)
Area	COLORADO	Well	TROUDT 41N-23A-M
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	TROUDT 41N-23A-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	-104.90	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	-104.90	3203773.74	1412932.71	40°27'52.531"N	104°46'03.497"W	polygon
SEC.22-T06N-R66W		1.00	1412.74	-8114.04	3195753.51	1414279.17	40°28'06.478"N	104°47'47.123"W	polygon
SEC.23-T06N-R66W		1.00	4231.29	-1972.22	3201871.60	1417148.27	40°28'34.342"N	104°46'27.660"W	polygon
SEC.26-T06N-R66W		1.00	-4763.04	570.27	3204488.23	1408175.60	40°27'05.465"N	104°45'54.763"W	polygon
SEC.27-T06N-R66W		1.00	-4763.04	570.27	3204488.23	1408175.60	40°27'05.465"N	104°45'54.763"W	polygon
2) TROUDT 41N-23A-M BHL ON PLAT (995'FSL & 510'FEL, SEC.23)	14834.14	6819.00	1722.13	8484.81	3212348.61	1414725.69	40°28'09.534"N	104°44'12.358"W	circle
1) TROUDT 41N-23A-M TOP OF PROD ON PLAT (989'FSL & 2525'FEL, SEC.22)	7483.83	6859.00	1742.19	1134.65	3204998.81	1414685.01	40°28'09.746"N	104°45'47.459"W	circle

SURVEY PROGRAM - Ref Wellbore: TROUDT 41N-23A-M PWB Ref Wellpath: TROUDT 41N-23A-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 41N-23A-M PWB
1750.00	14834.14	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		TROUDT 41N-23A-M PWB