

US ROCKIES REGION PLANNING

COLORADO NORTHERN ZONE - 83

SEKICH 23-17

SEKICH 19-17

SEKICH 19-17

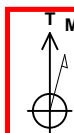
Plan: SEKICH 19-17 (wp02)

Standard Planning Report

22 November, 2010



Project: COLORADO NORTHERN ZONE - 83
 Site: SEKICH 23-17
 Well: SEKICH 19-17
 Wellbore: SEKICH 19-17
 Section:
 SHL:
 Design: SEKICH 19-17 (wp02)
 Latitude: 40.219330
 Longitude: -104.912851
 GL: 4865.00
 KB: WELL @ 4865.00ft (Original Well Elev)



Azimuths to True North
 Magnetic North: 9.00°
 Magnetic Field
 Strength: 53080.4nT
 Dip Angle: 66.90°
 Date: 11/18/2010
 Model: IGRF2010



Weatherford®

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
4005.00	4239.69	SX Depth
4215.00	4470.27	PK Depth
6906.00	7326.95	NIO Depth
7156.00	7576.95	CD Depth
7234.00	7654.95	GH Depth

WELL DETAILS: SEKICH 19-17

+N/-S	+E/-W	Northing	Ground Level: Easting	4865.00 Latitude	Longitude	Slot
0.00	0.00	1323286.88	3163961.67	40.219330	-104.912851	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

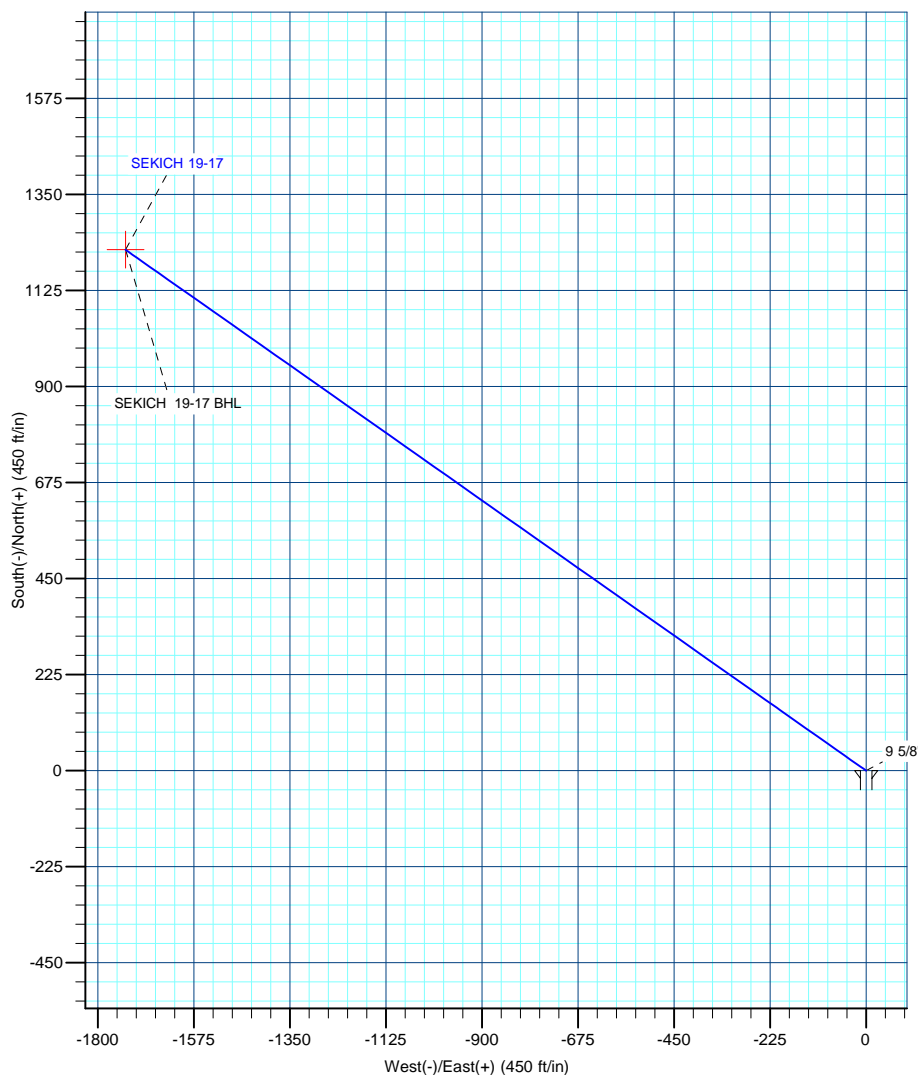
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Point	Shape
SEKICH 19-17 BHL	7316.00	1220.42	-1734.91	40.222680	-104.919064		Point

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	
3	2019.65	24.39	305.12	1983.14	147.14	-209.16	2.00	305.12	255.73	
4	5917.30	24.39	305.12	5532.86	1073.29	-1525.75	0.00	0.00	1865.44	
5	7136.95	0.00	0.00	6716.00	1220.42	-1734.91	2.00	180.00	2121.17	
6	7736.95	0.00	0.00	7316.00	1220.42	-1734.91	0.00	0.00	2121.17	SEKICH 19-17 BHL

CASING DETAILS

TVD	MD	Name	Size
650.00	650.00	9 5/8"	9-5/8



Database:	edm5000p	Local Co-ordinate Reference:	Well SEKICH 19-17
Company:	US ROCKIES REGION PLANNING	TVD Reference:	WELL @ 4865.00ft (Original Well Elev)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	WELL @ 4865.00ft (Original Well Elev)
Site:	SEKICH 23-17	North Reference:	True
Well:	SEKICH 19-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	SEKICH 19-17		
Design:	SEKICH 19-17 (wp02)		

Project	COLORADO NORTHERN ZONE - 83		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site		SEKICH 23-17			
Site Position:		Northing:	1,323,280.39 ft	Latitude:	40.219312
From:	Lat/Long	Easting:	3,163,969.26 ft	Longitude:	-104.912824
Position Uncertainty:	0.00 ft	Slot Radius:	0 "	Grid Convergence:	0.38

Well	SEKICH 19-17					
Well Position	+N/-S	6.55 ft	Northing:	1,323,286.88 ft	Latitude:	40.219330
	+E/-W	-7.54 ft	Easting:	3,163,961.67 ft	Longitude:	-104.912851
Position Uncertainty		0.00 ft	Wellhead Elevation:		Ground Level:	4,865.00 ft

Wellbore	SEKICH 19-17				
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	11/18/2010	9.00	66.90	53,080

Design	SEKICH 19-17 (wp02)				
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Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.00	

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	305.12

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,019.65	24.39	305.12	1,983.14	147.14	-209.16	2.00	2.00	0.00	305.12	
5,917.30	24.39	305.12	5,532.86	1,073.29	-1,525.75	0.00	0.00	0.00	0.00	
7,136.95	0.00	0.00	6,716.00	1,220.42	-1,734.91	2.00	-2.00	0.00	180.00	
7,736.95	0.00	0.00	7,316.00	1,220.42	-1,734.91	0.00	0.00	0.00	0.00	SEKICH 19-17 BHI

Database:	edm5000p	Local Co-ordinate Reference:	Well SEKICH 19-17
Company:	US ROCKIES REGION PLANNING	TVD Reference:	WELL @ 4865.00ft (Original Well Elev)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	WELL @ 4865.00ft (Original Well Elev)
Site:	SEKICH 23-17	North Reference:	True
Well:	SEKICH 19-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	SEKICH 19-17		
Design:	SEKICH 19-17 (wp02)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
650.00	0.00	0.00	650.00	0.00	0.00	0.00	0.00	0.00	0.00
9 5/8"									
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	2.00	305.12	899.98	1.00	-1.43	1.75	2.00	2.00	0.00
1,000.00	4.00	305.12	999.84	4.02	-5.71	6.98	2.00	2.00	0.00
1,100.00	6.00	305.12	1,099.45	9.03	-12.84	15.69	2.00	2.00	0.00
1,200.00	8.00	305.12	1,198.70	16.04	-22.80	27.88	2.00	2.00	0.00
1,300.00	10.00	305.12	1,297.47	25.04	-35.60	43.52	2.00	2.00	0.00
1,400.00	12.00	305.12	1,395.62	36.02	-51.20	62.60	2.00	2.00	0.00
1,500.00	14.00	305.12	1,493.06	48.96	-69.60	85.10	2.00	2.00	0.00
1,600.00	16.00	305.12	1,589.64	63.85	-90.77	110.98	2.00	2.00	0.00
1,700.00	18.00	305.12	1,685.27	80.67	-114.68	140.21	2.00	2.00	0.00
1,800.00	20.00	305.12	1,779.82	99.40	-141.31	172.77	2.00	2.00	0.00
1,900.00	22.00	305.12	1,873.17	120.02	-170.62	208.60	2.00	2.00	0.00
2,000.00	24.00	305.12	1,965.21	142.50	-202.57	247.67	2.00	2.00	0.00
2,019.65	24.39	305.12	1,983.14	147.14	-209.16	255.73	2.00	2.00	0.00
2,100.00	24.39	305.12	2,056.32	166.23	-236.30	288.91	0.00	0.00	0.00
2,200.00	24.39	305.12	2,147.39	189.99	-270.08	330.21	0.00	0.00	0.00
2,300.00	24.39	305.12	2,238.46	213.75	-303.86	371.51	0.00	0.00	0.00
2,400.00	24.39	305.12	2,329.54	237.51	-337.64	412.81	0.00	0.00	0.00
2,500.00	24.39	305.12	2,420.61	261.27	-371.42	454.11	0.00	0.00	0.00
2,600.00	24.39	305.12	2,511.68	285.04	-405.20	495.41	0.00	0.00	0.00
2,700.00	24.39	305.12	2,602.76	308.80	-438.98	536.71	0.00	0.00	0.00
2,800.00	24.39	305.12	2,693.83	332.56	-472.76	578.01	0.00	0.00	0.00
2,900.00	24.39	305.12	2,784.90	356.32	-506.53	619.31	0.00	0.00	0.00
3,000.00	24.39	305.12	2,875.98	380.08	-540.31	660.61	0.00	0.00	0.00
3,100.00	24.39	305.12	2,967.05	403.84	-574.09	701.91	0.00	0.00	0.00
3,200.00	24.39	305.12	3,058.12	427.61	-607.87	743.21	0.00	0.00	0.00
3,300.00	24.39	305.12	3,149.20	451.37	-641.65	784.51	0.00	0.00	0.00
3,400.00	24.39	305.12	3,240.27	475.13	-675.43	825.81	0.00	0.00	0.00
3,500.00	24.39	305.12	3,331.34	498.89	-709.21	867.10	0.00	0.00	0.00
3,600.00	24.39	305.12	3,422.42	522.65	-742.99	908.40	0.00	0.00	0.00
3,700.00	24.39	305.12	3,513.49	546.42	-776.77	949.70	0.00	0.00	0.00
3,800.00	24.39	305.12	3,604.56	570.18	-810.55	991.00	0.00	0.00	0.00
3,900.00	24.39	305.12	3,695.64	593.94	-844.32	1,032.30	0.00	0.00	0.00
4,000.00	24.39	305.12	3,786.71	617.70	-878.10	1,073.60	0.00	0.00	0.00
4,100.00	24.39	305.12	3,877.78	641.46	-911.88	1,114.90	0.00	0.00	0.00
4,200.00	24.39	305.12	3,968.86	665.23	-945.66	1,156.20	0.00	0.00	0.00
4,239.69	24.39	305.12	4,005.00	674.66	-959.07	1,172.59	0.00	0.00	0.00
SX Depth									
4,300.00	24.39	305.12	4,059.93	688.99	-979.44	1,197.50	0.00	0.00	0.00
4,400.00	24.39	305.12	4,151.00	712.75	-1,013.22	1,238.80	0.00	0.00	0.00
4,470.27	24.39	305.12	4,215.00	729.45	-1,036.96	1,267.82	0.00	0.00	0.00
PK Depth									
4,500.00	24.39	305.12	4,242.08	736.51	-1,047.00	1,280.10	0.00	0.00	0.00

Database:	edm5000p	Local Co-ordinate Reference:	Well SEKICH 19-17
Company:	US ROCKIES REGION PLANNING	TVD Reference:	WELL @ 4865.00ft (Original Well Elev)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	WELL @ 4865.00ft (Original Well Elev)
Site:	SEKICH 23-17	North Reference:	True
Well:	SEKICH 19-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	SEKICH 19-17		
Design:	SEKICH 19-17 (wp02)		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,600.00	24.39	305.12	4,333.15	760.27	-1,080.78	1,321.40	0.00	0.00	0.00
4,700.00	24.39	305.12	4,424.22	784.03	-1,114.56	1,362.70	0.00	0.00	0.00
4,800.00	24.39	305.12	4,515.30	807.80	-1,148.34	1,404.00	0.00	0.00	0.00
4,900.00	24.39	305.12	4,606.37	831.56	-1,182.11	1,445.30	0.00	0.00	0.00
5,000.00	24.39	305.12	4,697.44	855.32	-1,215.89	1,486.60	0.00	0.00	0.00
5,100.00	24.39	305.12	4,788.52	879.08	-1,249.67	1,527.90	0.00	0.00	0.00
5,200.00	24.39	305.12	4,879.59	902.84	-1,283.45	1,569.20	0.00	0.00	0.00
5,300.00	24.39	305.12	4,970.66	926.61	-1,317.23	1,610.49	0.00	0.00	0.00
5,400.00	24.39	305.12	5,061.74	950.37	-1,351.01	1,651.79	0.00	0.00	0.00
5,500.00	24.39	305.12	5,152.81	974.13	-1,384.79	1,693.09	0.00	0.00	0.00
5,600.00	24.39	305.12	5,243.88	997.89	-1,418.57	1,734.39	0.00	0.00	0.00
5,700.00	24.39	305.12	5,334.96	1,021.65	-1,452.35	1,775.69	0.00	0.00	0.00
5,800.00	24.39	305.12	5,426.03	1,045.41	-1,486.13	1,816.99	0.00	0.00	0.00
5,900.00	24.39	305.12	5,517.10	1,069.18	-1,519.90	1,858.29	0.00	0.00	0.00
5,917.30	24.39	305.12	5,532.86	1,073.29	-1,525.75	1,865.44	0.00	0.00	0.00
6,000.00	22.74	305.12	5,608.66	1,092.31	-1,552.79	1,898.50	2.00	-2.00	0.00
6,100.00	20.74	305.12	5,701.54	1,113.62	-1,583.08	1,935.54	2.00	-2.00	0.00
6,200.00	18.74	305.12	5,795.66	1,133.05	-1,610.71	1,969.31	2.00	-2.00	0.00
6,300.00	16.74	305.12	5,890.90	1,150.58	-1,635.62	1,999.77	2.00	-2.00	0.00
6,400.00	14.74	305.12	5,987.15	1,166.18	-1,657.81	2,026.90	2.00	-2.00	0.00
6,500.00	12.74	305.12	6,084.28	1,179.85	-1,677.23	2,050.65	2.00	-2.00	0.00
6,600.00	10.74	305.12	6,182.18	1,191.55	-1,693.87	2,070.99	2.00	-2.00	0.00
6,700.00	8.74	305.12	6,280.74	1,201.29	-1,707.71	2,087.91	2.00	-2.00	0.00
6,800.00	6.74	305.12	6,379.82	1,209.03	-1,718.72	2,101.37	2.00	-2.00	0.00
6,900.00	4.74	305.12	6,479.32	1,214.79	-1,726.90	2,111.37	2.00	-2.00	0.00
7,000.00	2.74	305.12	6,579.10	1,218.54	-1,732.23	2,117.89	2.00	-2.00	0.00
7,100.00	0.74	305.12	6,679.05	1,220.28	-1,734.72	2,120.93	2.00	-2.00	0.00
7,136.95	0.00	0.00	6,716.00	1,220.42	-1,734.91	2,121.17	2.00	-2.00	0.00
7,200.00	0.00	0.00	6,779.05	1,220.42	-1,734.91	2,121.17	0.00	0.00	0.00
7,300.00	0.00	0.00	6,879.05	1,220.42	-1,734.91	2,121.17	0.00	0.00	0.00
7,326.95	0.00	0.00	6,906.00	1,220.42	-1,734.91	2,121.17	0.00	0.00	0.00
NIO Depth									
7,400.00	0.00	0.00	6,979.05	1,220.42	-1,734.91	2,121.17	0.00	0.00	0.00
7,500.00	0.00	0.00	7,079.05	1,220.42	-1,734.91	2,121.17	0.00	0.00	0.00
7,576.95	0.00	0.00	7,156.00	1,220.42	-1,734.91	2,121.17	0.00	0.00	0.00
CD Depth									
7,600.00	0.00	0.00	7,179.05	1,220.42	-1,734.91	2,121.17	0.00	0.00	0.00
7,654.95	0.00	0.00	7,234.00	1,220.42	-1,734.91	2,121.17	0.00	0.00	0.00
GH Depth									
7,700.00	0.00	0.00	7,279.05	1,220.42	-1,734.91	2,121.17	0.00	0.00	0.00
7,736.95	0.00	0.00	7,316.00	1,220.42	-1,734.91	2,121.17	0.00	0.00	0.00
SEKICH 19-17 BHL									

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
SEKICH 19-17 BHL	0.00	0.00	7,316.00	1,220.42	-1,734.91	1,324,495.79	3,162,218.72	40.222680	-104.919064
- hit/miss target									
- Shape									
- plan hits target center									
- Point									

Database:	edm5000p	Local Co-ordinate Reference:	Well SEKICH 19-17
Company:	US ROCKIES REGION PLANNING	TVD Reference:	WELL @ 4865.00ft (Original Well Elev)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	WELL @ 4865.00ft (Original Well Elev)
Site:	SEKICH 23-17	North Reference:	True
Well:	SEKICH 19-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	SEKICH 19-17		
Design:	SEKICH 19-17 (wp02)		

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
650.00	650.00	9 5/8"	9-5/8	12-1/4	

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,239.69	3,979.00	SX Depth				
4,470.27	4,189.00	PK Depth				
7,326.95	6,880.00	NIO Depth				
7,576.95	7,130.00	CD Depth				
7,654.95	7,208.00	GH Depth				

US ROCKIES REGION PLANNING

COLORADO NORTHERN ZONE - 83

SEKICH 23-17

SEKICH 19-17

SEKICH 19-17

SEKICH 19-17 (wp02)

Anticollision Summary Report

22 November, 2010



Weatherford®

APC

Anticollision Summary Report



Company:	US ROCKIES REGION PLANNING	Local Co-ordinate Reference:	Well SEKICH 19-17
Project:	COLORADO NORTHERN ZONE - 83	TVD Reference:	WELL @ 4865.00ft (Original Well Elev)
Reference Site:	SEKICH 23-17	MD Reference:	WELL @ 4865.00ft (Original Well Elev)
Site Error:	0.00 ft	North Reference:	True
Reference Well:	SEKICH 19-17	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	SEKICH 19-17	Database:	edm5000p
Reference Design:	SEKICH 19-17 (wp02)	Offset TVD Reference:	Offset Datum

Reference	SEKICH 19-17 (wp02)		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD + Stations Interval 100.00ft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 1,000.00 ft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma		

Survey Tool Program	Date 11/22/2010				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.00	7,736.95	SEKICH 19-17 (wp02) (SEKICH 19-17)	MWD	MWD - Standard	

Summary						
Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
SEKICH 23-17						
HSR SEKICH #15-17 - HSR SEKICH #15-17 - HSR SEK	0.00	0.00	546.76			
HSR SEKICH #15-17 - HSR SEKICH #15-17 - HSR SEK	2,800.00	2,697.70	967.35	951.17	59.787	SF
HSR-SEKICH #14-17 - HSR-SEKICH #14-17 - HSR-SEK	4,682.26	4,411.88	40.35	-2,062.30	0.019	Level 1, CC, SF
HSR-SEKICH #14-17 - HSR-SEKICH #14-17 - HSR-SEK	7,736.95	7,325.00	711.26	-5,017.37	0.124	Level 1, ES
SEKICH 20-17 - SEKICH 20-17 - SEKICH 20-17 (wp01)	800.00	800.00	40.16	36.79	11.911	CC, ES
SEKICH 20-17 - SEKICH 20-17 - SEKICH 20-17 (wp01)	900.00	899.58	42.36	38.55	11.128	SF
SEKICH 23-17 - SEKICH 23-17 - SEKICH 23-17 (wp02)	800.00	800.00	9.99	6.62	2.964	CC, ES
SEKICH 23-17 - SEKICH 23-17 - SEKICH 23-17 (wp02)	900.00	900.26	10.44	6.63	2.738	SF
SEKICH 35-17 - SEKICH 35-17 - SEKICH 35-17 (wp01)	800.00	800.00	29.95	26.58	8.884	CC, ES
SEKICH 35-17 - SEKICH 35-17 - SEKICH 35-17 (wp01)	1,000.00	1,001.34	32.35	28.13	7.676	SF
SEKICH 36-17 - SEKICH 36-17 - SEKICH 36-17 (wp01)	800.00	800.00	19.98	16.61	5.927	CC
SEKICH 36-17 - SEKICH 36-17 - SEKICH 36-17 (wp01)	900.00	900.54	20.37	16.57	5.358	ES
SEKICH 36-17 - SEKICH 36-17 - SEKICH 36-17 (wp01)	1,000.00	1,001.02	21.75	17.53	5.154	SF
SEKICH 37-17 - SEKICH 37-17 - SEKICH 37-17 (wp01)	800.00	800.00	49.91	46.54	14.804	CC, ES
SEKICH 37-17 - SEKICH 37-17 - SEKICH 37-17 (wp01)	900.00	898.42	53.13	49.34	14.005	SF
SEKICH FARMS II UNIT #1 - SEKICH FARMS II UNIT #						Out of range

Company:	US ROCKIES REGION PLANNING	Local Co-ordinate Reference:	Well SEKICH 19-17
Project:	COLORADO NORTHERN ZONE - 83	TVD Reference:	WELL @ 4865.00ft (Original Well Elev)
Reference Site:	SEKICH 23-17	MD Reference:	WELL @ 4865.00ft (Original Well Elev)
Site Error:	0.00 ft	North Reference:	True
Reference Well:	SEKICH 19-17	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	SEKICH 19-17	Database:	edm5000p
Reference Design:	SEKICH 19-17 (wp02)	Offset TVD Reference:	Offset Datum

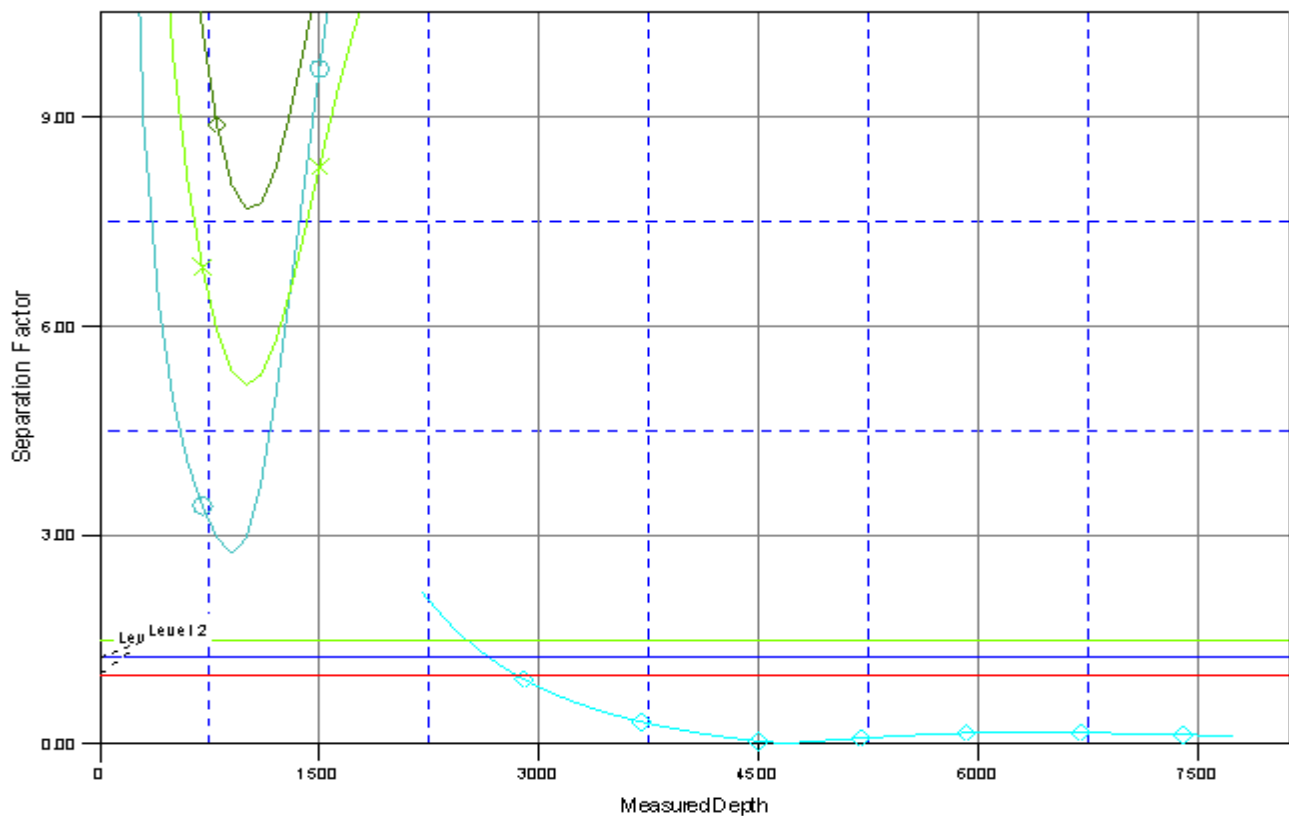
Reference Depths are relative to WELL @ 4865.00ft (Original Well Elev) Coordinates are relative to: SEKICH 19-17
Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1983, Colorado Northern Zone
Central Meridian is -105.500000 Grid Convergence at Surface is: 0.38°







Company:	US ROCKIES REGION PLANNING	Local Co-ordinate Reference:	Well SEKICH 19-17
Project:	COLORADO NORTHERN ZONE - 83	TVD Reference:	WELL @ 4865.00ft (Original Well Elev)
Reference Site:	SEKICH 23-17	MD Reference:	WELL @ 4865.00ft (Original Well Elev)
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Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	SEKICH 19-17	Database:	edm5000p
Reference Design:	SEKICH 19-17 (wp02)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4865.00ft (Original Well Elev) Coordinates are relative to: SEKICH 19-17
Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1983, Colorado Northern Zone
Central Meridian is -105.500000 Grid Convergence at Surface is: 0.38°

Separation Factor Plot



LEGEND

CH35-17 (wp01)\V0  SEKICH20-17, SEKICH 20-17, SEKICH 20-17 (wp01)\V0  SEKICH36-17, SEKICH 36-17, SEKICH 36-17 (wp02)\V0
 CH37-17 (wp01)\V0  SEKICH23-17, SEKICH 23-17, SEKICH 23-17 (wp02)\V0
 HSR-SEKICH#15-17 (wp01)\V0  HSR-SEKICH#14-17, HSR-SEKICH#14-17, HSR-SEKICH#14-17 \V0