

EXTRACTION OIL & GAS

WELD COUNTY, COLORADO (NAD 83)

SW NE SEC. 5 T6N R67W 6th P.M.

MICKEY 8

ORIGINAL WELLBORE

PROPOSAL #2

Anticollision Report

07 October, 2016



Anticollision Report



Company:	EXTRACTION OIL & GAS	Local Co-ordinate Reference:	Well MICKEY 8
Project:	WELD COUNTY, COLORADO (NAD 83)	TVD Reference:	KB-EST @ 4896.0usft
Reference Site:	SW NE SEC. 5 T6N R67W 6th P.M.	MD Reference:	KB-EST @ 4896.0usft
Site Error:	0.0 usft	North Reference:	True
Reference Well:	MICKEY 8	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDM 5000.1 Single User Db
Reference Design:	PROPOSAL #2	Offset TVD Reference:	Offset Datum

Reference	PROPOSAL #2		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD + Stations Interval 100.0usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 10,000.0 us	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program	Date 07/10/2016			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	17,491.5	PROPOSAL #2 (ORIGINAL WELLBORE)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
SW NE SEC. 5 T6N R67W 6th P.M.						
ABDN VERT UPRR-SMITH 1-3 - Wellbore #1 - Design #	15,814.1	6,930.0	582.0	198.8	1.519 CC, ES, SF	
ABDN VERT WINDER 1 - Wellbore #1 - Design #1	12,900.0	6,858.0	556.9	255.7	1.849 CC, ES, SF	
EXIST HZ OCHSNER #50-441 - Wellbore #1 - Wellbore	6,800.0	7,982.5	566.6	524.3	13.405 SF	
EXIST HZ OCHSNER #50-441 - Wellbore #1 - Wellbore	6,981.6	8,012.5	510.4	476.6	15.119 CC, ES	
EXIST VERT JBL 34-34 - Wellbore #1 - Design #1	17,491.5	6,937.0	2,227.9	1,797.7	5.178 CC, ES, SF	
MICKEY 1 - ORIGINAL WELLBORE - PROPOSAL #2	2,200.0	2,201.0	104.9	95.2	10.889 CC, ES	
MICKEY 1 - ORIGINAL WELLBORE - PROPOSAL #2	17,491.5	18,462.0	1,473.7	893.9	2.542 SF	
MICKEY 10 - ORIGINAL WELLBORE - PROPOSAL #2	2,000.0	2,000.0	30.0	21.3	3.441 CC	
MICKEY 10 - ORIGINAL WELLBORE - PROPOSAL #2	17,491.5	17,569.8	529.2	-15.7	0.971 Level 1, ES, SF	
MICKEY 11 - ORIGINAL WELLBORE - PROPOSAL #2	1,900.0	1,900.0	45.1	36.8	5.443 CC, ES	
MICKEY 11 - ORIGINAL WELLBORE - PROPOSAL #2	17,491.5	17,349.6	649.9	66.8	1.115 Level 2, SF	
MICKEY 12 - ORIGINAL WELLBORE - PROPOSAL #2	1,800.0	1,800.0	60.1	52.3	7.673 CC, ES	
MICKEY 12 - ORIGINAL WELLBORE - PROPOSAL #2	17,491.5	17,315.2	980.0	397.2	1.681 SF	
MICKEY 13 - ORIGINAL WELLBORE - PROPOSAL #2	1,700.0	1,700.0	75.1	67.7	10.175 CC, ES	
MICKEY 13 - ORIGINAL WELLBORE - PROPOSAL #2	17,491.5	17,500.4	1,157.3	582.3	2.013 SF	
MICKEY 2 - ORIGINAL WELLBORE - PROPOSAL #2	2,200.0	2,201.0	89.9	80.2	9.330 CC, ES	
MICKEY 2 - ORIGINAL WELLBORE - PROPOSAL #2	17,491.5	18,157.5	1,299.9	714.8	2.222 SF	
MICKEY 3 - ORIGINAL WELLBORE - PROPOSAL #2	2,200.0	2,201.0	74.8	65.2	7.770 CC, ES	
MICKEY 3 - ORIGINAL WELLBORE - PROPOSAL #2	17,491.5	17,943.7	970.2	385.3	1.659 SF	
MICKEY 4 - ORIGINAL WELLBORE - PROPOSAL #2	2,200.0	2,200.0	59.8	50.2	6.212 CC, ES	
MICKEY 4 - ORIGINAL WELLBORE - PROPOSAL #2	17,491.5	18,011.1	834.0	266.7	1.470 Level 3, SF	
MICKEY 5 - ORIGINAL WELLBORE - PROPOSAL #2	2,200.0	2,200.0	44.8	35.2	4.651 CC, ES	
MICKEY 5 - ORIGINAL WELLBORE - PROPOSAL #2	17,491.5	17,750.3	650.0	65.5	1.112 Level 2, SF	
MICKEY 6 - ORIGINAL WELLBORE - PROPOSAL #2	2,200.0	2,200.0	30.0	20.4	3.121 CC	
MICKEY 6 - ORIGINAL WELLBORE - PROPOSAL #2	17,491.5	17,609.0	319.9	-264.3	0.548 Level 1, ES, SF	
MICKEY 7 - ORIGINAL WELLBORE - PROPOSAL #2	2,200.0	2,200.0	15.0	5.4	1.561 CC	
MICKEY 7 - ORIGINAL WELLBORE - PROPOSAL #2	17,491.5	17,731.7	256.1	-125.7	0.671 Level 1, ES, SF	
MICKEY 9 - ORIGINAL WELLBORE - PROPOSAL #2	2,100.0	2,100.0	15.0	5.8	1.636 CC	
MICKEY 9 - ORIGINAL WELLBORE - PROPOSAL #2	17,491.5	17,409.2	330.1	-253.4	0.566 Level 1, ES, SF	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation