

# **EXTRACTION OIL & GAS**

**WELD COUNTY, COLORADO (NAD 83)**

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

**MICKEY 7**

**ORIGINAL WELLBORE**

**PROPOSAL #2**

## **Anticollision Report**

**07 October, 2016**



# Anticollision Report



<b>Company:</b>	EXTRACTION OIL & GAS	<b>Local Co-ordinate Reference:</b>	Well MICKEY 7
<b>Project:</b>	WELD COUNTY, COLORADO (NAD 83)	<b>TVD Reference:</b>	KB-EST @ 4896.0usft
<b>Reference Site:</b>	SW NE SEC. 5 T6N R67W 6th P.M.	<b>MD Reference:</b>	KB-EST @ 4896.0usft
<b>Site Error:</b>	0.0 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	MICKEY 7	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	ORIGINAL WELLBORE	<b>Database:</b>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	PROPOSAL #2	<b>Offset TVD Reference:</b>	Offset Datum

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

<b>Survey Tool Program</b>	<b>Date</b> 07/10/2016			
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.0	17,731.7	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
Offet Well - Wellbore - Design						
SW NE SEC. 5 T6N R67W 6th P.M.						
ABDN VERT UPRR-SMITH 1-3 - Wellbore #1 - Design #	16,055.5	7,130.0	742.0	354.7	1.916 CC, ES	
ABDN VERT UPRR-SMITH 1-3 - Wellbore #1 - Design #	16,100.0	7,130.0	743.3	354.8	1.913 SF	
ABDN VERT WINDER 1 - Wellbore #1 - Design #1	13,141.3	7,058.0	716.8	411.6	2.349 CC, ES	
ABDN VERT WINDER 1 - Wellbore #1 - Design #1	13,200.0	7,058.0	719.2	412.3	2.344 SF	
EXIST HZ OCHSNER #50-441 - Wellbore #1 - Wellbore	7,050.0	8,109.0	383.3	338.0	8.461 SF	
EXIST HZ OCHSNER #50-441 - Wellbore #1 - Wellbore	7,134.9	8,129.0	368.3	327.1	8.957 CC, ES	
EXIST VERT JBL 34-34 - Wellbore #1 - Design #1	17,731.7	7,137.0	2,073.6	1,639.3	4.775 CC, ES, SF	
MICKEY 1 - ORIGINAL WELLBORE - PROPOSAL #2	2,300.0	2,301.0	89.8	79.8	8.912 CC, ES	
MICKEY 1 - ORIGINAL WELLBORE - PROPOSAL #2	17,731.7	18,462.0	1,300.3	714.6	2.220 SF	
MICKEY 10 - ORIGINAL WELLBORE - PROPOSAL #2	2,000.0	2,000.0	45.1	36.3	5.162 CC, ES	
MICKEY 10 - ORIGINAL WELLBORE - PROPOSAL #2	17,731.7	17,568.6	649.9	66.8	1.115 Level 2, SF	
MICKEY 11 - ORIGINAL WELLBORE - PROPOSAL #2	1,900.0	1,900.0	60.1	51.8	7.258 CC, ES	
MICKEY 11 - ORIGINAL WELLBORE - PROPOSAL #2	17,731.7	17,348.3	834.2	267.8	1.473 Level 3, SF	
MICKEY 12 - ORIGINAL WELLBORE - PROPOSAL #2	1,800.0	1,800.0	75.1	67.3	9.592 CC, ES	
MICKEY 12 - ORIGINAL WELLBORE - PROPOSAL #2	17,731.7	17,313.2	1,157.3	583.3	2.016 SF	
MICKEY 13 - ORIGINAL WELLBORE - PROPOSAL #2	1,700.0	1,700.0	90.1	82.8	12.211 CC, ES	
MICKEY 13 - ORIGINAL WELLBORE - PROPOSAL #2	17,731.7	17,500.0	1,299.8	717.3	2.231 SF	
MICKEY 2 - ORIGINAL WELLBORE - PROPOSAL #2	2,300.0	2,301.0	74.8	64.7	7.423 CC, ES	
MICKEY 2 - ORIGINAL WELLBORE - PROPOSAL #2	17,731.7	18,157.5	1,157.6	579.3	2.002 SF	
MICKEY 3 - ORIGINAL WELLBORE - PROPOSAL #2	2,300.0	2,301.0	59.8	49.7	5.933 CC, ES	
MICKEY 3 - ORIGINAL WELLBORE - PROPOSAL #2	17,731.7	17,943.7	834.8	264.0	1.462 Level 3, SF	
MICKEY 4 - ORIGINAL WELLBORE - PROPOSAL #2	2,300.0	2,300.0	44.8	34.7	4.444 CC, ES	
MICKEY 4 - ORIGINAL WELLBORE - PROPOSAL #2	17,731.7	18,011.1	650.0	65.5	1.112 Level 2, SF	
MICKEY 5 - ORIGINAL WELLBORE - PROPOSAL #2	2,300.0	2,300.0	29.8	19.7	2.953 CC	
MICKEY 5 - ORIGINAL WELLBORE - PROPOSAL #2	17,731.7	17,750.3	529.6	-17.3	0.968 Level 1, ES, SF	
MICKEY 6 - ORIGINAL WELLBORE - PROPOSAL #2	2,300.0	2,300.0	15.0	4.9	1.490 Level 3, CC	
MICKEY 6 - ORIGINAL WELLBORE - PROPOSAL #2	17,731.7	17,609.0	256.1	-135.1	0.655 Level 1, ES, SF	
MICKEY 8 - ORIGINAL WELLBORE - PROPOSAL #2	2,200.0	2,200.0	15.0	5.4	1.561 CC	
MICKEY 8 - ORIGINAL WELLBORE - PROPOSAL #2	17,731.7	17,490.3	256.1	-125.6	0.671 Level 1, ES, SF	
MICKEY 9 - ORIGINAL WELLBORE - PROPOSAL #2	2,100.0	2,100.0	30.0	20.9	3.273 CC	
MICKEY 9 - ORIGINAL WELLBORE - PROPOSAL #2	17,731.7	17,407.9	529.2	-12.5	0.977 Level 1, ES, SF	

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