

SURVEY DATA CERTIFICATION



PHOENIX
TECHNOLOGY SERVICES

Job # 1321428 Wellbore Name Winder 9-41 Main
Well Name: Winder 9-41
County/State: Weld County, CO
Latitude: 40° 30' 25.992 N
1/4-1/4 Section-Township-Range-Footages: Sec 9-T6N-R67W

Client: Extraction Oil & Gas
API#: 05-123-36164
Direction: 46.60
Longitude: 104° 53' 28.608 W
Rig name: Fort Drilling #5

TIE IN DATA

MD	TVD	INC	AZM
650.00	650.00	0.00	0.00

N-S	E-W	DATA SOURCE
0.00	0.00	
Data Source Company:		Exploration Oil & Gas

FIRST SURVEY

DATE	DEPTH	INC	AZM
25-Oct-13	712.00	0.30	296.90

LAST SURVEY

DATE	DEPTH	INC	AZM
29-Oct-13	7490.00	2.20	71.80

STRAIGHT LINE PROJECTION TO TD

DATE	DEPTH	INC	AZM
29-Oct-13	7542.00	2.20	71.80

DEPTH DATUM

KELLY BUSHING	GROUND LEVEL
12.00	4868.00

MWD 1: Hunter Wright
MWD 2: Jason Peer
MWD 3: 0

DD 1: John Vrana
DD 2: Justin Hill
DD 3: 0

TOTAL CORRECTION: 8.62
DECLINATION OR GRID: DEC
MWD TYPE: P-360

PRINT YOUR NAME

SIGN YOUR NAME

DATE

Hunter Wright

Hunter Wright

29-Oct-13

PRINT WELL PLANNER

SIGN WELL PLANNER

DATE

Michael W. Ramich

Michael W. Ramich

10/30/13

The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by Phoenix Technology Services USA INC. I am authorized and qualified to review the data, calculations, and this report, and that the report represents a true and correct Directional Survey of this well based on the original data corrected to True North and obtained at the well site. Wellbore coordinates are calculated using Minimum curvature or other method.