

WELL DETAILS: Duck Club 12W-20-7N

Ground Elevation:: 5037.00
RKB Elevation: KB=25 @ 5062.00usft (Patt 901)
Rig Name: Patt 901

Northing
1236127.99


Easting
3215515.79

Latitude
39.97899

Longitude
-104.73095

Extraction Oil & Gas

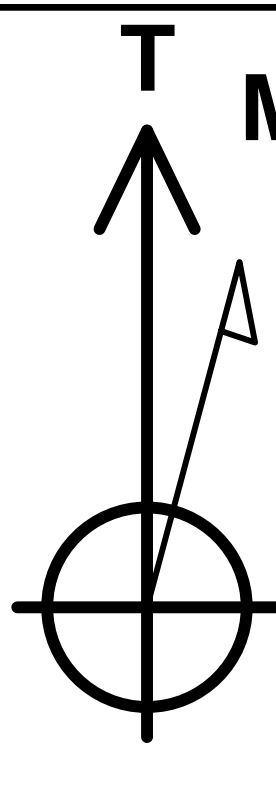
Project: Adams County (NAD 83)
Site: Sec 12-T01S-R66W
Well: Duck Club 12W-20-7N
Wellbore: Wellbore #1
Plan: Plan #2 (Duck Club 12W-20-7N/Wellbore #1)



Planned Section Details									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
1	1543.00	12.09	90.19	1539.81	4.75	52.30	0.00	0.00	-52.28
2	2144.73	24.12	89.05	2110.70	6.58	238.94	2.00	-2.23	-238.90
3	6012.87	24.12	89.05	5641.12	32.79	1819.43	0.00	0.00	-1819.24
4	7218.87	0.00	0.00	6811.82	36.94	2069.52	2.00	180.00	-2069.30
5	7248.87	0.00	0.00	6841.82	36.94	2069.52	0.00	0.00	-2069.30
6	8145.87	89.70	270.03	7414.77	37.24	1499.56	10.00	270.03	-1499.35
7	17783.71	89.70	270.02	7465.00	41.41	-8138.15	0.00	-75.29	8138.26

PROJECT DETAILS: Adams County (NAD 83)
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
System Datum: Mean Sea Level
Local North: True

T
M



Azimuths to True North
Magnetic North: 8.20°

Magnetic Field
Strength: 51945.4snT
Dip Angle: 66.32°
Date: 11/6/2018
Model: HDGM

Vertical Section at 270.29° (400 usft/in)