



Extraction Oil & Gas
Project: Weld County, CO (NAD83)
Site: Sec 07-T01S-R68W Livingston Pad
Well: Livingston S19-25-15N
Wellbore: Wellbore #1
Design: Wellbore #1 (Livingston S19-25-15N/Wellbore #1)
Patterson 901

PROJECT DETAILS: Weld County, CO (NAD83)
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
System Datum: Ground Level
Local North: True

WELL DETAILS: Livingston S19-25-15N

Ground Elevation:: 5327.30
RKB Elevation: KB @ 5356.30usft (Patterson 901)
Rig Name: Patterson 901

Northing	Easting	Latitude	Longitude
1235372.29	3129128.33	39.978560	-105.039223

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
130.00	0.40	359.67	130.00	0.45	0.00	-0.45	0.45	First MWD Survey @ 130' MD
7751.38	29.99	168.11	7559.90	685.51	1167.90	-577.12	1486.19	30° Inclination @ 7751.38' MD
8343.91	70.00	178.95	7931.16	239.84	1188.85	-131.37	1931.14	70° Inclination @ 8343.91' MD
10916.98	90.68	176.22	7982.53	-2327.00	1136.38	2420.21	4499.68	Cross @ 10916.98' MD
16187.95	89.76	179.54	8029.33	-7595.00	1122.95	7665.42	9769.75	Cross @ 16187.95' MD
20897.00	90.06	176.54	8073.91	-12302.42	1118.76	12353.19	14477.94	Last MWD Survey @ 20897' MD
20962.00	90.06	176.54	8073.85	-12367.30	1122.69	12418.16	14542.94	Projection to TD @ 20962' MD 511' FSL/ 90' FEL

SHL/ 2331' FSL & 1276' FEL
LP/ 2494' FSL & 128' FEL
BHL/ 460' FSL & 252' FEL
Ground Elevation 5327.3'

