



Bayswater Exploration & Production, LLC

SEC.34-T7N-R65W

Groves Farm 34-L Pad Sec.34-T7N-R65W

Groves Farm T-34-33HN (Dropped)

Groves Frams T-34-33HN Wellbore #1

Design: Groves Frams T-34-33HN Wellbore #1

Standard Survey Report

15 January, 2021



BAYSWATER
EXPLORATION & PRODUCTION, LLC

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Groves Farm T-34-33HN (Dropped)
Project:	SEC.34-T7N-R65W	TVD Reference:	WELL @ 4867.0ft (Original Well Elev)
Site:	Groves Farm 34-L Pad Sec.34-T7N-R65W	MD Reference:	WELL @ 4867.0ft (Original Well Elev)
Well:	Groves Farm T-34-33HN (Dropped)	North Reference:	True
Wellbore:	Groves Frams T-34-33HN Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Groves Frams T-34-33HN Wellbore #1	Database:	US_EDM

Project	SEC.34-T7N-R65W, Weld County, CO		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site	Groves Farm 34-L Pad Sec.34-T7N-R65W				
Site Position:		Northing:	1,437,170.88 usft	Latitude:	40.530274
From:	Lat/Long	Easting:	3,238,241.57 usft	Longitude:	-104.642926
Position Uncertainty:	0.0 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.55 °

Well	Groves Farm T-34-33HN (Dropped)					
Well Position	+N/-S	0.0 ft	Northing:	1,437,080.86 usft	Latitude:	40.530027
	+E/-W	0.0 ft	Easting:	3,238,240.22 usft	Longitude:	-104.642934
Position Uncertainty		0.0 ft	Wellhead Elevation:	0.0 ft	Ground Level:	4,844.0 ft

Wellbore	Groves Frams T-34-33HN Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	10/14/2020	7.77	66.85	52,073

Design	Groves Frams T-34-33HN Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	131.28	

Survey Program	Date	01/15/2021			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
208.0	1,578.0	Survey #1 (Groves Frams T-34-33HN Wel	MWD	MWD - Standard	

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
208.0	0.79	359.33	208.0	1.4	0.0	-1.0	0.38	0.38	0.00	
297.0	1.41	6.72	297.0	3.1	0.1	-2.0	0.71	0.70	8.30	
387.0	0.53	8.47	387.0	4.6	0.3	-2.8	0.98	-0.98	1.94	
476.0	0.53	11.81	476.0	5.5	0.4	-3.3	0.03	0.00	3.75	
566.0	0.44	117.81	566.0	5.7	0.8	-3.1	0.86	-0.10	117.78	
655.0	0.53	137.32	655.0	5.2	1.4	-2.4	0.21	0.10	21.92	
744.0	0.62	126.95	743.9	4.6	2.1	-1.5	0.15	0.10	-11.65	
833.0	0.79	132.57	832.9	3.9	2.9	-0.4	0.21	0.19	6.31	
923.0	1.06	129.94	922.9	3.0	4.0	1.0	0.30	0.30	-2.92	

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Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
1,012.0	1.32	121.85	1,011.9	1.9	5.5	2.9	0.35	0.29	-9.09	
1,101.0	2.73	134.68	1,100.9	-0.1	7.9	6.0	1.65	1.58	14.42	
1,191.0	4.92	135.91	1,190.6	-4.4	12.1	12.0	2.43	2.43	1.37	
1,280.0	5.80	133.98	1,279.3	-10.3	18.0	20.3	1.01	0.99	-2.17	
1,370.0	7.83	139.61	1,368.6	-18.1	25.2	30.9	2.37	2.26	6.26	
1,460.0	8.53	139.25	1,457.7	-27.8	33.6	43.6	0.78	0.78	-0.40	
1,518.0	8.88	139.61	1,515.0	-34.5	39.3	52.3	0.61	0.60	0.62	
1,578.0	8.88	139.61	1,574.3	-41.5	45.3	61.4	0.00	0.00	0.00	

Checked By: _____	Approved By: _____	Date: _____
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