



## **Bayswater Exploration & Production, LLC**

**SEC.34-T7N-R65W**

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

**Groves Farm Q-34-33HN (Dropped)**

**Groves Farms Q-34-33HN Wellbore #1**

**Design: Groves Farms Q-34-33HN Wellbore #1**

## **Standard Survey Report**

**15 January, 2021**



**BAYSWATER**  
**EXPLORATION & PRODUCTION, LLC**

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

<b>Project</b>	SEC.34-T7N-R65W, Weld County, CO		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		Using Well Reference Point
<b>Map Zone:</b>	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 Q-34-33HN (Dropped)					
Well Position	+N/-S	0.0 ft	Northing:	1,437,125.68 usft	Latitude:	40.530150
	+E/-W	0.0 ft	Easting:	3,238,240.89 usft	Longitude:	-104.642930
Position Uncertainty		0.0 ft	Wellhead Elevation:	0.0 ft	Ground Level:	4,844.0 ft

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

<b>Design</b>	Groves Farms Q-34-33HN Wellbore #1				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>	
	0.0	0.0	0.0	107.79	

<b>Survey Program</b>	<b>Date</b>	01/15/2021			
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
207.0	1,545.0	Survey #1 (Groves Farms Q-34-33HN We	MWD	MWD - Standard	

<b>Survey</b>										
<b>Measured Depth (ft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Vertical Section (ft)</b>	<b>Dogleg Rate (°/100usft)</b>	<b>Build Rate (°/100usft)</b>	<b>Turn Rate (°/100usft)</b>	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
207.0	0.50	48.73	207.0	0.6	0.7	0.5	0.24	0.24	0.00	
297.0	0.62	48.38	297.0	1.2	1.3	0.9	0.13	0.13	-0.39	
386.0	0.88	36.60	386.0	2.0	2.1	1.4	0.34	0.29	-13.24	
475.0	1.32	39.06	475.0	3.4	3.2	2.0	0.50	0.49	2.76	
565.0	0.26	88.28	565.0	4.2	4.0	2.5	1.30	-1.18	54.69	
653.0	0.26	74.57	653.0	4.3	4.4	2.9	0.07	0.00	-15.58	
743.0	0.44	78.26	743.0	4.4	4.9	3.4	0.20	0.20	4.10	
832.0	0.35	82.65	832.0	4.5	5.5	3.9	0.11	-0.10	4.93	
921.0	0.62	75.97	921.0	4.6	6.3	4.6	0.31	0.30	-7.51	

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

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)
1,010.0	0.09	318.20	1,009.9	4.8	6.7	4.9	0.75	-0.60	-132.33
1,099.0	0.44	289.72	1,098.9	5.0	6.3	4.5	0.41	0.39	-32.00
1,189.0	0.70	198.32	1,188.9	4.6	5.8	4.2	0.93	0.29	-101.56
1,278.0	1.23	195.15	1,277.9	3.1	5.4	4.2	0.60	0.60	-3.56
1,368.0	1.41	192.34	1,367.9	1.1	4.9	4.4	0.21	0.20	-3.12
1,457.0	1.93	189.53	1,456.9	-1.4	4.4	4.7	0.59	0.58	-3.16
1,545.0	1.93	189.53	1,544.8	-4.3	4.0	5.1	0.00	0.00	0.00

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------