

AB1A **Burmis - Foothills**
Alberta Twp 7 Rge 6 W5M
Well Cost Estimate

DRILL AND COMPLETE AFE

DRILLING	
ACCT #	
Well License / Applications	\$500
Surface Lease & Survey	\$14,600
Preparation & Roads	\$343,000
Cleanup	\$162,000
SUB - TOTAL	\$520,100
Rig Move	\$444,400
Daywork	\$3,465,000
Directional Costs	\$950,000
Boiler	\$0
Bits	\$130,000
Fuel & Power	\$564,000
Water	\$159,800
Mud & Chemicals	\$346,875
Crew Travel	\$65,800
Camp & Subsistence	\$1,438,200
SUB - TOTAL	\$7,564,075
Coring & Analysis	\$15,000
DST & Analysis	\$20,000
Logging	\$33,150
SUB - TOTAL	\$68,150
Surface Casing & access.	\$129,300
Cementing - Surface	\$18,000
Intermediate Casing & access.	\$860,050
Cementing - Intermediate	\$73,480
SUB - TOTAL	\$1,080,830
Equipment Rentals	\$1,952,310
Transportation and Hauling	\$571,000
Supervision & Consulting	\$432,000
In-house Engineering (Drilling)	\$54,800
Equipment Inspection	\$12,600
Well Insurance	\$18,800
Safety	\$169,200
Environmental Services	\$15,000
Misc. Costs	\$881,800
Overhead	\$126,900
SUB - TOTAL	\$4,234,410
Abandonment Cost	\$23,100
SUB - TOTAL	\$23,100
Total D & A Estimate	\$13,490,665
Total Drill and Case Est.	\$14,065,815

COMPLETION	
ACCT #	
Prod. Csg. & Accessories	\$443,250
Cementing - Production	\$112,500
Tubing & Accessories	\$137,600
Wellhead Equipment	\$30,000
Remedial Cementing	\$0
Service Rig	\$75,300
Logging (cement bond log)	\$10,200
Slickline/Wireline (Other)	\$20,400
Perforating	\$25,500
Stimulation (Frac or Acid)	\$68,000
Testing / Pressure Surveys	\$34,000
Gas / Liquid Analysis	\$2,000
Transportation	\$27,000
Equipment Rentals	\$18,700
Downhole Tools (intangibles)	\$38,250
Completion Fluids	\$34,600
Snubbing	\$0
Nitrogen	\$0
Inspection / Safety	\$15,000
Wellsite Supervision	\$17,400
In-house Engineering (Completions)	\$0
Other Services	\$17,300
Misc. Costs	\$40,000
Overhead	\$7,700
Total Casing and Completion Estimate	\$1,174,700

Total Drill, Case and Complete Estimate \$14,684,765

Assumptions include but not limited to:

Oil / Gas	Gas
Vertical / Horizontal / Directional	D
Critical H2S (Y/N)	Y
Target Formation	Wabamun
Estimated BHT (Degrees C)	150
Estimated BHP (kPa)	35000
Single or Multi Zone	Single
Sweet or Sour	Sour
Total Days Rig-in to Tear-out	188
Drill Stem Tests (number)	2
Cores Cut (number)	1
Surface Casing Set Depth (m)	600
Surface Casing Spec.	339.7 mm 90.78 kg/m J-55
Production Casing Set Depth (m)	4500
Production Casing Spec	177.8 mm 43.20 kg/m L-80
Stimulation Required (Y/N)	Y
Propped Frac or Acid	Acid
Type of Frac	N/A
Proppant Size and Tonnage	N/A
Flow Test Required (Y/N)	Y
Tubing Set Depth (m)	4300
Tubing Spec.	88.9 mm 13.85 kg/m, J-55 SML