

Project Investment Estimate

Chaparral - 2015 - Non-Pad

Chaparral
ENERGY

Well/Project:	Big Timber 1408 #1UMH-2		
Prospect :			
Location:	W/2 Section 2- 14N- 8W, Canadian County, Oklahoma		
Objective :	Developmental	EST TD:	14,200 ft MD
Type Well:	Horizontal	OTHER:	

DATE:	November 4, 2016
Rev # & Date:	
AFE NO:	NA
COUNTY:	Canadian
STATE:	OK
TEAM:	Stillwater

INTANGIBLES				DRYHOLE COSTS	COMPLETION COSTS	TOTAL COSTS
Surface Damages, Right of Way and other Permits, & Legal Fees				\$45,000	\$1,420	\$46,420
Roads, Location & Restoration				\$80,000	\$15,000	\$95,000
Conductor Hole & Services				\$10,000	\$0	\$10,000
Mobil/Demob				\$118,200	\$0	\$118,200
Drilling (Day, Flg, Turnkey)				\$243,000	\$40,500	\$283,500
Fuel, Water & Power				\$81,900	\$108,380	\$190,280
Mud, Materials & Services				\$100,000	\$0	\$100,000
Drilling Bits				\$45,500	\$0	\$45,500
Directional Equipment & Services				\$122,000	\$0	\$122,000
Surface & Downhole Rental Equipment				\$100,000	\$109,250	\$209,250
Logging & Formation Evaluation				\$11,900	\$0	\$11,900
Cementing, Materials & Services				\$25,000	\$15,000	\$40,000
Hotshots & Equipment Delivery				\$10,000	\$19,875	\$29,875
Supervision & Technical Services				\$70,400	\$24,600	\$95,000
Pipe Crews - Equipment & Labor				\$40,000	\$18,500	\$58,500
Labor & Supplies				\$45,000	\$0	\$45,000
Insurance				\$37,345	\$0	\$37,345
Overhead				\$9,000	\$2,500	\$11,500
Plugging & Abandonment				\$0	\$0	\$0
Completion Rig				\$0	\$5,700	\$5,700
Perforating & Wireline Work				\$0	\$62,500	\$62,500
Fracturing, Acidizing & Sand Control				\$0	\$900,000	\$900,000
Coiled Tubing Unit & N2				\$0	\$57,800	\$57,800
Completion Drilling Equipment & Services				\$0	\$21,000	\$21,000
Flowback Services & Haul Off				\$0	\$37,830	\$37,830
Miscellaneous Intangibles				\$2,000	\$1,200	\$3,200
Contingency - Intangible				\$60,000	\$72,000	\$132,000
TOTAL INTANGIBLES				\$1,256,245	\$1,513,055	\$2,769,300
TANGIBLES				DRYHOLE COSTS	COMPLETION COSTS	TOTAL COSTS
Conductor				\$0	\$0	\$0
SELECT CATEGOF				\$0	\$0	\$0
Surface				\$16,800	\$0	\$16,800
Intermediate				\$200,200	\$0	\$200,200
Liner				\$0	\$86,100	\$86,100
Tubing				\$0	\$24,050	\$24,050
Plugs, Packers, Tubing Anchors, Liner Hanger				\$0	\$95,000	\$95,000
Wellhead Equipment				\$5,000	\$21,000	\$26,000
Pumping Unit, Prime Mover & Rods				\$0	\$0	\$0
Artificial Lift (Gas Lift)				\$0	\$14,000	\$14,000
Well Site Flowlines, Connections, Valves & Gauges				\$0	\$47,000	\$47,000
Stock Tanks				\$0	\$27,500	\$27,500
Separation Equipment				\$0	\$35,000	\$35,000
Gas Prod. Unit, Dehydrator				\$0	\$26,000	\$26,000
Well Site Labor & Services				\$0	\$22,000	\$22,000
Electrical Installation & Equipment				\$0	\$28,000	\$28,000
SWD Flowlines & Equipment				\$0	\$0	\$0
Misc. Lease Equipment				\$0	\$31,000	\$31,000
Contingency - Tangible				\$0	\$14,000	\$14,000
TOTAL TANGIBLES				\$222,000	\$470,650	\$692,650
TOTAL COST >>>				\$1,478,245	\$1,983,705	\$3,461,950

WIO APPROVAL

COMPANY: _____

APPROVED BY: _____

DATE: _____

WI: _____

CHAPARRAL ENERGY COST ESTIMATE APPROVAL

APPROVED BY: MAN MORRIS

TITLE: Resource Development Mgr.

DATE: 11/9/16

This AFE is an estimate of proposed expenditures. By execution of this AFE, WIO acknowledges that this is an estimate only and agrees to reimburse CELLC for actual cost.

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AFE WORKBOOK - v10042012 - STV



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