

Project Investment Estimate

Chaparral - 2016 - Non-Pad

Chaparral
ENERGY

MAR 06 2017

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

DATE:	February 12, 2017
Rev # & Date:	
AFE NO:	16DC058
COUNTY:	Canadian
STATE:	OK
TEAM:	Weatherford

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
Moib/Demob	\$118,200	\$0	\$118,200
Drilling (Day, Fig, Turnkey)	\$243,000	\$40,500	\$283,500
Fuel, Water & Power	\$81,900	\$108,380	\$189,280
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	\$82,500	\$82,500
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: _____

Wt: _____

CHAPARRAL ENERGY COST ESTIMATE APPROVAL

APPROVED BY: _____

TITLE: DEC MANAGER

DATE: 02/13/17

This AFE is an estimate of project costs. By execution of this AFE, WIO acknowledges that this is an estimate only and agrees to reimburse CELLG for actual cost.

Site and Land Location: CANADIAN 14N-8WSEC 20CC DATA\Big Timber 1408 #1UMH-2 Type AFE.xlsx\Classic AFE Format

AFE WORKBOOK - 1/20/2012 - STY