

## Project Investment Estimate

Chaparral - 2016 - Non-Pad

# Chaparral

ENERGY

Well/Project:	Dolly Varden 1307 #1WH-26		
Prospect :	2017 Project Non-Pad AFE		
Location:	Section 26- 13N- 7W, Canadian County, Oklahoma		
Objective :	Developmental	EST TD:	14,250 ft MD
Type Well:	Horizontal	OTHER:	

DATE:	January 16, 2017
Rev # & Date:	
AFE NO:	NA
COUNTY:	Canadian
STATE:	OK
TEAM:	Stillwater



FEB 17 2017

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	\$100,000	\$15,000	\$115,000
Conductor Hole & Services	\$12,000	\$0	\$12,000
Mob/Demob	4 Day(s) @ 80% Day Rate (MOB) + \$100,000 Additional Services & Trucking	\$0	\$146,400
Drilling (Day, Ftg, Turnkey)	16 DRUG Days & 4 C&S Days @ \$14500/Day	\$58,000	\$316,000
Fuel, Water & Power	\$72,800	\$113,680	\$186,480
Mud, Materials & Services	\$150,000	\$0	\$150,000
Drilling Bits	\$53,000	\$0	\$53,000
Directional Equipment & Services	\$116,500	\$0	\$116,500
Surface & Downhole Rental Equipment	\$150,000	\$114,000	\$264,000
Logging & Formation Evaluation	\$61,900	\$0	\$61,900
Cementing, Materials & Services	\$25,000	\$12,000	\$37,000
Hotshots & Equipment Delivery	\$10,000	\$19,875	\$29,875
Supervision & Technical Services	\$60,000	\$27,000	\$87,000
Pipe Crews - Equipment & Labor	\$40,000	\$2,500	\$42,500
Labor & Supplies	\$45,000	\$0	\$45,000
Insurance	\$37,345	\$0	\$37,345
Overhead	\$8,000	\$2,500	\$10,500
Plugging & Abandonment	\$0	\$0	\$0
Completion Rig	2 Days @ \$2,850 /Day	\$5,700	\$5,700
Perforating & Wireline Work	\$0	\$62,500	\$62,500
Fracturing, Acidizing & Sand Control - 14 Stages Intallic	\$0	\$1,350,000	\$1,350,000
Coiled Tubing Unit & N2	\$0	\$54,000	\$54,000
Completion Drillout Equipment & Services	\$0	\$21,000	\$21,000
Flowback Services & Haul Off	\$0	\$86,830	\$86,830
Miscellaneous Intangibles	\$2,000	\$1,200	\$3,200
Contingency - Intangible	5% Drilling	5% Completion	\$70,000
<b>TOTAL INTANGIBLES</b>			\$1,462,945

TANGIBLES	DRYHOLE COSTS	COMPLETION COSTS	TOTAL COSTS
Conductor	80 ft. 20" 94# H-40 STC @ \$150.00 /ft. (In Conductor Hole & Services)	\$0	\$0
SELECT CATEGOF	0 ft. 13 3/8" 48# H-40 STC @ \$31.00 /ft.	\$0	\$0
Surface	550 ft. 9 5/8" 36# J-55 LTC @ \$28.00 /ft.	\$15,400	\$15,400
Intermediate	9000 ft. 7" 29# P-110 LTC @ \$21.00 /ft. DW/C	\$189,000	\$189,000
Liner	5700 ft. 4 1/2" 13.5# P-110 @ \$14.00 /ft. DW/C	\$0	\$79,800
Tubing	5000 ft. 2 7/8" 6.5# J-55 EUE 8RD @ \$4.60 /ft.	\$23,000	\$23,000
Plugs, Packers, Tubing Anchors, Liner Hanger		\$0	\$105,000
Wellhead Equipment		\$5,000	\$18,000
Pumping Unit, Prime Mover & Rods		\$0	\$0
Artificial Lift (Gas Lift (100%))		\$0	\$14,000
Well Site Flowlines, Connections, Valves & Gauges		\$0	\$39,000
Stock Tanks		\$0	\$25,500
Separation Equipment		\$0	\$36,500
Gas Prod. Unit, Dehydrator		\$0	\$37,000
Well Site Labor & Services		\$0	\$17,000
Electrical Installation & Equipment		\$0	\$65,000
SWD Flowlines & Equipment		\$0	\$0
Misc. Lease Equipment		\$0	\$31,000
Contingency - Tangible	0% Drilling	3% Completion	\$0
<b>TOTAL TANGIBLES</b>			\$209,400
<b>TOTAL COST &gt;&gt;&gt;</b>			\$1,672,345

## WIO APPROVAL

COMPANY: \_\_\_\_\_

APPROVED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

Wt: \_\_\_\_\_

## CHAPARRAL ENERGY COST ESTIMATE APPROVAL

APPROVED BY: MBM

TITLE: Resource Development Mgr.

DATE: 1/16/17

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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