Project Investment Estimate Chaparral - 2015 - Non-Pad Luigi 1605 #1UMH-19 Well/Project: Dover Offset Location: W/2 of Sec. 19-16N-5W, Kingfisher EST TD: 12,800 ft MD Objective : Developmental Type Well: Horizontal OTHER: INTANGIBLES Surface Damages, Right of Way and other Permits, & Legal Fees Roads, Location & Restoration Conductor Hole & Services Conductor Hole & Services & Trucking Mob/Demoh 4 Day(s) @ 80% Day Rate (MOB) + \$75000 Additional Services & Trucking Drilling (Day, Fig., Turnkey) Fuel, Water & Power Mud, Materials & Services

Chaparral Chaparral		
DATE:	July 14, 2016	
Rev # & Date:		
AFE NO:	NA	
COUNTY:	Kingfisher	
STATE:	OK	
TEAM:	Stillwater	

COSTS \$45,000 \$80,000 \$10,000 \$118,200 \$189,000

		COSTS	COSTS	COSTS
	Way and other Permits, & Legal Fees	\$45,000	\$1,420	\$46,420
Roads, Location & Restoration			\$15,000	\$95,000
Conductor Hole & Services		\$10,000	\$0	\$10,000
Mob/Demob	4 Day(s) @ 80% Day Rate (MOB) + \$75000 Additional Services & Trucking	\$118,200	\$0	\$118,200
Drilling (Day, Ftg, Turnkey)	14 DRLG Days & 3 C&S Days @ \$13500/Day	\$189,000	\$40,500	\$229,500
Fuel, Water & Power		\$63,700	\$108,380	\$172,080
Mud, Materials & Services			\$0	\$100,000
Drilling Bits			\$0	\$45,500
Directional Equipment & Services			\$0	\$122,000
Surface & Downhole Rental Equipment			\$109,250	\$222,250
Logging & Formation Evaluation			\$0	\$11,900
Cementing, Materials & Services			\$15,000	\$40,000
Hotshots & Equipment Delivery			\$19,875	\$29,875
Supervision & Technical Services			\$24,600	\$82,200
Pipe Crews - Equipment &		\$57,600 \$40,000	\$24,600	\$58,500
Labor & Supplies	abol	\$45,000		
Insurance			\$0	\$45,000
Overhead		\$37,345	\$0	\$37,345
Plugging & Abandonment		\$7,000	\$2,500	\$9,500
	2 Davis @ 62.050 Davis	\$0	\$0	
Completion Rig	2 Days @ \$2,850 /Day	\$0	\$5,700	\$5,700
Perforating & Wireline Work		\$0	\$62,500	\$62,500
Fracturing, Acidizing & San	Control	\$0	\$900,000	\$900,000
Coiled Tubing Unit & N2		\$0	\$57,800	\$57,800
Completion Drillout Equipme		\$0	\$21,000	\$21,000
Flowback Services & Haul (on the state of th	\$0	\$37,830	\$37,830
Miscellaneous Intangibles		\$2,000	\$1,200	\$3,200
04				
Contingency - Intangible	5% Drilling 5% Completion	\$56,000	\$72,000	\$128,000
TOTAL	INTANGIBLES	\$1,178,245	\$1,513,055	\$2,691,300
				4-1
			100	
TANGIBLES		DRYHOLE	COMPLETION	TOTAL
TANGIBLES		DRYHOLE COSTS	COMPLETION COSTS	
TANGIBLES Conductor 80	ft. 20" 94# H-40 STC @ \$125.00 /ft. (In Conductor Hole & Services)	DRYHOLE COSTS \$0	COMPLETION COSTS \$0	TOTAL
TANGIBLES Conductor 80 SELECT CATEGOF 0	ft. 13 3/8" 48# H-40 STC @ \$31.00 /ft.	DRYHOLE COSTS \$0 \$0	COMPLETION COSTS	TOTAL
TANGIBLES Conductor 80 SELECT CATEGOF 0 Surface 600	ft. 13 3/8" 48# H-40 STC @ \$31.00 /ft. ft. 9 5/8" 38# J-55 LTC @ \$28.00 /ft.	DRYHOLE COSTS \$0	COMPLETION COSTS \$0	TOTAL
TANGIBLES Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700	ft. 13.3/8" 49# H-40 STC @ \$31.00 /ft.	DRYHOLE COSTS \$0 \$0	COMPLETION COSTS \$0 \$0	TOTAL COSTS
Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 5100	ft. 13 3/8" 48# H-40 STC @ \$31.00 /ft. ft. 9 5/8" 36# J-55 LTC @ \$28.00 /ft. ft. 7" 26# N-80 CDC @ \$26.00 /ft. ft. 4 1/2" 11.6# P-110 BTC @ \$11.00 /ft. CDC	DRYHOLE COSTS \$0 \$0 \$16,800	COMPLETION COSTS \$0 \$0 \$0	TOTAL COSTS
TANGIBLES Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700	ft. 13 3/8" 48# H-40 STC @ \$31.00 /ft. ft. 9 5/8" 36# J-55 LTC @ \$28.00 /ft. ft. 7" 26# N-80 CDC @ \$26.00 /ft. CDC	DRYHOLE COSTS \$0 \$0 \$16,800 \$200,200	COMPLETION COSTS \$0 \$0 \$0 \$0	TOTAL COSTS \$16,800 \$200,200 \$86,100
Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 5100	ft. 13 3/8" 48# H-40 STC @ \$31.00 /ft. ft. 9 5/8" 36# J-55 LTC @ \$28.00 /ft. ft. 7" 26# N-80 CDC @ \$26.00 /ft. cDc ft. 4 1/2" 11.6# P-110 BTC @ \$11.00 /ft. cDc ft. 2 7/8" 6.5# J-55 EUE 8RD @ \$3.25 /ft. cDc	DRYHOLE COSTS \$0 \$0 \$16,800 \$200,200 \$0	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$24,050	TOTAL COSTS \$16,800 \$200,200 \$86,100 \$24,050
TANGIBLES Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 5100 Tubing 7400	ft. 13 3/8" 48# H-40 STC @ \$31.00 /ft. ft. 9 5/8" 36# J-55 LTC @ \$28.00 /ft. ft. 7" 26# N-80 CDC @ \$26.00 /ft. cDc ft. 4 1/2" 11.6# P-110 BTC @ \$11.00 /ft. cDc ft. 2 7/8" 6.5# J-55 EUE 8RD @ \$3.25 /ft. cDc	DRYHOLE COSTS \$0 \$0 \$16,800 \$200,200 \$0 \$0 \$0 \$0 \$0	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$24,050 \$95,000	TOTAL COSTS \$16,800 \$200,200 \$86,100 \$24,050 \$95,000
Conductor	ft. 13 3/8" 48# H-40 STC @ \$31.00 /ft. ft. 9 5/8" 36# J-55 LTC @ \$28.00 /ft. ft. 7" 26# N-80 CDC @ \$28.00 /ft. cDC ft. 27 /8" 6.5# J-55 EUE BRD @ \$3.25 /ft. cDC ft. 2 7/8" 6.5# J-55 EUE BRD @ \$3.25 /ft. cDC ft. 2 7/8" 6.5# J-55 EUE BRD @ \$3.25 /ft. cDC ft. 2 7/8" 6.5# J-55 EUE BRD @ \$3.25 /ft. cDC ft. 2 7/8" 6.5# J-55 EUE BRD @ \$3.25 /ft. cDC ft. CDC CDC CDC CDC CDC CDC cDC CDC	DRYHOLE COSTS \$0 \$0 \$16,800 \$200,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$50	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$0 \$86,100 \$24,050 \$95,000 \$21,000	TOTAL COSTS \$16,800 \$200,200 \$86,100 \$24,050
TANGIBLES Conductor	ft. 13.3/8" 48# H-40 STC ⊕ \$31.00 /ft. n. 9 5/8" 36# J-55 LTC ⊕ \$28.00 /ft. n. 7" 26# N-80 CDC ⊕ \$26.00 /ft. cDC n. 4 1/2" 11.6# P-110 BTC ⊕ \$11.00 /ft. cDC n. 2 7/8" 6.5# J-55 EUE BRD ⊕ \$3.25 /ft. m. accordance ⊕ \$3.25 /ft. m.	DRYHOLE COSTS \$0 \$0 \$16,800 \$200,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$5,000	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$86,100 \$24,050 \$95,000 \$21,000 \$0	\$16,800 \$200,200 \$86,100 \$24,050 \$95,000 \$26,000
Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 5100 Tubing 7400 Plugs, Packers, Tubing And Wellhead Equipment Pumping Unit, Prime Mover	ft. 13 3/8" 48# H-40 STC @ \$31.00 /ft. ft. 9 5/8" 36# J-55 LTC @ \$28.00 /ft. ft. 7" 26# N-80 CDC @ \$28.00 /ft. CDC ft. 4 1/2" 11.6# P-110 BTC @ \$11.00 /ft. CDC ft. 2 7/8" 6.5# J-55 EUE 8RD @ \$3.25 /ft.	DRYHOLE COSTS \$0 \$0 \$16,800 \$20,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$5,000 \$0 \$0	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$24,050 \$95,000 \$21,000 \$14,000	\$16,800 \$200,200 \$86,100 \$24,050 \$95,000 \$26,000
Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 51000 Tubing 7400 Plugs, Packers, Tubing Anc Wellhead Equipment Pumping Unit, Prime Mover Artificial Lift (Gas Li	ft. 13 3/8" 48# H-40 STC @ \$31.00 /ft. ft. 9 5/8" 36# J-55 LTC @ \$28.00 /ft. ft. 7" 26# N-80 CDC @ \$28.00 /ft. CDC ft. 4 1/2" 11.6# P-110 BTC @ \$11.00 /ft. CDC ft. 2 7/8" 6.5# J-55 EUE 8RD @ \$3.25 /ft.	DRYHOLE COSTS \$0 \$0 \$16,800 \$200,200 \$0 \$0 \$5 \$0 \$5,000 \$0 \$5 \$0 \$0 \$0	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$0 \$86,100 \$24,050 \$95,000 \$21,000 \$0 \$14,000 \$47,000	\$16,800 \$200,200 \$86,100 \$24,050 \$95,000 \$14,000 \$47,000
TANGIBLES Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 5100 Tubing 7400 Plugs, Packers, Tubing And Wellihead Equipment Pumping Unit, Prime Mover Artificial Lift (Gas Li Well Site Flowlines, Connect Stock Tanks	ft. 13 3/8" 48# H-40 STC @ \$31.00 /ft. ft. 9 5/8" 36# J-55 LTC @ \$28.00 /ft. ft. 7" 26# N-80 CDC @ \$28.00 /ft. CDC ft. 4 1/2" 11.6# P-110 BTC @ \$11.00 /ft. CDC ft. 2 7/8" 6.5# J-55 EUE 8RD @ \$3.25 /ft.	DRYHOLE COSTS \$0 \$0 \$16,800 \$200,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$5,000 \$0 \$5,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$0 \$24,050 \$95,000 \$21,000 \$21,000 \$247,000 \$27,500	\$16,800 \$200,200 \$86,100 \$24,050 \$95,000 \$26,000 \$47,000 \$27,500
TANGIBLES Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 5100 Tubing 7400 Plugs, Packers, Tubing Anc Wellhead Equipment Pumping Unit, Prime Mover Artificial Lifi (Gas Li Well Site Flowlines, Connec Slock Tanks Separation Equipment	ft. 13 3/8" 48# H-40 STC @ \$31.00 /ft. ft. 9 5/8" 36# J-55 LTC @ \$28.00 /ft. ft. 7" 26# N-80 CDC @ \$28.00 /ft. CDC ft. 4 1/2" 11.6# P-110 BTC @ \$11.00 /ft. CDC ft. 2 7/8" 6.5# J-55 EUE 8RD @ \$3.25 /ft.	DRYHOLE COSTS \$0 \$0 \$16,800 \$200,200 \$0 \$0 \$0 \$0 \$0 \$0 \$5,000 \$5,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	COMPLETION COSTS \$0 \$0 \$0 \$0 \$86,100 \$24,050 \$95,000 \$21,000 \$14,000 \$47,000 \$27,500	\$16,800 \$200,200 \$86,100 \$24,050 \$55,000 \$24,050 \$47,000 \$47,000 \$27,500 \$35,000
Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 5100 Tubing 7400 Plugs, Packers, Tubing Anc Wellhead Equipment Pumping Unit, Prime Mover Artificial Lift (Gas Li Well Step Flowlines, Connect Stock Tanks Separation Equipment Gas Prod. Unit, Dehydrator	ft. 13 3/8" 48# H-40 STC @ \$31.00 /ft. ft. 9 5/8" 36# J-55 LTC @ \$28.00 /ft. ft. 7" 26# N-80 CDC @ \$28.00 /ft. CDC ft. 4 1/2" 11.6# P-110 BTC @ \$11.00 /ft. CDC ft. 2 7/8" 6.5# J-55 EUE 8RD @ \$3.25 /ft.	DRYHOLE COSTS \$0 \$0 \$0 \$16,800 \$200,200 \$0 \$0 \$5,000 \$0 \$5 \$0 \$0 \$5 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$0 \$24,050 \$21,000 \$21,000 \$47,000 \$27,500 \$35,000 \$26,000	\$16,800 \$200,200 \$86,100 \$24,050 \$95,000 \$14,000 \$47,000 \$27,500 \$35,000 \$26,000
Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 5100 Tubing 7400 Plugs, Packers, Tubing And Wellhead Equipment Pumping Unit, Prime Mover Artificial Lift (Gas Li Well Site Flowlines, Connect Stock Tanks Separation Equipment Gas Prod. Unit, Dehydrator Well Site Labor & Services	ft. 13 3/8" 48# H-40 STC	DRYHOLE COSTS \$0 \$0 \$16,800 \$200,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$0 \$20,000 \$24,050 \$95,000 \$21,000 \$14,000 \$47,000 \$27,550 \$35,000 \$22,000	\$16,800 \$200,200 \$86,100 \$24,050 \$95,000 \$26,000 \$14,000 \$47,000 \$27,500 \$35,000 \$26,000
Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 51000 Tubing 7400 Tubing 7400 Tubing 7400 Tubing 17400 T	ft. 13 3/8" 48# H-40 STC @ \$31.00 /ft. ft. 9 5/8" 36# J-55 LTC @ \$28.00 /ft. ft. 7" 26# N-80 CDC @ \$28.00 /ft. CDC ft. 4 1/2" 11.6# P-110 BTC @ \$11.00 /ft. CDC ft. 2 7/8" 6.5# J-55 EUE 8RD @ \$3.25 /ft.	DRYHOLE COSTS \$0 \$0 \$16,800 \$200,200 \$0 \$0 \$0 \$5 \$0 \$5 \$0 \$5 \$5 \$0 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$80,100 \$24,050 \$21,000 \$21,000 \$14,000 \$47,000 \$27,500 \$28,000 \$28,000 \$22,000	\$16,800 \$200,200 \$86,100 \$24,050 \$95,000 \$14,000 \$47,000 \$27,500 \$35,000 \$26,000
Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 5100 Tubing 7400 Plugs, Packers, Tubing And Wellhead Equipment Pumping Unit, Prime Mover Artificial Lift (Gas Li Well Site Flowlines, Connec Stock Tanks Separation Equipment Well Site Isolation & Services Electrical Installation & Equi SWD Flowlines & Equipment	ft. 13 3/8" 48# H-40 STC @ \$31.00 /ft. ft. 9 5/8" 36# J-55 LTC @ \$28.00 /ft. ft. 7" 26# N-80 CDC @ \$28.00 /ft. CDC ft. 4 1/2" 11.6# P-110 BTC @ \$11.00 /ft. CDC ft. 2 7/8" 6.5# J-55 EUE 8RD @ \$3.25 /ft.	DRYHOLE COSTS \$0 \$0 \$0 \$16,800 \$200,200 \$0 \$0 \$5,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$0 \$24,050 \$24,050 \$21,000 \$21,000 \$47,000 \$27,500 \$25,000 \$22,000 \$22,000 \$22,000 \$22,000	\$16,800 \$20,200 \$86,100 \$24,050 \$95,000 \$24,050 \$95,000 \$24,050 \$14,000 \$27,500 \$27,500 \$25,000 \$22,000 \$22,000
Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 51000 Tubing 7400 Tubing 7400 Tubing 7400 Tubing 17400 T	ft. 13 3/8" 48# H-40 STC @ \$31.00 /ft. ft. 9 5/8" 36# J-55 LTC @ \$28.00 /ft. ft. 7" 26# N-80 CDC @ \$28.00 /ft. CDC ft. 4 1/2" 11.6# P-110 BTC @ \$11.00 /ft. CDC ft. 2 7/8" 6.5# J-55 EUE 8RD @ \$3.25 /ft.	DRYHOLE COSTS \$0 \$0 \$16,800 \$200,200 \$0 \$0 \$0 \$5 \$0 \$5 \$0 \$5 \$5 \$0 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$80,100 \$24,050 \$21,000 \$21,000 \$14,000 \$47,000 \$27,500 \$28,000 \$28,000 \$22,000	\$16,800 \$200,200 \$86,100 \$24,050 \$95,000 \$26,000 \$47,000 \$27,500 \$35,000 \$26,000
Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 5100 Tubing 7400 Plugs, Packers, Tubing And Wellhead Equipment Pumping Unit, Prime Mover Artificial Lift (Gas Li Well Site Flowlines, Connec Stock Tanks Separation Equipment Well Site Isolation & Services Electrical Installation & Equi SWD Flowlines & Equipment	ft. 13 3/8" 48# H-40 STC @ \$31.00 /ft. ft. 9 5/8" 36# J-55 LTC @ \$28.00 /ft. ft. 7" 26# N-80 CDC @ \$28.00 /ft. CDC ft. 4 1/2" 11.6# P-110 BTC @ \$11.00 /ft. CDC ft. 2 7/8" 6.5# J-55 EUE 8RD @ \$3.25 /ft.	DRYHOLE COSTS \$0 \$0 \$0 \$16,800 \$200,200 \$0 \$0 \$5,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$0 \$24,050 \$24,050 \$21,000 \$21,000 \$47,000 \$27,500 \$25,000 \$22,000 \$22,000 \$22,000 \$22,000	\$16,800 \$20,200 \$86,100 \$24,050 \$95,000 \$24,050 \$95,000 \$24,050 \$14,000 \$27,500 \$27,500 \$25,000 \$22,000 \$22,000
TANGIBLES Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 5100 Tubing 7400 Plugs, Packers, Tubing Anc Wellhead Equipment Pumping Unit, Prime Mover Artificial Litit (Gas Li Well Site Flowlines, Connec Stock Tanks Separation Equipment Well Site Labor & Services Electrical Installation & Equi SWD Flowlines & Equipment Misc. Lease Equipment	ft. 13 3/8* 48# H-40 STC ② \$31.00 /ft. n. 9 5/8* 36# J-55 LTC ② \$28.00 /ft. ft. 7* 26# N-80 CDC ② \$26.00 /ft. cDC ft. 4 1/2* 11.6# P-110 BTC ② \$11.00 /ft. cDC ft. 2 7/8* 6.5# J-55 EUE 8RD ② \$3.25 /ft. hors, Liner Hanger SROds å Rods (t) it)	DRYHOLE COSTS \$0 \$0 \$16,800 \$200,200 \$0 \$0 \$0 \$0 \$0 \$5,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$0 \$88,100 \$24,050 \$95,000 \$21,000 \$0 \$47,000 \$27,500 \$28,000 \$22,000 \$22,000 \$22,000 \$231,000	\$16,800 \$20,200 \$86,100 \$24,050 \$95,000 \$26,000 \$27,500 \$27,500 \$25,000 \$26,000 \$22,000 \$20,00
TANGIBLES Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 51000 Tubing 7400 Tubing 7400 Tubing 7400 Tubing 1600 Tubing 7400 Tubing And Tubing And Well Ste Flowlines, Connect Stock Tanks Separation Equipment Gas Prod. Unit, Dehydrator Well Site Labor & Services Electrical Installation & Equi SWD Flowlines & Equipment Misc. Lease Equipment Contingency - Tangible	ft. 13 3/8* 48# H-40 STC	DRYHOLE COSTS \$0 \$0 \$16,800 \$200,200 \$0 \$0 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$80,100 \$24,050 \$21,000 \$21,000 \$47,000 \$27,500 \$28,000 \$28,000 \$28,000 \$28,000 \$31,000	\$16,800 \$200,200 \$86,100 \$24,050 \$95,000 \$27,500 \$27,500 \$28,000 \$28,000 \$28,000 \$28,000 \$28,000 \$28,000 \$214,000
TANGIBLES Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 51000 Tubing 7400 Tubing 7400 Tubing 7400 Tubing 1600 Tubing 7400 Tubing And Tubing And Well Ste Flowlines, Connect Stock Tanks Separation Equipment Gas Prod. Unit, Dehydrator Well Site Labor & Services Electrical Installation & Equi SWD Flowlines & Equipment Misc. Lease Equipment Contingency - Tangible	ft. 13 3/8* 48# H-40 STC ② \$31.00 /ft. n. 9 5/8* 36# J-55 LTC ② \$28.00 /ft. ft. 7* 26# N-80 CDC ② \$26.00 /ft. cDC ft. 4 1/2* 11.6# P-110 BTC ② \$11.00 /ft. cDC ft. 2 7/8* 6.5# J-55 EUE 8RD ② \$3.25 /ft. hors, Liner Hanger SROds å Rods (t) it)	DRYHOLE COSTS \$0 \$0 \$16,800 \$200,200 \$0 \$0 \$0 \$0 \$0 \$5,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$0 \$88,100 \$24,050 \$95,000 \$21,000 \$0 \$47,000 \$27,500 \$28,000 \$22,000 \$22,000 \$22,000 \$231,000	\$16,800 \$200,200 \$86,100 \$24,050 \$95,000 \$26,000 \$47,000 \$27,500 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000
TANGIBLES Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 51000 Tubing 7400 Tubing 7400 Tubing 7400 Tubing 1600 Tubing 7400 Tubing And Tubing And Well Ste Flowlines, Connect Stock Tanks Separation Equipment Gas Prod. Unit, Dehydrator Well Site Labor & Services Electrical Installation & Equi SWD Flowlines & Equipment Misc. Lease Equipment Contingency - Tangible	ft. 13 3/8* 48# H-40 STC	DRYHOLE COSTS \$0 \$0 \$16,800 \$200,200 \$0 \$0 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$80,100 \$24,050 \$21,000 \$21,000 \$47,000 \$27,500 \$28,000 \$28,000 \$28,000 \$28,000 \$31,000	\$16,800 \$200,200 \$86,100 \$24,050 \$35,000 \$24,050 \$25,000 \$47,000 \$27,500 \$26,000 \$28,000 \$28,000 \$28,000 \$28,000 \$214,000
TANGIBLES Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 51000 Tubing 7400 Tubing 7400 Tubing 7400 Tubing 1600 Tubing 7400 Tubing And Tubing And Well Ste Flowlines, Connect Stock Tanks Separation Equipment Gas Prod. Unit, Dehydrator Well Site Labor & Services Electrical Installation & Equi SWD Flowlines & Equipment Misc. Lease Equipment Contingency - Tangible	ft. 13 3/8* 48# H-40 STC	DRYHOLE COSTS \$0 \$0 \$16,800 \$200,200 \$0 \$0 \$0 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$5 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$0 \$88,100 \$24,050 \$95,000 \$21,000 \$47,000 \$27,500 \$28,000 \$22,000 \$28,000 \$23,000 \$214,000 \$314,000 \$314,000 \$314,000	\$16,800 \$200,200 \$86,100 \$24,050 \$95,000 \$24,000 \$47,000 \$27,500 \$35,000 \$25,000 \$28,000 \$28,000 \$28,000 \$28,000 \$28,000
TANGIBLES Conductor 80 SELECT CATEGOF 0 Surface 600 Intermediate 7700 Liner 5100 Tubing 7400 Tubing 7400 Tubing 7400 Tubing 7400 Tubing 1600 Tubing 7400 Tubing 7	ft. 13 3/8* 48# H-40 STC ② \$31.00 /ft. n. 9 5/8* 36# J-55 LTC ② \$28.00 /ft. ft. 7* 26# N-80 CDC ② \$26.00 /ft. CDC ft. 4 1/2* 11.6# P-110 BTC ② \$11.00 /ft. CDC ft. 2 7/8* 6.5# J-55 EUE 8RD ② \$3.25 /ft. inors, Liner Hanger SR Rods it) Inors, Valves & Gauges	DRYHOLE COSTS \$0 \$0 \$0 \$16,800 \$200,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	COMPLETION COSTS \$0 \$0 \$0 \$0 \$0 \$80,100 \$24,050 \$21,000 \$21,000 \$47,000 \$27,500 \$28,000 \$28,000 \$28,000 \$28,000 \$31,000	\$16,800 \$200,200 \$86,100 \$24,050 \$35,000 \$24,050 \$25,000 \$47,000 \$27,500 \$26,000 \$28,000 \$28,000 \$28,000 \$28,000 \$214,000

	WIO APPROVAL	CHAPARRAL ENERGY COST ESTIMATE APPROVAL
APPROVED BY: APPROVED BY: TITLE: DATE:	APPROVED BY: DATE:	TITLE: Myourn Deslopment My

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

C:Users/Balley, Benham/AppData/Local/Microsoft/Windows/Temporary Internet Files/Content.Outlook/VWOOTSUZ/(Big_Sky_1787_UMH-6.xlsm)Classic AFE Format

