

201504948

CONTINENTAL RESOURCES, INC.

P.O. Box 268870 OKC, OK 73102
(405) 234-9000

8/16/16

AUTHORITY FOR EXPENDITURE

AFE No.: DL06048

Date: 08/09/16

Lease Name & No.: Zella 1-4-9XH

Legal Description: 765' FNL & 2185' FEL of Section 4-16N-11W

County: Blaine

State: Oklahoma

Work Description: 50' FSL & 2310' FEL of Section 9-16N-11W

Drill and complete Mississippian, 9833 ft lateral at 10110 ft TVD 5.5 in. cemented long string to 20215 ft; 36 stage frac

Oil Based Mud system

Exploration XXX

Development:

Recompletion:

Supplemental:

T.D.: 20,215'

Estimated Days	44		5		Total
	Code	Dry Hole	Code	Completion	
INTANGIBLES					
Legal expenses	010	\$33,000	010	\$1,000	\$34,000
Damages	020	\$20,000	020	\$1,000	\$21,000
Road & location construction	030	\$133,000	030	\$25,000	\$158,000
Rig Costs	060	\$1,360,000	060	\$293,000	\$1,653,000
Water	070	\$31,000	070	\$108,000	\$139,000
Drilling mud & chemicals	090	\$444,000	090	\$99,360	\$543,360
Bits & BHA	100	\$238,000	100	\$80,000	\$318,000
Surface rental tools & equipment	110	\$114,000	110	\$127,000	\$241,000
Drill pipe & work string rental	120	\$13,000	120	\$25,000	\$38,000
Cementing	130	\$45,000	130	\$82,000	\$127,000
Flowback	140	\$0	140	\$70,000	\$70,000
Roustabout Labor	151	\$30,000	151	\$0	\$30,000
Roustabout Transportation	152	\$20,000	152	\$0	\$20,000
Downhole testing and analysis	160	\$39,000	160	\$0	\$39,000
Wireline services	170	\$40,000	170	\$205,000	\$245,000
Rental tanks	210	\$21,000	210	\$14,000	\$35,000
Stimulation services	230	\$0	230	\$3,060,000	\$3,060,000
Miscellaneous services & contingencies	240	\$190,000	240	\$229,000	\$419,000
Fuel	250	\$312,000	250	\$0	\$312,000
Directional tools and services	280	\$446,000	280	\$15,000	\$461,000
Inspections	290	\$6,000	290	\$0	\$6,000
Casing Crews	300	\$32,000	300	\$25,000	\$57,000
Fishing tools and services	330	\$0	330	\$0	\$0
Pumping services	340	\$0	340	\$252,000	\$252,000
Insurance	350	\$0	350	\$0	\$0
Mud disposal	360	\$183,000	360	\$129,600	\$312,600
Field office expense - housing	470	\$51,000	470	\$0	\$51,000
Contract supervision	500	\$198,000	500	\$26,000	\$224,000
HSSE Consultant/ Training	508	\$10,000	508	\$0	\$10,000
Facility Overhead	750	\$15,000	750	\$0	\$15,000
Overhead	800	\$30,000	800	\$0	\$30,000
Geologic, Eng & Tech	850	\$30,000	850	\$0	\$30,000
Drilling Hazard Mitigation	900	\$65,000	900	\$0	\$65,000

TOTAL INTANGIBLES

\$4,149,000

\$4,866,960

\$9,015,960

TANGIBLES

Surface Casing	1,500 ft @ \$ 36.00 /ft	13 3/8", 54.5#, J-55, ST&C	510	\$54,000	\$54,000
Intermediate Casing	8800 ft @ \$ 34.00 /ft	9 5/8", 40#, P-110, LT&C	520	\$299,200	\$299,000
Production Casing	20,220 ft @ \$ 19.00 /ft	5-1/2", 20#, P-110 BTC			
Toe Initiator Sleeve	0 ft @ \$ - /ft		0		
Surf Equ Trkg/Inst/Lbr					
Tubing	10,380 ft @ \$ 5.75 /ft	2-7/8", 6.5#, L-80, EUE			
Wellhead Equipment	13-5/8" SOW x 13 3/8" 3K x 11" 5K x 7-1/16" 10K x 2-9/16" 10K		560	\$32,000	\$44,000
Packers & Subsurface Equipment			570	\$10,000	\$10,000
Pumping Unit & Prime Mover			580	\$0	\$0
Sucker Rods & Pump			590	\$0	\$0
Production Facility			600	\$173,000	\$173,000
Flowline, Valves & Connections			610	\$55,000	\$55,000

TOTAL TANGIBLES

\$365,000

\$792,000

\$1,157,000

TOTAL AFE

\$4,514,000

\$5,658,960

\$10,172,960

APPROVAL:

Operator:

Matt Olson 8-16-16

Non-Operator:

Company:

CONTINENTAL RESOURCES, INC.

Operations:

Geology:

Land

By:

Date:

Wt:

%

Date:

This AFE is only an estimate of the costs to be incurred in conducting the referenced operation. In no event shall this AFE be construed as a representation or warrant as to the accuracy of such estimate, or construed in anyway to limit a participant's responsibility to pay its proportionate share of all costs and expenses incurred in connection with the referenced operations.