

MACK ENERGY CORPORATION
AUTHORIZATION FOR EXPENDITURE
Cockburn A State #5
PBTD 10,804'
SHL: 1980 FNL & 1980 FWL
Sec. 32, T17S, R33E, Lea County, New Mexico

Code	Drilling Intangible	Dry Hole Without Pipe	Completed Well	Actual Cost
502-015	Administrative Overhead Drilling	\$0.00	\$0.00	\$0.00
502-020	Location, Roads, Pits, & Damages	\$0.00	\$0.00	\$0.00
502-100	Footage	\$0.00	\$0.00	\$0.00
502-110	Daywork \$0 \$0.00	\$0.00	\$0.00	\$0.00
502-114	Rental Equipment Surface	\$0.00	\$0.00	\$0.00
502-115	Rental Equipment SubSurface	\$0.00	\$0.00	\$0.00
502-116	Bits	\$0.00	\$0.00	\$0.00
502-120	Water-Drilling	\$0.00	\$0.00	\$0.00
502-125	Mud Materials	\$0.00	\$0.00	\$0.00
502-200	Cement-- Surface and Intermediate	\$0.00	\$0.00	\$0.00
502-201	Cement-- Production	\$0.00	\$0.00	\$0.00
502-204	Fuel & Power	\$0.00	\$0.00	\$0.00
502-205	Supplies & Misc.	\$0.00	\$0.00	\$0.00
502-500	Testing, Coring, & Mud Logging	\$0.00	\$0.00	\$0.00
502-600	Open Hole Logs/Wireline	\$0.00	\$0.00	\$0.00
502-650	Directional Drillers	\$0.00	\$0.00	\$0.00
502-681	Supervision	\$0.00	\$0.00	\$0.00
502-682	Trailer Rentals & Other Camp Equip.	\$0.00	\$0.00	\$0.00
	Miscellaneous and Contingency	\$0.00	\$0.00	\$0.00

Code	Total Drilling Intangibles	\$0.00	\$0.00	\$0.00
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Completion Intangibles

502-015	Administrative Overhead Completion	\$0.00	\$1,400.00	\$1,400.00
502-021	Battery Construction-Dirt Work,Etc	\$0.00	\$0.00	\$0.00
502-103	Completion Unit	\$0.00	\$28,140.00	\$28,140.00
502-210	Fuel,Water,Power	\$0.00	\$22,100.00	\$22,100.00
502-350	Completions Surface Rentals	\$0.00	\$24,838.00	\$24,838.00
502-360	Completions SubSurface Rentals	\$0.00	\$2,307.00	\$2,307.00
502-601	Perforating and Logging	\$0.00	\$15,000.00	\$15,000.00
502-610	Frac and/or Acid Treatment	\$0.00	\$162,102.00	\$162,102.00
502-680	Professional Services	\$0.00	\$8,750.00	\$8,750.00
502-700	Miscellaneous Services	\$0.00	\$3,500.00	\$3,500.00
	Contingency	\$0.00	\$26,673.70	\$26,673.70

Code	Total Completion Intangibles	\$0.00	\$294,810.70	\$294,810.70
	Total Intangibles	\$0.00	\$294,810.70	\$294,810.70

Drilling and Completion Tangibles

170-105	Surface Casing 456' 13 3/8"	\$0.00	\$0.00	\$0.00
170-110	Intermediate Casing 5270' 9 5/8"	\$0.00	\$0.00	\$0.00
170-115	Production Casing 10817' 5 1/2" 17# N-80	\$0.00	\$0.00	\$0.00
170-115	Production Liner 0 0	\$0.00	\$0.00	\$0.00
170-120	Production Tubing 8922' 2 7/8" 6.5# L-80	\$0.00	\$0.00	\$0.00
170-125	Wellhead Equipment-- Long String	\$0.00	\$0.00	\$0.00
170-126	Wellhead Equipment-- Surface & Intermediate	\$0.00	\$0.00	\$0.00
170-130	Floating Equipment-- Long String	\$0.00	\$0.00	\$0.00
170-131	Floating Equipment-- Surface & Intermediate	\$0.00	\$0.00	\$0.00
170-135	Rods	\$0.00	\$0.00	\$0.00
170-140	Subsurfaces Equipment	\$0.00	\$3,500.00	\$3,500.00
170-145	Linepipe	\$0.00	\$0.00	\$0.00
170-150	Tanks,Treater,Separators	\$0.00	\$0.00	\$0.00
170-155	Pumping Unit And Engine	\$0.00	\$0.00	\$0.00
170-160	Other Miscellaneous Equipment	\$0.00	\$0.00	\$0.00
	Contingency	\$0.00	\$350.00	\$350.00

Total Tangible	\$0.00	\$3,850.00	\$3,850.00
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TOTAL WELL COSTS	\$0.00	\$298,660.70	\$298,660.70
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Prepared By: Lee Livingston Total Contingency: \$27,023.70
Total w/o Contingency: \$271,637.00

Interest Owner: TOM M. RAGSDALE Interest: 6.25% W1

Approved By: _____ Date: _____

Oil Conservation Commission
Case No. 26
Exhibit No. _____