

**MEWBOURNE OIL COMPANY
AUTHORIZATION FOR EXPENDITURE**

Prospect: Cat Claw Draw Well Name & No. Cat Claw Draw "1" Federal #1
 Field: Cat Claw Draw Location: 2310' FEL & 660' FSL
 Section: 1 Block: _____ Township: 21S Range: 25E
 County: Eddy State: N.M. Proposed Depth: 10,700'

DESCRIPTION		Cost To Casing Point AFE NO.	Completion Cost AFE NO.
INTANGIBLE COST 180			
300	Permits and Surveys	\$1,500	\$800
301	Location, Roads and Surveys	\$20,000	\$5,000
302	Footage or Turnkey Drilling	\$268,000	
303	Day Work	\$14,000	
304	Fuel, Water and Other	\$17,500	\$500
305	Completion / Workover Rig		\$10,000
306	Mud and Chemicals	\$19,000	
307	Cementing	\$15,000	\$22,000
308	Logging and Wireline	\$18,000	\$8,000
309	Casing-Tubing Services	\$2,100	\$8,000
310	Mud Logging	\$5,000	
311	Testing	\$4,300	
312	Treating		\$10,000
313	Coring		
320	Transportation	\$2,000	\$6,100
321	Welding and Construction Labor	\$2,000	\$400
322	Contract Supervision		
330	Equipment Rental	\$6,000	\$5,000
334	Well / Lease Legal / Tax	\$6,500	\$2,000
335	Well / Lease Insurance	\$8,000	
350	Intangible Supplies	\$250	\$250
360	Pipeline ROW and Easements		\$2,000
367	Pipeline Interconnect		\$5,000
375	Company Supervision	\$20,000	\$10,000
380	Overhead Fixed Rate	\$5,000	\$5,000
399	Contingencies 2%	\$8,600	\$2,000
Total Intangibles		\$442,750	\$102,050
TANGIBLE COST 181			
	Conductor Casing		
	Surface Casing 13 3/8" @ 400'	\$6,400	
	Intermediate Casing 9 5/8" @ 2,200'	\$26,000	
	Production Casing 5 1/2" @ 10,700		\$68,000
	Production Casing		
	Tubing 2 7/8" @ 10,700'		\$35,000
860	Drilling Head	\$3,700	
865	Tubing Head		\$2,500
870	Upper Section		\$4,000
875	Sucker Rods		
880	Packer, Pump & Other Subsurface		\$7,000
885	Pumping Unit & Prime Mover + Electricity		
890-1	Tanks (Steel & Fiberglass)		\$6,000
890-5	Separation Equipment (fired, Non-fired)		\$8,500
898	Metering Equipment		\$4,200
900	Line Pipe		\$7,800
905	Valves		\$2,000
906	Miscellaneous Fittings & Accessories		\$8,000
910	Production Equipment Installation		\$4,000
920	Pipeline Construction		\$13,000
Total Tangibles		\$36,100	\$170,000
SUBTOTAL		\$478,850	\$272,050
TOTAL		\$750,900	

Date prepared: September 9, 1997

Prepared by: Erik L. Hoover

Company Approval:

Date Approved:

Joint Owner Approval

Joint Owner Interest

NEW MEXICO
OIL CONSERVATION DIVISION

EXHIBIT 13

CASE NO. 11723 De Novo