

CAULKINS OIL COMPANY

P.O. BOX 340 BLOOMFIELD N.M. 87413
PHONE (505)632-1544

AUTHORIZATION FOR EXPENDITURE

Drill and Complete Mesa Verde - Dakota Commingled Well
WELL NAME AND NUMBER: BREECH "B" 781
LOCATION: 1800' F/S 1160' F/W ELEV. 6124' GR SEC. 14,26N,7W UNIT - L

TANGIBLES

Surface Casing 9 5/8" 36# SMLS	\$ 7,000.00
Production Casing 5 1/2" 15.5 & 17.# SMLS	\$ 43,000.00
Tubing	\$ 17,000.00
Wellhead Equipment	\$ 14,000.00
Valves and Fittings	\$ 2,000.00
Production Units	\$ 10,500.00
Oil Tanks	\$ 4,000.00
Water Tanks	\$ 2,500.00
Meter Runs and Pipeline Installation	\$ 15,000.00
Automation Equipment	\$ 12,000.00
TOTAL TANGIBLES	\$ 127,000.00

INTANGIBLES

Survey and Archeologist	\$ 1,400.00
Road and Location Construction	\$ 3,500.00
anchors	\$ 800.00
Contract Drilling	\$ 112,500.00
Daywork	\$ 6,000.00
Open Hole Logging	\$ 18,000.00
Casing Float Equipment and Centralizers	\$ 9,000.00
Cementing Surface Casing	\$ 3,000.00
Cementing Production Casing	\$ 20,000.00
Completion Rig	\$ 15,000.00
Perforate and Logging	\$ 10,000.00
Fracturing	\$ 90,000.00
Tank Rentals	\$ 2,000.00
Trucking - Completion	\$ 2,500.00
Trucking Water Comp.	\$ 7,500.00
Rental Tools Comp.	\$ 5,000.00
Clean-up Location	\$ 1,500.00
Roustabout labor Completion and Well Hook-up	\$ 6,000.00
Supervision - Administrative	\$ 1,000.00
Supervision - Field	\$ 4,000.00
TOTAL INTANGIBLES	\$ 318,500.00
10 % Contingency and Taxes	\$ 44,550.00
TOTAL WELL COST	\$ 490,050.00

APPROVALS:

CAULKINS OIL COMPANY

Signature: *Robert L. Hargis*

Date: 12-3-77

JOINT INTEREST OWNER

Signature: _____

Date: _____