

AUTHORITY FOR EXPENDITURE

Date: 9-9-87 Well Name: Crusader T.D.: 8,000 (Dakota)
 Location: Sec. 14, T25N-R2W, Rio Arriba County, New Mexico
 Operator: MESA GRANDE RESOURCES, INC. Prepared by: Chris Phillips

INTANGIBLE COSTS	Drill/Test	Complete/Equip.	Note:
LOCATION:			
Survey Location	\$ 1,500	\$ 350	
Build Roads & Pad	5,000	1,500	
Surface Damages	5,000	-	
Restoration	3,000	500	
DRILLING: \$			
Footage <u>8000</u> ft at \$ <u>10.50</u> /day	84,000	-	
Daywork <u>2</u> days WDP at \$ <u>4800</u> /day	9,600 <u>9,600</u>	-	
Daywork _____ days WODP at \$ _____/day	-	-	
WIRELINE SERVICES:			
Electric Logs	12,000	-	
Cement Bond Logs	-	3,500	
Perforating	-	6,000	
PROFESSIONAL SERVICES:			
Title Opinion	3,000	5,000	
Mud Logger	4,000	-	
Geological	2,500	500	
Engineering	6,000	3,500	
Other	-	500	
SUPPORT SERVICES:			
Water Purchase	2,000	2,800	
Mud & Chemicals	32,000	1,200	
Trucking & Hauling	8,000	4,200	
Cement Casing - SURFACE	3,200	-	
Cement Casing - PRODUCTION	-	22,000	
Equipment - Rental/Serv.	-	3,500	
Welding	250	1,400	
Completion Workover Rig	-	10,500	
Acid Treatment	-	6,000	
Frac Treatment	-	38,000	
Labor - Casing Crews	-	-	
Labor - Miscellaneous	900	3,200	
Initial Well Testing	-	1,000	
Administrative, General Expenses	2,200	2,500	
SUBTOTAL:	183,350	117,650	
Contingencies - XXX 5%	9,168	5,883	
Plug & Abandonment	-	-	
TOTAL INTANGIBLE:	\$ 192,518	\$ 123,533	
TANGIBLE COSTS			
TUBULAR EQUIPMENT			350' 9 5/8 J-36#
Surface Casing	\$ 5,760	\$ -	5400' 5 1/2 15.5#K
Production Casing	-	44,280	2700' 5 1/2 17#K
Tubing	-	13,200	-2 7/8 J-55
Casing Equipment	-	6,800	
SURFACE EQUIPMENT			
Storage Tanks	-	9,500	
Tank Connections	-	4,000	
Line Pipe/Labor	-	5,000	
Gas Processing Unit	-	10,000	
Separator/Heat-Treat.	-	25,000	-Pipeline
Water Tank	-	-	
Pumping Unit & Engine	-	38,000	
Sucker Rod String	-	8,500	
P. U. Connections	-	3,000	
MISC. EQUIPMENT			
Christmas Tree	1,800	3,950	
Packer, Tubing Anchor	-	750	
Valves & Fittings	-	1,000	
Gates/Culverts/Cattle Guards	-	1,500	
TOTAL TANGIBLE:	\$ 7,560	\$ 174,480	
DRY HOLE TOTAL:	\$ 299,878	\$ 298,013	
COMPLETED TOTAL:	\$ -	\$ -	
TOTAL ESTIMATED WELL COST: \$ <u>498,091</u>	<u>200,878</u>		
	<u>498,891</u>		

Signature/Approval Page Attached

BEFORE EXAMINER GATANACH
OIL CONSERVATION DIVISION

EXHIBIT NO. 7

CASE NO. 9257

CRUSADER #1 WELL

Section 14, T25N-R2W
Rio Arriba County, New Mexico

AUTHORITY FOR EXPENDITURE

PAGE TWO - APPROVALS

Company: <u>Mesa Grande Resources, Inc.</u>	By: <u><i>Guy Phillips</i></u>	W.I.: <u>12.084975</u> % Date: <u>9/18/87</u>
Company: <u>Mesa Grande, Ltd.</u>	By: _____	W.I.: <u>34.140625</u> % Date: _____
Company: <u>Arriba Company, Ltd.</u>	By: _____	W.I.: <u>1.796875</u> % Date: _____
Company: <u>Johansen Energy Partnership</u>	By: _____	W.I.: <u>0.146475</u> % Date: _____
Company: <u>Peter C. Neumann</u>	By: _____	W.I.: <u>1.171875</u> % Date: _____
Company: <u>Venada National</u>	By: _____	W.I.: <u>0.659175</u> % Date: _____
Company: <u>Texaco Producing Inc.</u>	By: _____	W.I.: <u>6.250000</u> % Date: _____
Company: <u>Reading & Bates Petroleum Co.</u>	By: _____	W.I.: <u>6.250000</u> % Date: _____
Company: <u>Hooper, Kimball & Williams</u>	By: _____	W.I.: <u>6.250000</u> % Date: _____
Company: <u>P C, Ltd.</u>	By: _____	W.I.: <u>2.926625</u> % Date: _____
Company: <u>Ibex Partnership</u>	By: _____	W.I.: <u>2.926625</u> % Date: _____
Company: <u>Clark & Oatman</u>	By: _____	W.I.: <u>0.396750</u> % Date: _____
Company: <u>Mountain States Natural Gas</u>	By: _____	W.I.: <u>3.125000</u> % Date: _____
Company: <u>Mary Alice Gilliland</u>	By: _____	W.I.: <u>1.562500</u> % Date: _____
Company: <u>Duer Wagner, Jr.</u>	By: _____	W.I.: <u>1.453125</u> % Date: _____
Company: <u>Duer Wagner III</u>	By: _____	W.I.: <u>0.109375</u> % Date: _____
Company: <u>Hunt Walker</u>	By: _____	W.I.: <u>2.678572</u> % Date: _____
Company: <u>Sun Operating Ltd. Partnership</u>	By: _____	W.I.: <u>11.383928</u> % Date: _____
Company: <u>David Beach Estate</u>	By: _____	W.I.: <u>1.339286</u> % Date: _____
Company: <u>Martha B. Oliver</u>	By: _____	W.I.: <u>0.669643</u> % Date: _____
Company: <u>Helmerich & Payne</u>	By: _____	W.I.: <u>2.678571</u> % Date: _____

STATE OF NEW MEXICO
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 9257
Order No. R-8564

APPLICATION OF MESA GRANDE
RESOURCES, INC. FOR COMPULSORY
POOLING, RIO ARriba COUNTY, NEW
MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on November 18, 1987, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 9th day of December, 1987, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) The applicant, Mesa Grande Resources, Inc. seeks an order pooling all mineral interests in the Gallup formation of the Gavilan-Mancos Oil Pool underlying all of Section 14, Township 25 North, Range 2 West, NMPM, Rio Arriba County, New Mexico, forming a standard 640-acre oil spacing and proration unit for said pool.

(3) The applicant has the right to drill and proposes to dedicate said Section 14 to a well to be drilled at a standard oil well location thereon.

(4) There are interest owners in the proposed proration unit who have not agreed to pool their interests.

(5) To avoid the drilling of unnecessary wells, to protect correlative rights, to avoid waste, and to afford to the owner of each interest in said unit the opportunity to recover or receive without unnecessary expense his just and fair share of the production in any pool completion resulting from this order, the subject application should be approved by pooling all mineral interests, whatever they may be, within said unit.

(6) The applicant should be designated the operator of the subject well and unit.

(7) Any non-consenting working interest owner should be afforded the opportunity to pay his share of estimated well costs to the operator in lieu of paying his share of reasonable well costs out of production.

(8) Any non-consenting working interest owner who does not pay his share of estimated well costs should have withheld from production his share of the reasonable well costs plus an additional 200 percent thereof as a reasonable charge for the risk involved in the drilling of the well.

(9) Any non-consenting interest owner should be afforded the opportunity to object to the actual well costs but actual well costs should be adopted as the reasonable well costs in the absence of such objection.

(10) Following determination of reasonable well costs, any non-consenting working interest owner who has paid his share of estimated costs should pay to the operator any amount that reasonable well costs exceed estimated well costs and should receive from the operator any amount that paid estimated well costs exceed reasonable well costs.

(11) \$3500.00 per month while drilling and \$400.00 per month while producing should be fixed as reasonable charges for supervision (combined fixed rates); the operator should be authorized to withhold from production the proportionate share of such supervision charges attributable to each non-consenting working interest, and

in addition thereto, the operator should be authorized to withhold from production the proportionate share of actual expenditures required for operating the subject well, not in excess of what are reasonable, attributable to each non-consenting working interest.

(12) All proceeds from production from the subject well which are not disbursed for any reason should be placed in escrow to be paid to the true owner thereof upon demand and proof of ownership.

(13) Upon the failure of the operator of said pooled unit to commence the drilling of the well to which said unit is dedicated on or before March 15, 1988, the order pooling said unit should become null and void and of no effect whatsoever.

(14) Should all the parties to this forced pooling reach voluntary agreement subsequent to entry of this order, this order shall thereafter be of no further effect.

(15) The operator of the well and unit shall notify the Director of the Division in writing of the subsequent voluntary agreement of all parties subject to the forced pooling provisions of this order.

IT IS THEREFORE ORDERED THAT:

(1) All mineral interests, whatever they may be, within the Gallup formation of the Gavilan-Mancos Oil Pool underlying all of Section 14, Township 25 North, Range 2 West, NMPM, Rio Arriba County, New Mexico, are hereby pooled to form a standard 640-acre oil spacing and proration unit for said pool to be dedicated to a well to be drilled at a standard oil well location thereon.

PROVIDED HOWEVER THAT, the operator of said unit shall commence drilling said well on or before the 15th day of March, 1988, and shall thereafter continue drilling of said well with due diligence to a depth sufficient to test the Gallup formation.

PROVIDED FURTHER THAT, in the event said operator does not commence the drilling of said well on or before the 15th day of March, 1988, Ordering Paragraph No. (1)

of this order shall be null and void and of no effect whatsoever, unless said operator obtains a time extension from the Division for good cause shown.

PROVIDED FURTHER THAT, should said well not be drilled to completion, or abandonment, within 120 days after commencement thereof, said operator shall appear before the Division Director and show cause why Ordering Paragraph No. (1) of this order should not be rescinded.

(2) Mesa Grande Resources, Inc. is hereby designated the operator of the subject well and unit.

(3) After the effective date of this order and within 90 days prior to commencing said well, the operator shall furnish the Division and each known working interest owner in the subject unit an itemized schedule of estimated well costs.

(4) Within 30 days from the date the schedule of estimated well costs is furnished to him, any non-consenting working interest owner shall have the right to pay his share of estimated well costs to the operator in lieu of paying his share of reasonable well costs out of production, and any such owner who pays his share of estimated well costs as provided above shall remain liable for operating costs but shall not be liable for risk charges.

(5) The operator shall furnish the Division and each known working interest owner an itemized schedule of actual well costs within 90 days following completion of the well; if no objection to the actual well costs is received by the Division and the Division has not objected within 45 days following receipt of said schedule, the actual well costs shall be the reasonable well costs; provided however, if there is objection to actual well costs within said 45-day period the Division will determine reasonable well costs after public notice and hearing.

(6) Within 60 days following determination of reasonable well costs, any non-consenting working interest owner who has paid his share of estimated well costs in advance as provided above shall pay to the operator his pro rata share of the amount that reasonable

well costs exceed estimated well costs and shall receive from the operator his pro rata share of the amount that estimated well costs exceed reasonable well costs.

(7) The operator is hereby authorized to withhold the following costs and charges from production:

(A) The pro rata share of reasonable well costs attributable to each non-consenting working interest owner who has not paid his share of estimated well costs within 30 days from the date the schedule of estimated well costs is furnished to him.

(B) As a charge for the risk involved in the drilling of the well, 200 percent of the pro rata share of reasonable well costs attributable to each non-consenting working interest owner who has not paid his share of estimated well costs within 30 days from the date the schedule of estimated well costs is furnished to him.

(8) The operator shall distribute said costs and charges withheld from production to the parties who advanced the well costs.

(9) \$3500.00 per month while drilling and \$400.00 per month while producing are hereby fixed as reasonable charges for supervision (combined fixed rates); the operator is hereby authorized to withhold from production the proportionate share of such supervision charges attributable to each non-consenting working interest, and in addition thereto, the operator is hereby authorized to withhold from production the proportionate share of actual expenditures required for operating such well, not in excess of what are reasonable, attributable to each non-consenting working interest.

(10) Any unsevered mineral interest shall be considered a seven-eighths (7/8) working interest and a one-eighth (1/8) royalty interest for the purpose of allocating costs and charges under the terms of this order.

(11) Any well costs or charges which are to be paid out of production shall be withheld only from the working interest's share of production, and no costs or charges shall be withheld from production attributable to royalty interests.

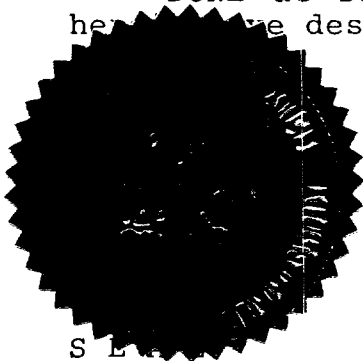
(12) All proceeds from production from the subject well which are not disbursed for any reason shall immediately be placed in escrow in Rio Arriba County, New Mexico, to be paid to the true owner thereof upon demand and proof of ownership; the operator shall notify the Division of the name and address of said escrow agent within 30 days from the date of first deposit with said escrow agent.

(13) Should all parties to this forced pooling order reach voluntary agreement subsequent to entry of this order, this order shall thereafter be of no further effect.

(14) The operator of the well and unit shall notify the Director of the Division in writing of the subsequent voluntary agreement of all parties subject to the forced pooling provisions of this order.

(15) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinafter designated.



STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY,
Director