

November 8, 1996

State of New Mexico
Energy, Minerals and Natural Resources Dept.
Oil Conservation Division
District 1
P.O. Box 1980
Hobbs, New Mexico 88240

Re: Application for Downhole Commingling Graham 7-5 Sec. 7-18S-32E Lea Co., New Mexico

Gentlemen:

Enclosed for your information is a copy of the downhole commingling application packet mailed to the Oil Conservation Division Santa Fe Office on November 8, 1996.

Please call me at (918) 742-5531 if you have any questions.

Respectfully,

Chuck Coday

Chuck Coday

NCC:lb

ncc03

Enclosures

#### EXHIBIT " - CASE NO. 11353, ORDER NO. 1. 10470-A

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DISTRICT   CO. Box 1980, Hobbs, NM 88240 DISTRICT    II1 South First St., Artesia, NM 88210 DISTRICT     OOD Rio Brezos Rd, Aztec, NM 87410	State of Ne Energy, Minerals and Natu OIL CONSERVA 2040 S. Santa Fe, New Mo APPLICATION FOR DOV	ral Resources Department TION DIVISION Pacheco exico 87505-6429	Form C-107-A New 3-12-96 APPROVAL PROCESS: AdministrativeHearing EXISTING WELLBORE XYESNO
Helmerich & Payne, Inc.	1579 E. 2		DK 74114
•	7–5 K	7-18S-32E	Lea
OGRID NO. 010319 Property Cod	de 005123 API NO. 30-	-025-30786 Federal	pacing Unit Lease Types: (check 1 or more) , State, (and/or) Fee
The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zones	Lower Zone
1. Pool Name and Pool Code	Young Bone Spring, Nor 65350	5 h	Young Wolfcamp, North 65590
2. Top and Bottom of Pay Section (Perforations)	8556-8868		10353-10362
3. Type of production {Oil or Gas}	0i1		0i1
4. Method of Production (Flowing or Artificial Lift)	Artificial lift		Artificial lift
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current	a. <sup>(Current)</sup> 500 psi est.	а.	a. 400 psi est
Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	<sup>b. (Original)</sup> 2909 psi	Ь.	ь. 3462 psi
6. Oil Gravity ( <sup>°</sup> API) or Gas BTU Content	37.2		38.3
7. Producing or Shut-In?	Prod.		SI
Production Marginal? (yes or no)	No		Yes
<ul> <li>If Shut-In, give date and oil/gas/ water rates of last production</li> <li>Note: For new zones with no production history, applicant shall be required to attach</li> </ul>	Date: Rates:	Date: Rates:	Date: 2-28-95 Rates: 9 BOPD, 9 MCFPD, 2 BWPD
<ul> <li>production estimates and supporting data</li> <li>If Producing, give date andoil/gas/ water rates of recent test (within 60 days)</li> </ul>	Date: 8-31-96 Rates: 33 BOPD, 23 MCFPD 16 BWPD	Daie: Rates:	Date. Rates:
8. Fixed Percentage Allocation Formula -% for each zone	Oilt: Gas: 72 %	Oil: Gas: %	Oii: Gas: 28 %
<ul> <li>If allocation formula is based submit attachments with su</li> </ul>	upon something other than cu pporting data and/or explaining	rrent or past production, or is method and providing rate pr	based upon some other method, ojections or other required data.
0. Are all working, overriding, a If not, have all working, over Have all offset operators beer	ind royalty interests identical in riding, and royalty interests be a given written notice of the pro	all commingled zones? en notified by certified mail? pposed downhole commingling?	X Yes No Yes No Yes No
1. Will cross-flow occur? flowed production be recove	Yes $\underline{X}$ No If yes, are fluids red, and will the allocation form	compatible, will the formations nula be reliable Yes	not be damaged, will any cross- No (If No, attach explanation)
2. Are all produced fluids from			
<ol> <li>Will the value of production</li> <li>If this well is on, or communication</li> </ol>	itized with state or federal lan	ds either the Commissioner o	Public Lands or the
5. NMOCD Reference Cases for	d Management has been notifie r Rule 303(C) Exceptions:		
<ul> <li>6. ATTACHIVIENTS:</li> <li>C-102 for each zo</li> <li>Production curve 1</li> <li>For zones with no</li> <li>Data to support al</li> <li>Notification list of</li> <li>Notification list of</li> </ul>	one to be commingled showing for each zone for at least one y production history, estimated location method or formula. all offset operators. working, overriding, and royal tements, data, or documents r	its spacing unit and acreage d rear. (If not available, attach e production rates and supportir ty interests for uncommon inte	edication. explaination.} ng data.
hereby certify that the informat	ion above is true and complete	to the best of my knowledge	and belief.
IGNATURE Chuck Con	day	TITLE Sr. Prod. Engr.	DATE October 2, 1996
YPE OR PRINT NAME	,	TELEPHONE NO.	( )742-5531

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	Helmerich and P	ayne
	Lea Co. New Me Young, North F	
C. Cody		10/4/96
	Scole	



#### District I PO Box 1990, Hobbs, NM \$\$241-1990



OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Revised February 10, 15 Instructions on bi Submit to Appropriate District Off

State Lease - 4 Cop Fee Lease - 3 Cop

AMENDED REPOI

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number <sup>1</sup> Pool Code <sup>1</sup> Pool Name 30784 30-025-20786 65350 Young Bone Spring, North \* Property Code Property Name Well Number 005123 : R. E. Graham "7" 5 OGRID No. \* Operator Name \* Elevation 010319 Helmerich & Payne, Inc. 3775.7 <sup>10</sup> Surface Location UL or lot no. Section Township Range Lot Ida Fost from the North/South Las Fost from the East/West East County K 7 18**S** 32E 1980 South 1910 West LEA <sup>11</sup> Bottom Hole Location If Different From Surface UL or lot no. Section Township Rance Lot Ida Feet from the North/South Lac Fost from the East/West Las County 11 Dedicar-1 Acres 13 Joint or Infill 14 Consolidation Code 16 Order No. .... NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION <sup>17</sup> OPERATOR CERTIFICATION -/353.0'-I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief acolom Martin Sie satu re Carolyn Martin Printed Name District Production Clerk 1 03-28-95 Date **SURVEYOR CERTIFICATION** -19101 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Scal of Professional Surveyer: 1350.4 Ceruficate Number

PO Box 2088, Santa Fe, NM \$7504-2088

Fee Lates - 3 copies OIL CONSERVATION DIVISTON DISTRICT I P.O. Box 1980, Hobbs, NM 38240 P.O. Box 2088 Santa Fe, New Mexico 87504-2088 DISTRICT II P.O. Dermer DD, Artesia, NM \$8210 DISTRICT III WELL LOCATION AND ACREAGE DEDICATION PLAT 1000 Rio Brazos Rd., Aztac, NM 87410 All Distances must be from the outer boundaries of the section Oute Mar Well No. HELMERICH & PAYNE INC. R. E. GRAHAM "7" 5 Unit Latte Randen County к ĸ 18 South 32 East NMPM Lea Actoni Footage Location of Well: 1980 Producing Formation feet from the 1910 line and feet from the West line Ground level Elev. Poul Dedicated Activenes WOLFCAMP N. YOUNG WOLF CAMP 3775.7 40 Acres 1. Outline the acreage dedicated to the subject well by colored pencil or hachage marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization. unitization, force-pooling, etc.? No No 🗌 Yes If answer is "yes" type of consolidation If answer is "no" first the owners and tract descriptions which have actually been consulidated. (Use reverse aide of this form if neccessary. No allowable will be assigned to the well until all humania have been consolidated (by communicization, unitimbon, torces-pooling, or otherwise) or tastil a non-standard unit, eliminating such interest, has been approved by the Division. -1353.0---OPERATOR CERTIFICATION I hereby certify that the information contained herein in true and complete to the best of my knowledge and belief. Signature Roags. Busan Printed Name ROGER G. BURAL Position DRILLING SUPT. Company HELMERICH & PAYNE, INL Date  $\mathbf{O}$  $\mathbf{a}$ SURVEYOR CERTIFICATION I hereby certify that the well location sh on this plat was plotted from field notes of actual merveys made by me or under my 1910 supervison, and that the same is true and correct to the best of my incovietize and belief. Data Surveyed January 6,1990 Signature & Seal of 986 Professional Sur 1350.4 678 RONALD & EIDSON, 3239 400 330 996 1320 1650 1980 2310 2640 2000 1500 1000 500 ð

TATAL





October 4, 1996

Manzano Oil Corporation PO Box 2107 Roswell, NM 88202-2107

> Re: Downhole Commingle Application Young North Field Graham 7-5 Sec. 7-18S-32E Lea County, NM

Gentlemen:

Helmerich & Payne, Inc. is filing an application to downhole commingle the 2nd Bone Springs Sd and the Wolfcamp zone in the subject well. Please indicate your approval or objection below and return this letter in the enclosed addressed envelope at your earliest convenience.

If you have any questions, please contact me at (918) 742-5531.

Sincerely,

Chuck Coday

Chuck Coday

NCC:sal

Approve

Disapprove

10/10/96

Name D.E. Brown, VP Engineering

Date

Manzano Oil Corporation

Company

October 4, 1996

Morexco, Inc. PO Box 481 301 W. Texas Artesia, NM 88211-0481

> Re: Downhole Commingle Application Young North Field Graham 7-5 Sec. 7-18S-32E Lea County, NM

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If you have any questions, please contact me at (918) 742-5531.

Sincerely,

Auck Coday

Chuck Coday

NCC:sal

Approve Disapprove

Jame

10-14-96

Marexed, Inc. Company Date



October 4, 1996

Santa Fe Energy 550 W. Texas, Suite 1330 Midland, TX 79701



Downhole Commingle Application Young North Field Graham 7-5 Sec. 7-18S-32E Lea County, NM

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Sincerely.

Chuck Coday

Chuck Coday

NCC:sal

Approve

Disapprove

Date

Erepti Lesurues In-

Company

#### **ROSWELL DISTRICT COPY**



# HELMERICH & PAYNE, INC. UTICA AT TWENTY-FIRST · TULSA, OKLAHOMA 74114

October 4, 1996

Bureau Of Land Management 620 E. Greene St. Carlsbad, NM 88220



Re: Downhole Commingle Application Young North Field Graham 7-5 Sec. 7-18S-32E Lea County, NM

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Sincerely,

Ruck Coday

Chuck Coday

NCC:sal

Approve

Disapprove

Name

131.11

Company

10/10/96

Date

,33 .



October 28, 1996

Harvey E. Yates PO Box 1933 Roswell, NM 88202-1933 Attn: Melissa Randle

> Re: Downhole Commingle Application Young North Field Graham 7-5 Sec. 7-18S-32E Lea County, NM

Dear Melissa:

Helmerich & Payne, Inc. is filing an application to downhole commingle the 2nd Bone Springs Sd and the Wolfcamp zone in the subject well. Please indicate your approval or objection below and return this letter in the enclosed addressed envelope at your earliest convenience.

If you have any questions, please contact me at (918) 742-5531.

Sincerely,

Chuck Coday

NCC:sal Approve Disapprove November 4, 1996 MR Name Gedrige M. Yates, President Date Harvey E. Yates Company Company

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