DHC 12/2/96

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

CERTIFIED MAIL

November 8, 1996

1418

State of New Mexico Energy, Minerals and Natural Resources Dept. OIL CONSERVATION DIVISION 2040 S. Pacheco Santa Fe, New Mexico 87505-6429

Re: Application for Downhole Commingling

Graham 7-5 Sec. 7-18S-32E Lea Co., New Mexico

Gentlemen:

Enclosed are the following documents pertaining to downhole commingling in the subject well:

- 1. Form C-107-A Application for downhole commingling.
- 2. Base Map (Young, North Field)
- 3. Wellbore Schmatic
- 4. Form C-102 Well 7-5 Bone Springs
- 5. Form C-102 Well 7-5 Wolfcamp
- 6. Production Curve (Wolfcamp)
- 7. Production Curve (Bone Spring)
- 8. Signed waiver letters from offset operator.
- 9. 1 copy of items 1-8.

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

Respectfully,

Chuck Coday

Chuck Collar

NCC:lb ncc02 Enclosures

EXHIBIT "B" - CASE NO. 11353, ORDER NO. R-10470-A

DISTRICT I

P.Q. Box 1980, Hobbs, NM 88240

DISTRICT II 811 South First St., Artesia. NM 88210

DISTRICT III 1000 Rio Brazos Rd, Aztec, NM 87410 State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107-A New 3-12-96

OIL CONSERVATION DIVISION

2040 S. Pacheco Santa Fe, New Mexico 87505-6429

APPROVAL PROCESS:

___ Administrative ___Hearing

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE X YES __ NO

Helmerich & Payne, Inc.	1579 E. 2		OK 74114
R.E. Graham		7-18S-32E	Lea
	005123 API NO. 30-	005 2070¢	pacing Unit Lease Types: (chack 1 or more), State, (and/or) Fee
The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zones	Lower Zone
Pool Name and Pool Code	Young Bone Spring, Nor 65350	:h	Young Wolfcamp, North 65590
Top and Bottom of Pay Section (Perforations)	8556 - 8868		10353-10362
3. Type of production (Oil or Gas)	Oil		0i1
4. Method of Production (Flowing or Artificial Lift)	Artificial lift		Artificial lift
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a. (Current) 500 psi est. b. (Original) 2909 psi	a. b.	a. 400 psi est b. 3462 psi
6. Oil Gravity ([°] API) or Gas BTU Content	37.2		38.3
7. Producing or Shut-In?	Prod.		SI
Production Marginal? (yes or no)	No		Yes
If Shut-In, give date and oil/gas/ water rates of last production Note: For new zones with no production history, applicant shall be required to attach	Date: Rates:	Date: Rates:	Date: 2-28-95 Rates: 9 BOPD, 9 MCFPD, 2 BWPD
 If Producing, give date andoil/gas/ water rates of recent test (within 60 days) 	Date: 8-31-96 Rates: 33 BOPD, 23 MCFPD 16 BWPD	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula -% for each zone	Oil: Gas: 72 %	Oil: Gas: %	Oil: 21 % Gas: 28 %
 Are all working, overriding, a If not, have all working, over Have all offset operators been 	pporting data and/or explaining nd royalty interests identical in riding, and royalty interests be n given written notice of the pro	method and providing rate pr all commingled zones? en notified by certified mail? posed downhole commingling?	ojections or other required data. X Yes No Yes No Yes No
	red, and will the allocation form	nula be reliable Yes	No (If No, attach explanation)
12. Are all produced fluids from a			
 Will the value of production t If this well is on, or community 	itized with state or federal land	ds either the Commissioner of	F Public Lands or the
United States Bureau of Land	d Management has been notifie	ed in writing of this application	Yes No
* For zones with no * For zones with no * Data to support all * Notification list of * Notification list of	ne to be commingled showing or each zone for at least one y production history, estimated location method or formula	its spacing unit and acreage dear. (If not available, attach eproduction rates and supporting	edication. xplaination.) g data.
I hereby certify that the informati	ion above is true and complete	to the best of my knowledge	and belief.
SIGNATURE Chuck Con		-	DATE October 2, 1996
TYPE OR PRINT NAMEChuck	Coday	TELEPHONE NO.	918) 742-5531

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	R 31 E					
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			JFG ENTERPR YATES WHITE FED 1 BSPG BSPG BSPG			
			MERIDIAN OIL FED'AM' 2 BSPG♥			
T 18	YATE\$2 TAYLOR DEEP"12"FED 1-Y BSPG♥	H & P, INC. GRAHAM"7" #2 H & P, INC FEI GRAHAM"7" #5 WFMP BSPG GRAHAM"7" 1	AMOCO FEDERAL"AM" 1 BSPG CO <amoco prod=""> BEAL"AM" 1 AMOCO FEDERAL"AF" 1 BSPG BSPG BSPG BSPG AMOCO"CP" FED 1 BSPG</amoco>			
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	Helmerich and P	ayne ——————
	Lea Co. New Me Young, North Fi	
C. Cody		10/4/96
	Scale	

Graham 7-5 sec 7-185-32E Lea Counts, NM

CURRENT WELLBORE COMMINGIED Wellbore 13 3/8 48# 555 5TC 2 650 contid w/ 650sx to surf 85/8 32 # J55 STC @ 3103 cmtd w/ 875 sx to Surf 279 65 H N80 EUE TUBING DV TOOL @ 6976 cmtd w/885 sx Est TOC @ 7400 mm 2 8544' (Tubing anchor Catcher 2 +- 8544 -> 2nd BONE Springs Sd. 8556-8868 CIBP @ 10,010 W/ 20'cmt (PBTD 9990) Wolfcamp 10,353 - 10,362 52 20# NOO LTC @ 10696 cmtd w/ 7455x PBTD D 10,575

-141 50 SHEETS -142 100 SHEETS -144 200 SHEETS

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-9719
District III
1000 Rio Brazzo Rd., Aztec, NM 87410
District IV

PO Box 2088, Santa Fe. NM 87564-2088

API Number

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Form C-1 Revised February 10, 15 Instructions on be

Submit to Appropriate District Off

1 Pool Name

State Lease - 4 Cop

Fee Lease · 3 Cop

AMENDED REPOI

WELL LOCATION AN	D ACREAGE	E DEDICATIO	N PLAT
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1 Pool Code

30-025	-2 0786	30186	2	65350		Young Bon	Young Bone Spring, North					
* Property	Code	¹ Property Name						* Well Number		Well Number		
005123		R. E. Graham "7"							5			
'OGRID	Yo.	¹ Operator Name							* Elevation			
010319)		Helm	erich 8	Payne, In	ic.				3775.7		
¹⁰ Surface Location												
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11 Bottom Hole Location If Different From Surface												
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DISTRICT I P.O. Box 1980, Hobbs, NM 88240

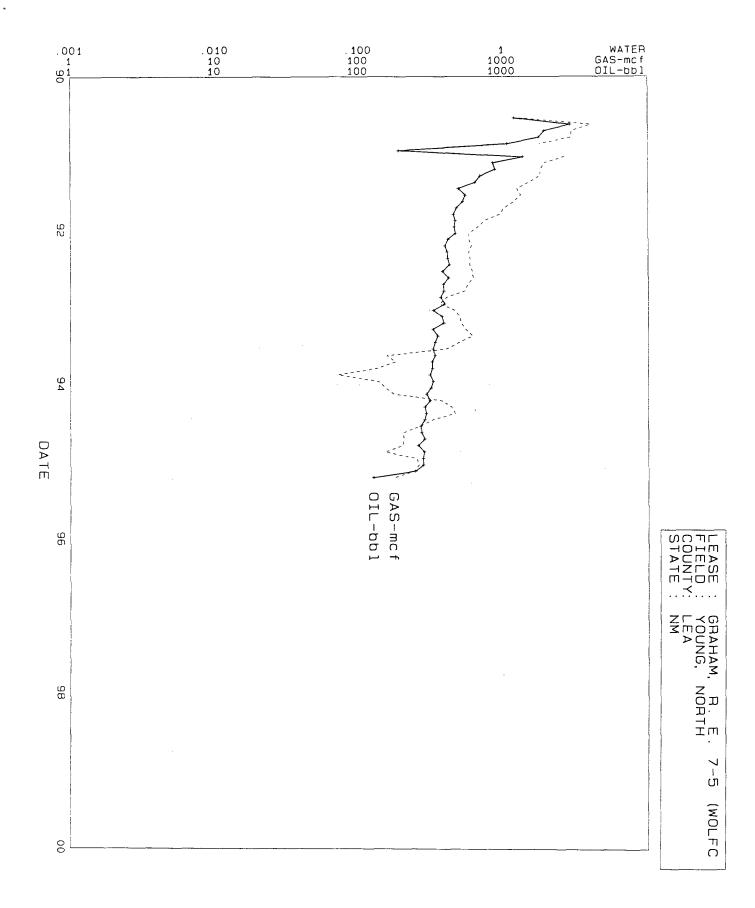
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

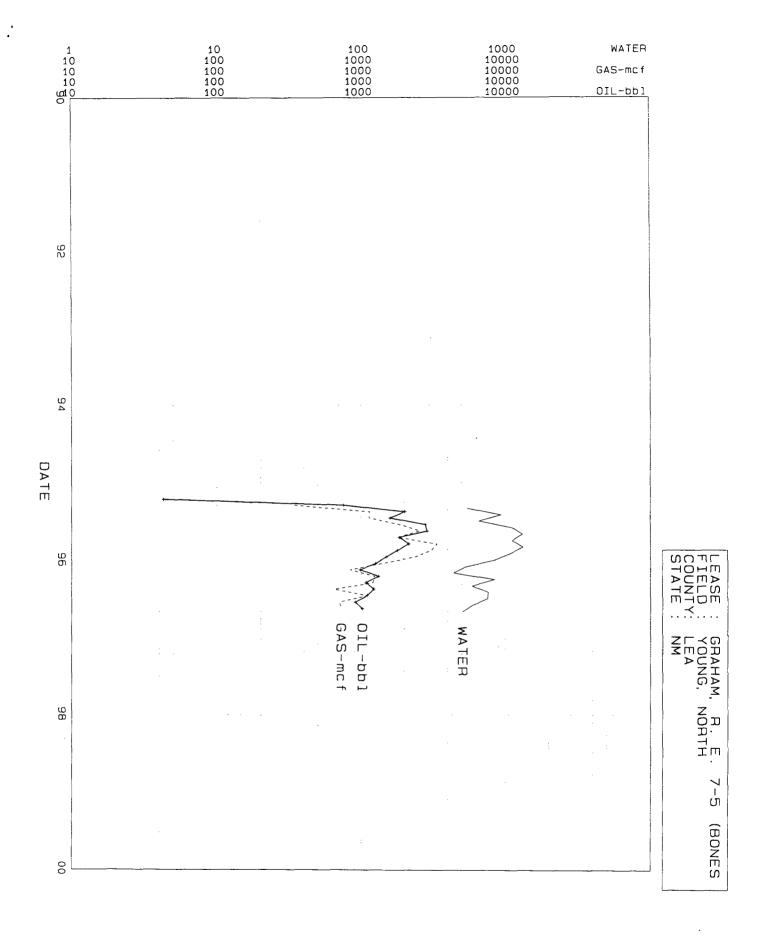
DISTRICT II P.O. Deswer DD, Artesia, NM 88210

DISTRICT III
1000 Bio Bragos Rd., Agtec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

			AN DISTRINGES MU		e outer bounders	es of the section			
Operator				Least			-4	Well No.	
HELMI	ERICH &	PAYNE INC.			R. E.	GRAHAM "	7"		5
Unit Letter	Sections	Towasti	,	Reage			County		
K	7		18 South	· }	32 East	N	OPM	Lea	
Actual Footage Loca	tion of Well:				·				
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HELMERICH & PAYNE, INC. UTICA AT TWENTY-FIRST - TULSA, OKLAHOMA 74114

October 4, 1996

Morexco, Inc. PO Box 481 801 W. Texas Artesia, NM 88211-0481

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

Nama

Da

Company



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

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.

Chuck Codoy

Sincerely,

Approve

Disapprove

Disapprove

10/10/96

Name D.E. Brown, VP Engineering

Manzano Oil Corporation

Company



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

Re:

October 4, 1996

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

RECEIVED

OCT 1 0 1996

LAND DEPT.

MIDLAND. TX.

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

Name

10/9/96 Date

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

Gently Control of Manager

Re: Downhole Commingle Application Young North Field Graham 7-5

Sec. 7-18S-32E Lea County, NM

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

Quet Coday

NCC:sal

Approve

Disapprove

Name

Company

10/10/96 Date

> Subject to Like approval By state mmocd

Red. via de Rende Express 10/29/96

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

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

Name Gedrge M. Yates, President

November 4, 1996

Date

Harvey E. Yates Company

Company