

3300 North Butler Farmington, NM 87401 505 325-4397



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12/8/98

November 17, 1998

Mr. David Catanach State of New Mexico Oil Conservation Division 2040 S. Pacheco Santa Fe, New Mexico 87505-6429

NOV 18 1998

RE: Downhole Commingle Application C. W. Roberts #4 John Charles #6A

Please find enclosed applications to commingle downhole the subject wells. The originals of the applications were incorrectly sent to the Aztec office.

Conservation with Ms. Kathy Valdez advised that the copies would be acceptable this time.

Please advise of any missing documents that should have been included.

M. Bower

Billy Bowen Four Star Oil and Gas Company (505) 325-4397 Ext. 14

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DISTRICT P.O. Box 1980, Hobbs, NM 88241-1980 DISTRICT II 811 South First St., Artesia, NM 88210-2835 DISTRICT III

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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: X Administrative Hearing

EXISTING WELLBORE

APPLICATION FOR DOWNHOLE COMMINGLING

X YES NO

Gas

%

14

%

Oit

0

							110
FOUR STAR OIL AND GAS COMPANY	33	00 N. Butler A	ve., Suite 100	Farming	yton	NM 8740	1
Operator			Addrass				
JOHN CHARLES	6A	1	13	T27N	R09W	SAN JU	AN
Leuse	Well No.	Uni	Ltr Sec - Twp - F	Rge	Sr	County bacing Unit Lease Types: (chec	
OGRID No. 131994 Property	Code 011148	API No.	30045	522660	_ Federal		d/or) Fee
The following facts are submitted in	Upper	, <u>, , , , , , , , , , , , , , , , , , </u>	Inte	ermediate		Lower	
support of downhole commingling:	Zone			Zone		Zone	
1. Pool Name and Pool Code	CHARCA					MESA VERDE	
2. Sup and Bottom of Pay Section (Perforations)	2917-3121					3700-4426	
3. type of Production (Oil or Gas)	GAS			***		GAS	
4. Method of Production (Flowing or Artificial Lift)	FLOWING	<u></u>				FLOWING	
5. Bottornhole Pressure Oil Zones - Artificial Lilt: Estimated Current	(Current) a. 255 # SHUT IN SUF	RF.	a.			a. 96 # SHUT IN SURF.	
Gas .Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	b. (Original)		b.	•		b.	
6. Oil Gravily (*API) or Gas BTU Content	1158 BTU					1324 BTU	
7. Producing or Shut-in ?	PRODUCING					PRODUCING	
Production Marginal? (yes or no)	YES					YES	
If Shut-in, give date and oil/gas/	Date:		Date:			Date:	
water rates of last producton	Rates:		Rates:			Rales:	
11 to: For new zones with no production history applicant shall be required to attach production							
applicant shaft be required to attach production estimates and supporting data	0.1	6/28/98	Date:			Date:	5/31/98
If Producing, give date and oil/gas/	Date: Rates: 0/4/50	0/20/90	Rates;			Rates: 0/2/8	
water rates of recent test			Rates.			OIL/WTR/GA	
ilhin 60 days)	OIL/WTR/GA						

9. If allocation formula is based upon something other than current or past production, or is based on some other method, submit attachments with supporting data and/or explaining mmethod and providing rate projections or other required data.

%

Gas:

86

Oil:

%

0

Fixed Percentage Allocation

Formulla - % for each zone

8.

10.	Are all working, overriding, and royalty interests identical in all commingled zones? If not, have all working, overriding, and royalty interests been notified by certified ma Have all offset operators been given written notice of the proposed downhole comm	X_Yes No Yes No X_Yes No		
11.				1, will any cros
•	flowed production be recovered, and will the allocation formula be reliable.	Yes	No	(If No, attach explanation)
12.	Are all produced fluids from all commingled zones compatible with each other	X_Yes	No	
13.	Will the value of production be decreased by commingling?	Yes	X No	(If Yes, attach explanation)
14.	If this well is on, or communitized with, state or federal lands, either the Commission United States Bureau of Land Management has been notified in writing of this applic	ier of Public ation X	Lands or the Yes N	ło
15.	NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S			
16.	ATTACHMENTS:			
	•C-102 for each zone to be commingled showing its spacing unit and acreage •Production curve for each zone for at least one year. (If not available, attact	e dedication h explanatio	п.)	

Oil:

%

Gas:

%

*For zones with no production history, estimated production rates and supporting data.

*Data to support allocation method or formula.

*Notification list of all offset, operators.

*Notification list of all working, overriding, and royalty interest for uncommon interest cases.

Any additional statements, data, or documents required to support commingling.

I hereby certify that the information above is true and complete to the best of my knowledge and belief

	st of my knowledge and belief.		
Signature Cached Thending Title	Senior Engineer	Date	9/25/98
TYPE OR PRINT NAM Rached Hindi	Telephone	325-4397	

2 <u>79 070</u>), Box 1930, Hobbs, NM 88241-1980 <u>STRICT II.</u> D. Bax Órawer DD, Artesia, NM 88211-0719	State of New Mexico Energy, Minerals and Natural Resources De, OIL CONSERVATION DIVI	lestructions
<u>STRICT III</u> CO Rio Brazos Rd., Aztec, NM - 37410 STRICT IV	P.O. Box 2088 Santa Fe, New Mexico 87504-208	State Lease - 4 Copie
O. Box 2038, Santa Fe, NM 37504-2088	LL LOCATION AND ACREAGE DEDICATIO	AMENDED REPORT
1 APt Number	² Pool Code	³ Pool Name
3004522660		ANCO MESAVERDE (PRORATED GAS)
* Property Code	⁵ Property Name JOHN CHARLES	⁶ Well No. 6A
7 OGRID Number 131994	³ Operator Name FOUR STAR OIL AND GAS COMPANY	⁹ Elevation
	¹⁰ Surface Location	
I cr let no Section Township Range		Feet From The East/West Line County 840 EAST SAN JUAN
11	Bottom Hole Location If Different From Sur	face
il or lot no. Section Township Range	Lot.Idn Feet From The North/South Line	Feet From The East/West Line County
Dedicated Acre ¹³ Joint or Infill 320 No	¹⁴ Consolidation Code GNED TO THIS COMPLETION UNTIL ALL INTE	
	N-STANDARD UNIT HAS BEEN APPROVED B	
16 T		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
 		Signature
		Rached Hindi Positio Senior Engineer Date
		9/25/98 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown
	840'	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 knowledge and belief.
		Signature & Seal of Professional Surveyor
		Certificate No.

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.O. Box Brawer DD, Artesia, NM 88211-0719 <u>ISTRICT III</u> 000 Rio Brazos Rd., Aztec, NM 87410 <u>ISTRICT IV</u> .O. Box 2088, Santa Fe, NM 87504-2088 W	P.O. Box 2088 Santa Fe, New Mexico 87504-2088 ELL LOCATION AND ACREAGE DEDICATION PLAT	Form 0-103 Revised February 10,199 Instructions on back it to Appropriate District Offic State Lease - 4 Copie Fee Lease - 3 Copie AMENDED REPORT
¹ API Number 3004522660	² Pool Code ³ Pool Name	(015)
Property Code	82329 OTERO CHACRA ⁵ Property Name	⁶ Well No.
	JOHN CHARLES	6A
⁷ OGRID Number 131994	^a Operator Name FOUR STAR OIL AND GAS COMPANY	⁹ Elevation
<u></u>	¹⁰ Surface Location	
Ul or lot no Section Township Range I 13 T27N R09		ast/West Line County EAST SAN JUAN
1	Bottom Hole Location If Different From Sunace	
UI or lot no. Section Township Ran	ge Lot.Idn Feet From The North/South Line Feet From The Ea	ist/West Line County
¹² Dedicated Acre ¹³ Joint or Infill	¹⁴ Consolidation Code ¹⁵ Order No.	
160 No		
	SIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEE ON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION	IN CONSOLIDATED
16		that the information s true and complete to the

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OFFSET OPERATORS FOR JOHN CHARLES #6A T-27N, R-9W AND T-27N, R-8W SAN JUAN COUNTY, NEW MEXICO

6383

 All of Section 24-27N-9W (Mesaverde formation): W/2-Section 7-27N-8W (Mesaverde formation): W/2-Section 19-27N-8W (Mesaverde formation): NW/4-Section 19-27N-8W (Chacra formation): N/2-Section 24-27N-9W (Chacra formation)

Burlington Resources Oil & Gas Company P. O. Box 4289 Farmington, NM 87499-4289

(2) <u>W/2-Section 18-27N-8W (Mesaverde formation); NW/4-Section 18-27N-8W (Chacra</u> formation)

Amoco Production Company P. O. Box 800 Denver, CO 80201

(3) <u>SW/4-Section 18-27N-8W (Chacra formation)</u>

<u>Gas</u>: Burlington Resources Oil & Gas Company P. O. Box 4289 Farmington, NM 87499-4289

<u>Oil</u>:

50% -- Burlington Resources Oil & Gas Company P. O. Box 4289 Denver, CO 87499-4289

50% -- Fina Oil & Chemical Co. P. O. Box 2159 Dallas, TX 75221

(4) <u>All of Section 12-27N-9W (Mesaverde formation)</u>; <u>All of Section 13-27N-9W (Chacra</u> formation and Mesaverde formation)

Four Star Oil & Gas Company P. O. Box 2100 Denver, CO 80201

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	98	
	97	
	96	
	95	T PRES / 1 WINJ: 0 bbl
CHACRA 82329	94	AVG INJ 1,579 bbl W
RSVR: REG_FLD:	63	BWIPD mcf WTR:
NHC	92	BWPD GAS: 47,636
CHARLES, JOHN 6A 017692	91	MCFPD - OIL: 0 bbl
LEASE NAME: TEX_WELL_NO: CURR_LSE_NO:	06	BOPD CURRENT CUMS:

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JOHN CHARLES No. 6A PROPOSED COMMINGLE





JOHN CHARLES No. 6A CURRENT COMPLETION



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Form 3160-5 , (June 1990)	DEPARTME	ITED STATES INT OF THE INTE LAND MANAGE			Budg	FORM APPROVED et Bureau No. 1004-0135 pires: March 31, 1993
_	SUNDRY NOTICE				5. Lease Designati	on and Serial No. I-149-IND-8466
C	o not use this form for proposals to Use "APPLICATION F		-		6. If Indian, Alottee NAVAJO	e or Tribe Name
	SUBN				7. If Unit or CA, Ag	greement Designation
1. Type of We		OTHER			8. Well Name and	Number JOHN CHARLES
2. Name of O	perator FOUR STAR OIL AND GAS CO	OMPANY				6A
3. Address an	d Telephone No. 3300 N. Butler Ave., Suite 100	Farmington	NM 87401	325-4397	9. API Well No.	3004522660
Unit Letter_		he SOUTH Line a		Feet From The		I, Exploratory Area ERDE/DHC OTERO CHACRA
EAST	_ Line Section <u>13</u>	Township <u>T27N</u>	Range		, S	AN JUAN , NM
12.	Check Appropriate	Box(s) To Inc	licate Natur	e of Notice, R	eport, or Oth	er Data
TYPE	E OF SUBMISSION			Т	YPE OF ACTION	
I3. Describe directiona	otice of Intent ubsequent Report inal Abandonment Notice Proposed or Completed Operations (Clear ally drilled, give subsurface locations and n	neasured and true vert	ical depths for all n	narkers and zones per	Com estimated date of sta	
FOUR STA WELL, PLE CHARCA 2917-3121 GAS PROI 1158 BTU 0 OIL 4 W THE WELL MECHANII	DUCTION TR 50 GAS L IS DUALLY COMPLETED AND PF LLY FEASIBLE TO ARTIFICALLY P	ROVAL TO COMMI WELLBORE DIAG MESA VERDE 3700-4426' PERF3 GAS PRODUCTI 1324 BTU O OIL 2 WTR 8 G RODUCTION HAS I UMP UNDER THE	NGLE THE CHARAM FOR WELL S. ON AS DECREASED D CURRENT WE	ARCA AND MESA LBORE DETAILS. UE TO FLUID LOA LLBORE COMPLE	DING. IT IS UNE TION. TO RECO	CONOMICAL AND NOT
	If that the foregring is true and correct	GLING AND ARTIF		ED TO REMOVE F		
SIGNATU	I had all 1		E Senior Er	igineer		DATE 9/25/98

TYPE OR PRINT NAME

DATE

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Rached Hindi

TITLE



3300 North Butler Farmington, NM 87401 505 325-4397

September 25, 1998

Fina Oil & Chemical Co. P.O. 2159 Dallas, TX 75221

RE: Commingling Application John Charles #6A Sec. 13-27N-9W San Juan County, New Mexico

This letter is to advise your company, that Four Star Oil and Gas Co. has applied for commingling approval of subject well per the attached BLM report.

Bower

Billy Bowen



3300 North Butler Farmington, NM 87401 505 325-4397 . ---

September 25, 1998

4

Amoco Production Company P.O. Box 800 Denver, CO 80201

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Bill Hower

Billy Bowen



3300 North Butler Farmington, NM 87401 505 325-4397

September 25, 1998

Burlington Resources Oil & Gas Company P.O. Box 4289 Farmington, NM 87499-4289

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This letter is to advise your company, that Four Star Oil and Gas Co. has applied for commingling approval of subject well per the attached BLM report.

& Bowes

Billy Bowen

is your <u>RETURN ADDRESS</u> completed on the reverse side	 Complete items 1 an ²⁺ - 2 for additional services. Complete items 3, 4 14b. Print your name andress on the reverse of this form so that we card to you. Attach this form to the front of the mailpiece, or on the back if space permit. Write "Return Receipt Requested" on the mailpiece below the article and delivered. Article Addressed to: Fina Oil + Chemical Co, PO Box 2159 Daulas, TX 75221 Received By: (Print Name) Signature: Addressee or Atent) X 	4 does not a number. 4 he date 4 he date	OSS Type ed ØX Certified Mail Insured ceipt for Merchandise COD elivery SEP 3 0 1998 e's Address (Only if requested	Thank you for using Return Receipt Service.
	PS Form 3811 , December 1994			•
the reverse	SENDER: Complete items 1 and/or 2 for additional services. Complete items 3, 4a, and 4b. Print your name and address on the reverse of this form so that we card to you. Attach this form to the front of the mailpiece, or on the back if space permit. Write "Return Receipt Requested" on the mailpiece below the article The Return Receipt will show to whom the article was delivered and delivered and	does not number.	I also wish to receive the following services (for an extra fee): 1.	pt Service.
completed on	delivered. 3. Article Addressed to:	4a. Article N	Consult postmaster for fee.	Receipt
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	+ Gas Company	Registere	•	ng R
ADDRESS	P.O. Box 4289	Express !	Mail Insured Copy Insured Copy Insured	nsin :
ā	Farmington, NM 87499-4289	7. Date of De		ţ
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RETURN	5. Received By: (Print Name) MICHCIE 20 ber+5	8. Addressee and fee is	s's Address (Only if requested paid)	Thank
your	6. Signature: (Addressee or Agent) X Michelle Kovern			
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<u>ADDRESS</u> completed on the reverse side?	SENDER: Complete items 1 and/or 2 for additional services. Complete items 3, 4a, and 4b. Print your name and address on the reverse of this form ou that we		I also wish to receive the following services (for an	
vers	 and to you. Attach this form to the front of the mailpiece, or on the back if space 		onita 100).	9
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유	The Return Receipt will show to whom the article was delivered an delivered.	id the date	Consult postmaster for fee.	pt S
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your RETURN	5. Received By: (Print Name)	8. Addresse	e's Address (Only if requested	Thank you for using Return Receipt Service
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our	6. Signature: (Addressee or Agent)			
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	PS Form 3811, December 1994		Domestic Return Receipt	

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