Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVE

FORM APPROVED OMB No 1004-0137 Expires July 31, 2010

ACPGAZESIO 112

5. Lease Serial No. NM-85891

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

pposals NMOCD ARTESIA

NM-85891

apandoned well.	Use Form 3160-3 (APD) 16	or such proposals INIVIO	D ARTESIA I	in, Allottee of Tribe Name
SUBMIT IN TRIF	PLICATE - Other in	structions on page 2.	7. If Unit	or CA/Agreement, Name and/or No
Type of Well Oil Well Gas	Well Other	PA	8 Well N	lame and No.
2. Name of Operator				AOK Federal #4H
Yates Petroleum Corporation 3a. Address		3b Phone No. (include area co	9. API W	'ell No. 5-39353
105 S. 4th St., Artesia, NM 88	210	575-748-1471	,	and Pool or Exploratory Area
4. Location of Well (Footage, Sec ,T.,R ,M.,	OR Survey Description)	· · · · · · · · · · · · · · · · · · ·		Draw/Delaware, SW
430' FNL & 480' FEL Sec. 3	-T24S-R29E Unit A	, NENE Surface		nty or Parish, State
660' FNL & 330' FWL Sec. 3				County, New Mexico
	NATE BOX(ES) TO	INDICATE NATURE C		OR OTHER DATA
TYPE OF SUBMISSION		TYPI	E OF ACTION	
	Acidize	Deepen	Production (Start/Resu	me) Water Shut-Off
X Notice of Intent	Alter Casing	Fracture Treat	Reclamation	Well Integrity
	Casing Repair	New Construction	Recomplete	X Other
Subsequent Report	Change Plans	Plug and Abandon	Temporarily Abandon	Surface/Pool
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal	Commingle oil
testing has been completed. Final Abandonmen determined that the site is ready for final inspection. Yates Petroleum responses	tion	er all requirements, including reclams		
Knoll AOK Federal #1 Cedar Canyon/Bone Spring Sec. 3-T24S-R29E Fed. Lease #NM-85891 API #30-015-28127 Eddy County, NM	Knoll AOK For Cedar Canyon Sec. 3-T24S Fed. Lease # API #30-015 Eddy County	on/ Bone Spring -R29E #NM-85891 -35108	Knoll AOK Fed Cedar Canyon Sec. 3-T24S-F Fed. Lease #N API #30-015-3 Eddy County, I	/Bone Spring R29E IM-85891 5907
Please see continuation attac	ched ACCE	pled for record	SEE ATTACH	HED FOR
14. I hereby certify that the foregoing is true	and correct	NMOCD イヤル	4/2012	J VI ATTAUVAL
Name (Printed/Typed) Miriam M	orales	1 . 41.	uction Analyst	
Signature4 Japan	Coroles	Date 8/2/	12 (18-Super	Hel)
	THIS SPACE	FOR FEDERAL OR STATE		Miles .
Approved by /s/ JD Whitic	ock Jr	Title	lPET	Date 8/14/12
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conduct of	table title to those rights in		(Fo	•
Title 18 U.S.C. Section 1001 and Title 43 U.S.	C Section 1212 make it a	crime for any person knowingly	and willfully to make to any der	partment or agency of the United States

Continuation on Surface/Pool Commingle oil only for Knoll ÄOK Federal #4H

Knoll AOK Federal #4H(not yet drilled) Nash Draw/Delaware,SW Sec. 3-T24S-R29E Fed. Lease #NM-85891 API #30-015-39353

The battery is located at the Knoll #1. Please see attached plats and site security diagrams.

Identical ownership. All owners were notified and documentation is attached.

Oil Measurement

Each of the wells will be equipped with continuous metering separators for oil production prior to oil being commingled for sales at the Knoll AOK Federal #1. Total sales/production will be allocated back to each individual well using the metered (daily well tests) volumes. Metered volumes will be compared to total battery volumes daily and monthly for accuracy.

Estimated daily production for the Knoll #1 is 2 bbls, for the Knoll #2H is 26 bbls, for the Knoll #3H is 28 bbls, and for the Knoll #4H is 300 bbls. The average gravity is 44.5.

The purpose of the Surface/Pool Commingle of production is in the interest of conservation, economic feasibility, the reduction of environmental impact area, and will not result in reduced royalty or improper measurement of production. Without approval for utilizing existing batteries on adjacent leases, it will become necessary to build separate facilities for this well. This will greatly increase costs and shorten the economic life of the well.

See attached verification process.

Attachment to the Knoll AOK Federal #4H Surface/Pool commingle oil only application

Federal Lease #NM-85891

Well name	Field/Pool	<u>BOPD</u>	<u>Grav.</u>
Knoll AOK Federal #1 Sec. 3-T24S-R29E API #30-015-28127 Eddy County, NM	Cedar Canyon; Bone Spring	2	45.0
Knoll AOK Federal #2H Sec. 3-T24S-R29E API #30-015-35108 Eddy County, NM	Cedar Canyon; Bone Spring	26	43.0
Knoll AOK Federal #3H Sec. 3-T24S-R29E API #30-015-35907 Eddy County, NM	Cedar Canyon; Bone Spring	28	43.0
Knoll AOK Federal #4H Sec. 3-T24S-R29E API #30-015-39353 Eddy County, NM	Nash Draw; Delaware, SW	*	*

^{*}This information will be provided upon well completion with updated site security diagram.

MARTIN YATES, III 1912-1985 FRANK W. YATES 1936-1986 S.P YATES 1914-2008



105 SOUTH FOURTH STREET

ARTESIA, NEW MEXICO 88210-2118

TELEPHONE (5,75) 748-1471

JOHN A. YATES CHAIRMAN OF THE SOARD

JOHN A. YATES JR

JAMES S BROWN CHIEF OPERATING OFFICER

JOHN D. PERINI
CHIEF FINANCIAL OFFICER

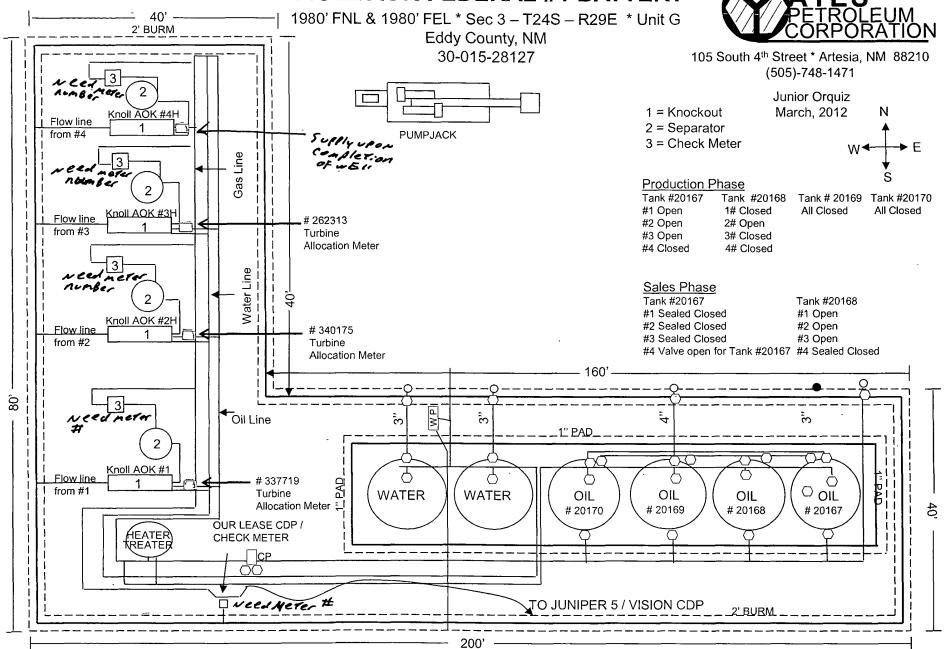
JORGE S. MENDOZA
CHIEF ADMINISTRATIVE DEFICER

Procedure to verify accuracy of turbine allocation meters:

- 1) After the initial install of the turbine allocation meter, production fluid from the well associated to said meter is flowed through the meter and into a sales tank.
- 2) The sales tank is then gauged and the calculated volume is compared to the metered volume.
- 3) If needed, corrections to the meter's calibration factor are made to ensure that metered volumes correspond to the measured volumes from the gauged tank.
- 4) This process is repeated periodically or as needed, determined from the lease operator's daily comparison of total allocation meter readings to gauged tank volumes.

Note: Turbine allocation meters are locked to prevent unwanted tampering of the meter calibration factor.

KNOLL AOK FEDERAL #1 BATTERY



This diagram is subject to the Yates Petroleum Corporation August 1983 Security Plan which is on file at 105 South 4th Street, Artesia, NM

District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV PO Box 2088, Santa Fe, NM 87504-2088

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State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102 Revised February 10, 1994 Instructions on back

☐ AMENDED REPORT

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

		***		C/11101	1 11112 110	CE TOE DEDI				
	LPI Numbe		Ţ	² Pool Code	:		³ Pool N	ame		
30-01	0-015-28127 11520 CEOAR CANYON; BOVE SARING									
1 Property (Code				⁴ Property	y Name			' Well Number	
		KNOL	L "AOK	" FEDER	AL			_	1	
OGRID!	No.				^f Operato	r Name			' Elevation	
		YATE	S PETR	OLEUM C	ORPORATIO	N			3062.	
¹⁰ Surface Location										
UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West E	ne County	
G	3	24 S	29 E		1980	NORTH	1980	EAST	EDDY	
		<u> </u>	11 Bot	tom Hole	e Location	If Different Fro	om Surface			
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West li	ne County	
							<u> </u>			
12 Dedicated Acre	es 13 Joint	or Infill 14 C	onsolidatio	n Code 15 O	rder No.					
40										

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

I hereby certify that the information contained hereitine and complete to the best of my knowledge and printed Name KEN BEARDEMPHI. Title LANDMAN Day 26/94 IBSURVEYOR CERTIFICATI I hereby certify that the well location shown on this was plotted from field notes of actual surveys made		OR A NON-STANDA	AKD UNII HAS B	EEN APPROVED BY	THE DIVISION
Printed Name KEN BEARDEMPHL Title IANDMAN The 26/94 18SURVEYOR CERTIFICATI I hereby certify that the well location shown on this was plotted from field notes of actual surveys made me or under my supervision, and that the same is to	16				17 OPERATOR CERTIFICATION
Printed Name KEN BEARDEMPHL Tiue LANDMAN DP\$26/94 18 SURVEYOR CERTIFICATI 1 hereby certify that the well location shown on this was plotted from field notes of actual surveys made me or under my supervision, and that the same is to					I hereby certify that the information contained herein is true and complete to the best of my knowledge and being
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KEN BEARDEMPHL Title LANDMAN DP426/94 18SURVEYOR CERTIFICATI 1 hereby certify that the well location shown on this was plotted from field notes of actual surveys made me or under my supervision, and that the same is to			1980		 `)
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18SURVEYOR CERTIFICATI 1 hereby certify that the well location shown on this was plotted from field notes of actual surveys made me or under my supervision, and that the same is to			0	1980'	
18SURVEYOR CERTIFICATI 1 hereby certify that the well location shown on this was plotted from field notes of actual surveys made me or under my supervision, and that the same is to		1 2	UM-85891		l —— –
I hereby certify that the well location shown on this was plotted from field notes of actual surveys made me or under my supervision, and that the same is to			· ·		77426/94
was plotted from field notes of actual surveys made me or under my supervision, and that the same is n					18SURVEYOR CERTIFICATION
me or under my supervision, and that the same is to					I hereby certify that the well location shown on this plat
and correct to the best of my belief.					me or under my supervision, and that the same is true
JULY 9, 1994 Date of Supply 2, 19					Date of Superior D. D. S.
Signante and Seat of Protounoid Socreyer.					Signature and Sout of Protonyould Surveyor.
Date of Suprey, R. R. E. D. Signature and Sent of Protestional Surveyor.					LEW MEXICO
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TO SURVEY STATES					Wind A Street A Stree
Ceruficate Human 12 10 10 10 10 10 10 10 10 10 10 10 10 10					Certificate Mario Control Cont

DISTRICT I 1626 M. French Dr., Hobbs, NK 88340 DISTRICT II 811 South First, Artesia, NM 85810

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Bevised March 17, 1999 Instruction on bank Submit to Appropriate District Office

State Lease - 4 Copies Foe Lease - 3 Copies

DISTRICT III 1000 Blo Brazos Bd., Astec, NM 87410 DISTRICT IV 2040 South Pachoco, Santa Fe, NM 87606

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Code Pool Name						
		Wildcat Bone Spring						
Property Code		roperty Name	Wall Number					
	Knoll AOK F	ederal	2 Н					
OGRID No.		perster Name	Kleva tion					
025575	Yates Petrol	eum Corp.	3083'					

Surface Location

Į	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Vest line	County
	A	3	24 S	29 E		330	North	480	East	Eddy

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Vest line	County
D	3	24 S	29 E		658	North	£ 938	West	Eddy
Dedicated Acres	a Joint o	r Infill Co	nsolidation (Code Or	der No.				

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

NO ALLO RABLE			N APPROVED BY TE	ISTS HAVE BEEN CONSOLIDATED IE DIVISION
J 658	,		330	OPERATOR CERTIFICATION
333°			\%O\ 330\	I hereby certify the the information contained herein is true and complete to the best of my knowledge and ballet.
· Carrent manufacture Transferon				Signature
		,		Cy Coyan, Regulatory Agent
	Producing Area			Refer to Original Plat
				SURVEYOR CERTIFICATION
	Project Area			I hereby certify that the soil location shown on this plot was plotted from field noise of actual surveys under by use or under my supervison, and that the same is true and correct to the best of my belief.
	3,00			Refer to Original Plat Date Surveyed Signature & Scal of
				Professional Surveyor
				Certificate No.

DISTRICT I
1635 M. Prench Dr., Hobbs, NN 86340
DISTRICT II
811 South First, Artonia, NM 86310
DISTRICT III

1000 Bie Brance Bd., Autoc. NM 87410

DISTRICT IV 2040 South Pachooo, Sasta Fe, NM 87505

API Number

Property Code

OCRID No.

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999
Instruction on back
Submit to Appropriate Differ Office
State Lease - 4 Copies
For Lease - 3 Copies

Pool Name

Wildcat Bone Spring

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

AMENDED REPORT

Well Number

Elevation

3H

WELL LOCATION AND ACREAGE DEDICATION PLAT

Property Name

Operator Name

Knoll AOK Federal

Pool Code

025575				Yat	tes Petroleu	m Corp.		3058	
					Surface Loc	cation			
UL our lot No. H	Section 3	Township 24 S	Range 29 E	Lot Idn	Feet from the 2310	North/South line North	Feet from the 480	East/Vest line East	County Eddy
	<u> </u>	1	Bottom	Hols L	ocation If Diff	erent From Sur	face	<u> </u>	J
UL or lot No.	Section	Township	Range	lot ldn	Feet from the	North/South line	Fort from the	East/Vest line	County
E	3	24 S	29 E		2210	North	330	West	Eddy
Dedicated Acre	is Joint	or Infill Co	meolidation	Code	Order No.				
NO ALLO	OWABLE					UNTIL ALL INTE APPROVED BY		EEN CONSOLID	ATED
22 LO						2310'	Signature Cy Cowan Printed Nan	OR CERTIFICA	A Agen
		Area.	ucing				m Data plate actual survey supervisors of a survey for to bate Survey Stigmature s	k Seal of	old natur of -wester w is true or inj.
	******	Proje	564				Professions		

DISTRICT I 1625 N. French Dr., Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department Form C-102 Revised July 16, 2010

Submit one copy to appropriate
District Office

DISTRICT II 1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION

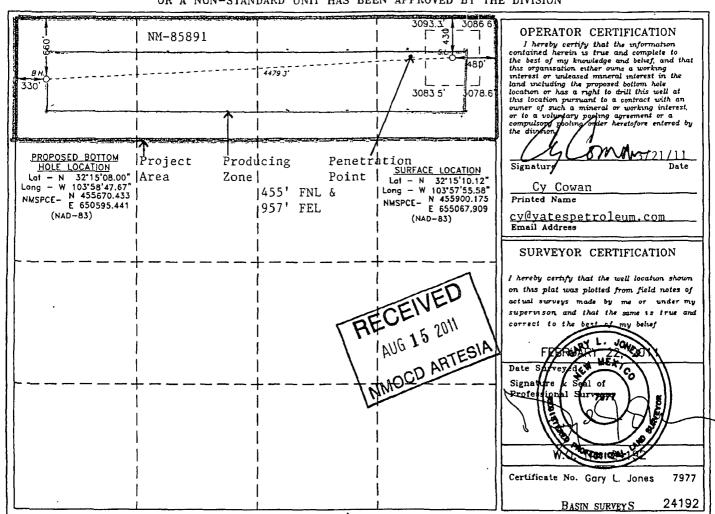
1220 South St. Francis Dr. Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

	Number (9)	Pool Code Pool Name 1914-39353 97148 NAGH DRAW; DELAWARE,						WARE, So	ev	
Property (ode				Property Nam			Well No	ımber	
1574	(1)]		KNO	DLL "AOK" F	EDERAL 🗸		_ 4H	j	
OGRID No					Operator Nam	ie		Elevation		
025575	5			YATE:	S PETROLEU	M CORP.		308	6'	
Surface Location										
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
Α	3	24 S	29 E		· 430	NORTH	480	EAST	EDDY	
			Bottom	Hole Loc	cation If Diffe	rent From Sur	face			
UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County	
D	3	24 S	29 E		660	NORTH	330	WEST	EDDY	
Dedicated Acres	Joint o	r Infill Co	nsolidation (Code Or	der No.					
160	}									

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



MARTIN YATES, III 1912-1985 FRANK W. YATES 1936-1986 S.P. YATES

1914-2008



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118

TELEPHONE (575) 748-1471

JOHN A. YATES
CHAIRMAN OF THE BOARD

JOHN A. YATES JR.

JAMES S. BROWN CHIEF OPERATING OFFICER

JOHN D. PERINI CHIEF FINANCIAL OFFICER

JORGE S. MENDOZA
CHIEF ADMINISTRATIVE OFFICER

August 2, 2012

RE: Surface Pool Commingle Knoll AOK Federal #4H Eddy County, New Mexico

Dear Interest Owner,

Yates Petroleum is notifying you of a Surface Pool Commingle oil only on the following wells:

Knoll AOK Federal #1 Cedar Canyon/Bone Spring Sec. 3-T24S-R29E Fed Lease #NM-85891 API #30-015-28127 Eddy County, NM Knoll AOK Federal #2H Cedar Canyon/ Bone Spring Sec 3-T24S-R29E Fed Lease #NM-85891 API #30-015-35108 Eddy County, NM Knoll AOK Federal #3H Cedar Canyon/Bone Spring Sec 3-T24S-R29E Fed. Lease #NM-85891 API #30-015-35907 Eddy County, NM

Knoll AOK Federal #4H(not yet drilled) Nash Draw/Delaware,SW Sec. 3-T24S-R29E Fed. Lease #NM-85891 API #30-015-39353

The battery is located at the Knoll #1. Identical ownership.

Oil Measurement

Each of the wells will be equipped with continuous metering separators for oil production prior to oil being commingled for sales at the Knoll AOK Federal #1. Total sales/production will be allocated back to each individual well using the metered (daily well tests) volumes. Metered volumes will be compared to total battery volumes daily and monthly for accuracy.

Estimated daily production for the Knoll #1 is 2 bbls, for the Knoll #2H is 26 bbls, for the Knoll #3H is 28 bbls, and for the Knoll #4H is 300 bbls. The average gravity is 44.5.

The purpose of the Surface/Pool Commingle of production is in the interest of conservation, economic feasibility, the reduction of environmental impact area, and will not result in reduced royalty or improper measurement of production. Without approval for utilizing existing batteries on adjacent leases, it will become necessary to build separate facilities for this well. This will greatly increase costs and shorten the economic life of the well.

If you should have any questions, please give me a call at (575) 748-4200 (direct line).

Sincerely:

Miriam Morales
Production Analyst

MYCO INDUSTRIES INC P O BOX 840 ARTESIA, NEW MEXICO 88211

ABO PETROLEUM CORP P O BOX 900 ARTESIA, NEW MEXICO

OXY Y-1 COMPANY P.O. BOX 841803 DALLAS, TX 75284-1803

OCD 1220 S SAINT FRANCIS DR SANTA FE, NEW MEXICO Bureau of Land Management Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

Knoll AOK Federal #1, #2H, #3H & #4H Yates Petroleum Corporation August 13, 2012

Condition of Approval Commingle on and off lease

- 1. This approval is subject to like approval by the New Mexico Oil Conservation Division.
- 2. This agency shall be notified of any spill or discharge as required by NTL-3A.
- 3. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
- 4. This approval does not constitute right-of-way approval for any off-lease activities. Within 30 days, an application for right-of-way approval must be submitted to the Realty Section if not already done.
- 5. Approval for combining production from various sources is a privilege which is granted to lessees for the purpose of aiding conservation and extending the economic life of leases. Applicants should be cognizant that failure to operate in accordance with the provisions outlined in the Authorized Officer's conditions of approval and/or subsequent stipulations or modifications will subject such approval to revocation.
- 6. All above ground structures on the lease shall be painted Shale Green (5Y 4/2), or as per approved APD stipulations. This is to be done within 90 days, if you have not already done so.
- 7. Gas measurement for allocation must be measured as per Onshore Order #5 for sales meters.
- 8. All gas and oil subject to royalty shall be measured as per federal regulations and shall be reported to ONRR as required. All gas which is vented, flared or used on lease shall be reported as per NTL-4A to ONRR. All gas which is vented or flared shall be subject to royalty, unless prior approval was given by the authorized officer.
- 9. This agency shall be notified of any change in sales method or location of sales point.
- 10. Additional wells and/or leases require additional commingling approvals.
- 11. Upon completion of Knoll AOK Federal 4H, Supply oil and gas daily production volumes with gravity and BTU information as required. APPROVAL TO COMMINGLE CONTINGENT ON GRAVITY AND BTU REVIEW.
- 12. Submit updated facility diagram with gas and oil meter identification numbers upon completion of Knoll AOK Federal 4H.

The public's interest in this lease and its pools has been found to be identical at 12.5%. Therefore, this commingle is being approved. This does not mean that the allocation of production to each well will be 100% accurate each month. By approving this request it will only guarantee that the public's interest will not be compromised.