pplication [NSL [1	CKLIST IS M Acronyma -Non-Star DHC-Dowr [PC-Po [EOR-Qual PE OF AP [A]	NEW MEXICO OIL CO - Engineeri 1220 South St. Francis D ADMINISTRATIVE ANDATORY FOR ALL ADMINISTRATI WHICH REQUIRE PROCE Mard Location] [NSP-Non-S shole Commingling] [CTB-	ing Bureau - rive, Santa Fe, NM APPLICATIONS FOR SSING AT THE DIVISION tandard Proration Lease Comminglin ff-Lease Storage [PMX-Pressure sal] [IPI-Injection y Certification] [IPI-injection y Certification] [IPI-injection y Certification] [IPI-injection]	BIVISION 87505 BON CHECI EXCEPTIONS TO DIV N LEVEL IN SANTA FE Unit] [SD-Simult IGLM-Off-Lease Maintenance Ex n Pressure Increa PRR-Positive Pro	ISION RULES AND F taneous Dedica Lease Comming e Measurement (cpansion) ase) oduction Respon H C 4 St	tion] ling]] nse]
pplication [NSL [1	CKLIST IS M Acronyma -Non-Star DHC-Dowr [PC-Po [PC-Po [A] Check	- Engineeri 1220 South St. Francis D ADMINISTRATIVE ADMINISTRATIVE ADMINISTRATIC WHICH REQUIRE PROCE adard Location] [NSP-Non-S abole Commingling] [CTB- bild Commingling] [OLS - Off [WFX-Waterflood Expansion] [SWD-Sait Water Disposed ified Enhanced Oil Recovery PLICATION - Check Those Location - Spacing Unit - S NSL NSP []	ing Bureau - rive, Santa Fe, NM APPLICATIONS FOR SSING AT THE DIVISION tandard Proration Lease Comminglin ff-Lease Storage [PMX-Pressure sal] [IPI-Injection y Certification] [IPI-injection y Certification] [IPI-injection y Certification] [IPI-injection]	87505 ION CHECI EXCEPTIONS TO DIV N LEVEL IN SANTA FE Unit] [SD-Simult [OLM-Off-Lease Maintenance Exa PRR-Positive Pro [A]	ISION RULES AND F taneous Dedica Lease Comming e Measurement (cpansion) ase] oduction Respon H C 4 St	tion] ling]] nse]
pplication [NSL [1	CKLIST IS M Acronyme -Non-Star DHC-Down [PC-Po [COR-Qual PE OF AP [A] Check	1220 South St. Francis D ADMINISTRATIVE ANDATORY FOR ALL ADMINISTRATI WHICH REQUIRE PROCE and Location] [NSP-Non-S thole Commingling] [CTB- ol Commingling] [OLS - OH [SWD-Sait Water Dispo- ified Enhanced Oil Recovery PLICATION - Check Those Location - Spacing Unit - S NSL NSP []	APPLICATIONS FOR CAPPLICATIONS FOR ESSING AT THE DIVISION tandard Proration Lease Comminglim H-Lease Storage] [PMX-Pressure sai] [IPI-Injection (Certification] [I Which Apply for [imultaneous Dedica	ION CHECI EXCEPTIONS TO DIV N LEVEL IN SANTA FE Unit] [SD-Simult IGLM-Off-Lease Maintenance Ex PR-Positive Pro [A]	ISION RULES AND F taneous Dedica Lease Comming e Measurement (cpansion) ase] oduction Respon H C 4 St	tion] ling]] nse]
Application [NSL [1	CKLIST IS M Acronyme -Non-Star DHC-Down [PC-Po [COR-Qual PE OF AP [A] Check	ADMINISTRATIVE ADMINISTRATIVE ANDATORY FOR ALL ADMINISTRATI WHICH REQUIRE PROCE WHICH REQUIRE PROCE WHICH REQUIRE PROCE WHICH REQUIRE PROCE WHICH REQUIRE PROCE WHICH REQUIRE PROCE INS	APPLICATIONS FOR ESSING AT THE DIVISION tandard Proration Lease Comminglin H-Lease Storage] [PMX-Pressure sai] [IPI-injection Certification] [Which Apply for [imultaneous Dedica	ION CHECI EXCEPTIONS TO DIV N LEVEL IN SANTA FE Unit] [SD-Simult IGLM-Off-Lease Maintenance Ex PR-Positive Pro [A]	ISION RULES AND F taneous Dedica Lease Comming e Measurement (cpansion) ase] oduction Respon H C 4 St	tion] ling]] nse]
Application [NSL [1	CKLIST IS M Acronyme -Non-Star DHC-Down [PC-Po [COR-Qual PE OF AP [A] Check	ANDATORY FOR ALL ADMINISTRATI WHICH REQUIRE PROCE and and Location] [NSP-Non-S thole Commingling] [CTB- of Commingling] [OLS - Of [WFX-Waterflood Expansion] [SWD-Sait Water Dispo- ified Enhanced Oil Recovery PLICATION - Check Those Location - Spacing Unit - S NSL NSP []	VE APPLICATIONS FOR ESSING AT THE DIVISION tandard Proration (Lease Comminglin (F-Lease Storage) [PMX-Pressure sal] [IPI-Injection (Certification] [Which Apply for [imultaneous Dedica	EXCEPTIONS TO DIV N LEVEL IN SANTA FE Unit] [SD-Simult og] [PLC-Pool/L [OLM-Off-Lease Maintenance Ex n Pressure Increa PPR-Positive Pro	ISION RULES AND F taneous Dedica Lease Comming e Measurement (cpansion) ase] oduction Respon H C 4 St	tion] ling]] nse]
Application [NSL [1	Acronyma -Non-Star DHC-Dowr [PC-Po [EOR-Qual PE OF AP [A] Check	WHICH REQUIRE PROCE adard Location] [NSP-Non-S thole Commingling] [CTB- ol Commingling] [OLS - Of [WFX-Waterflood Expansion] [SWD-Sait Water Dispo- ified Enhanced Oil Recovery PLICATION - Check Those Location - Spacing Unit - S NSL NSP	tandard Proration Lease Comminglin If-Lease Storage] [PMX-Pressure sal] [IPI-injection Certification] [Which Apply for [imultaneous Dedica	N LEVEL IN SANTA FE Unit] [SD-Simult gg] [PLC-Pool/L [OLM-Off-Lease Maintenance Ex PR-Positive Pro [A]	E taneous Dedica Lease Comming e Measurement e Measurement ase] ase] oduction Respon H _ Y X	tion] ling]] nse]
[NSL [1	-Non-Star DHC-Down [PC-Po [EOR-Qual PE OF AP [A] Check	Adard Location] [NSP-Non-S thole Commingling] [CTB- of Commingling] [OLS - Of [WFX-Waterflood Expansion] [SWD-Sait Water Dispose ified Enhanced Oil Recovery PLICATION - Check Those Location - Spacing Unit - S NSL NSP	Lease Comminglin If-Lease Storage] [PMX-Pressure sal] [IPI-Injection Certification] [Which Apply for [imultaneous Dedica	Image: Contract of the second state	Lease Comming e Measurement kpansion] ase] oduction Respon H _ Y &	lling]] nse] 70
[1] TYP	[A] Check	Location - Spacing Unit - S	imultaneous Dedica	[A] -D	HE 480	00
		One Only for [B] or [C]		KC	Hot Ste	vens 7
		Commingling - Storage - M	leasurement] PLC] PC		OLM	
	[C]	Injection - Disposal - Press				
	[D]	Other: Specify				
[2] NO]	FIFICAT [A]	ON REQUIRED TO: - Che Working, Royalty or C			h	
	[B]	Offset Operators, Leas	eholders or Surface	: Owner	-70	ples Eadt.
	[C]	Application is One Wh	nich Requires Publi	shed Legal Notic	e 30-	005-607
	[D]	Notification and/or Co	ncurrent Approval	by BLM or SLO	-Die Star	005-607
	[E]	For all of the above, P	roof of Notification	or Publication is	Attached, and/c	nond monal
	[F]	Waivers are Attached			4pper	
		CURATE AND COMPLET		N REQUIRED	TO PROCESS	THE TYPE
approval is a	iccurate a	FION: I hereby certify that the time of the terminal termination and notifies the best of the termination and notifies the termina	y knowledge. I also	o understand that i	pplication for ad no action will b	Iministrative 16
		Statement must be completed by				Atura
Rory Mc	Minn	d		President		11-11-2016

1

District I 1625 N. French Drive, Hobba, NM 58240 District II 811 S. First St., Artesia, NM 58210 District III

.

District III 1000 Rio Brazos Road, Azter, NM 87410 District IV

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

State of New Mexico Energy, Minerals and Natural Resources Department

> Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

Form C-107A Revised August 1, 2011

APPLICATION TYPE
X Single Well
Stablish Pre-Approved Pools
EXISTING WELLBORE
X Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Read and Stevens, Inc.

P.O. Box 1518 Roswell, NM 88202-1518

Operator	· · · · · · · · · · · · · · · · · · ·	Address		
Toles Federal	#1	O Section 34 T1	5S-R27E	Chaves
Lease	Well No.	Unit Letter-Section-Town	ship-Range	County
OGRID No.18917	Property Code 9576	API No. 30-005-60782	Lease Type: X Federa	l State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Pennsylvanian	Strawn	Atoka
Pool Code	97223	96984	76060
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	7,640' – 7,649'	8,214'	+/- 8,680' to +/- 8,695' Com. w/ Morrow Below
Method of Production (Flowing or Artificial Lift)	Artificial Lift	Artificial Lift	Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be requised if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	+/- 700 psi	+/- 700 psi	+/- 700 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	+/- 1100	+/-1100	+/-1100
Producing, Shut-In or New Zone	New Zone	New Zone	Adjacent to Existing Producing Zone
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to stach production estimates and supporting data.)	Date: NA Rates:	Date: NA Rates:	Date: 07/31/2012 Rates: +/- 2 mcfd
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas % 48 % 48	Oil Gas . 1 % 1 %	Oil Gas 20 % 20 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	Yes X Yes	No No
Are all produced fluids from all commingled zones compatible with each other?	Yes X	No
Will commingling decrease the value of production?	Yes	No X
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	Yes	No X (NA)
NMOCD Reference Case No. applicable to this well:		

Attachments:

C-102 for each zone to be commingled showing its spacing unit and acreage dedication. Production curve for each zone for at least one year. (If not available, attach explanation.) For zones with no production history, estimated production rates and supporting data. Data to support allocation method or formula. District 1 1625 N. French Drive, Hobbs, NM 88240

District II 811 S. First St., Artesia, NM 88210

District III 1000 Rio Brazos Road, Aztec, NM 87410

District IV

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

State of New Mexico Energy, Minerals and Natural Resources Department

> Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

Form C-107A Revised August 1, 2011

APPLICATION TYPE
X_Single Well
Establish Pre-Approved Pools
EXISTING WELLBORE
X_Yes ___No

APPLICATION FOR DOWNHOLE COMMINGLING

Read and Stevens, Inc.

P.O. Box 1518 Roswell, NM 88202-1518

Operator		Address	
Toles Federal	#1	O Section 34 T15S-R27E	Chaves
Lease	Well No.	Unit Letter-Section-Township-Range	County

OGRID No.18917

Property Code 9576 AI

API No. 30-005-60782

Lease Type: X Federal _____ State ____ Fee

DATA ELEMENT	UP	PER ZONE	INTE	RMEDIAT	E ZONE		LOWE	R ZON	IE
Pool Name					<u></u>		Мо	orrow	
Pool Code							76	6079	
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)						8,720		32', 8, 8,699'	695.5'
Method of Production (Flowing or Artificial Lift)							Artifi	cial Li	ft
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)							+/- 7	700 psi	
Oil Gravity or Gas BTU (Degree API or Gas BTU)							+/-	1100	
Producing, Shut-In or New Zone						Exis	ting Pro	oducin	g Zone
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: Rates:		Date: Rates:				07/31/2 : +/- 3m		
Fixed Allocation Percentage	Oil	Gas	Oil	Ga	5	Oil		Gas	
(Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	%	%		: %	%	31	%	31	%

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	Yes X Yes		No No	
Are all produced fluids from all commingled zones compatible with each other?	Yes 2	X	No	
Will commingling decrease the value of production?	Yes		No	х
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	Yes		No X	(NA)
NMOCD Reference Case No. applicable to this well:				

Attachments:

C-102 for each zone to be commingled showing its spacing unit and acreage dedication. Production curve for each zone for at least one year. (If not available, attach explanation.)

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

Data to support allocation method or formula.

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

Notification list of working, royalty and overriding royalty interests for uncommon interest cases. Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools List of all operators within the proposed Pre-Approved Pools Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application. Bottomhole pressure data.

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

SIGNATURE MUST BUILT TITLE	Consultant/Agent DATE Nov 17 2016
TYPE OR PRINT NAME MOTH MUSPHY	TELEPHONE NO. (720) 4683646
E-MAIL ADDRESS CONQUEST CARTY & GMail.co	m

Page 1 of 1

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec. NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources **Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

Form C-102 August 1, 2011 Permit 227736

1. API Number	2. Pool Code	3. Pool Name
30-005-60782	76060	DIAMOND MOUND;ATOKA (GAS)
4. Property Code	5. Property Name	6. Well No.
9576	TOLES FEDERAL	001
7. OGRID No.	8. Operator Name	9, Elevation
18917	READ & STEVENS INC	3518

UL - Lot	0	Section	34	Township	S	Range 27E	Lot Idn	Feet From 660	N/S Line	s	Feet From 1980	E/W Line E	County	CHAVES
	-				-		2.7. 10. 17. 1		- Carlos - Carlos	-				

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicate	d Acres 20.00		13, Joint or	Infiil	14. Consolida	ition Code		15. 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

L	 -	_		here		
	100		and and	a ligned	100	
			•			

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered with a diverse of the such as a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered with a diverse of the such as a such by the division.

E-Signed By Prostiliant & Charman Road Uponsting Ill Title: 12 Novanson 2016 Agant Fon 255, me I

SURVEYOR CERTIFICATION

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.

Surveyed By:	John West
Date of Survey.	8/23/1980
Certificate Number:	676

Page 1 of 1

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 **District II**

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

12. Dedicated Acres

320.00

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

Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources **Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

Form C-102 August 1, 2011

Permit 227736

15. Order No.

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Nun	nber	2	Pool Code 97223				3. Pool Na		DI	NOUND; UPPER	R PENN. (G)		
4. Property	Code 9576	5	5. Property Name TOLES	S FEDERAL			6. Well No	001					
7. OGRID	No. 18917	8	8. Operator Name READ	& STEVEN	S IN	С	9. Elevation	on 3518					
						10. 5	Surface Locatio	n					
UL - Lot	Section	34	Township 15S	Range 27	7E	Lot Idn	Feet From 660	N/S Line	s	Feet From 1980	E/W Line E	County	CHAVES
				11. Bot	tom	Hole Lo	cation If Differe	nt From S	Sur	lace			
UL - Lot	O	34	Township 15S	Range	27E	Lot Idn	Feet From 660	N/S Line	s	Feet From 1980	E/W Line	County	CHAVES

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

14. Consolidation Code

13. Joint or Infill

OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. E-Signed By: Title: Date: 1/-/I-Z016
SURVEYOR CERTIFICATION 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.
Surveyed By: John West
Date of Survey: 8/23/1980 Certificate Number: 676

Page 1 of 1

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Form C-102 August 1, 2011

Permit 227736

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Numbe		2. Pool Code 96984			5.P	DIAMO	ND MOUND; ST	RAWN (G)		
4. Property Co 95		5. Property Name TOLE	S FEDERAL		6. V	/ell No. 001				
7. OGRID No. 18	917	8. Operator Name READ	& STEVENS I	NC	9. E	levation 3518				
				10. Su	rface Locatio	'n				
UL - Lot O	Section 34	Township 15S	Range 27E	Lot Idn	Feet From 660	N/S Line S	Feet From 1980	E/W Line E	County	CHAVES
			11. Bottom	Hole Loca	ation If Differe	ent From Sur	face			
UL - Lot	Section	Township	Range	Lot Idn	Feet From	n N/S Line	Feet From	E/W Line		County
12. Dedicated	Acres 0.00		13. Joint or Infi	1	14. Conso	plidation Code		15. Orde	r No.	
						the information of	ATOR CERTIFIC	rue and comple	te to the	hand of my
				min this inte by t	neral interest in the well at this locat well at this locat prest, or to a volu the division.	e land including tion pursuant to a ntary pooling age	organization either of the proposed bottor a contract with an ow recement or a compu- opper MMM (m. 16	m hole location(wher of such a r ilsory pooling or	interest ((s) or has mineral c	or unleased s a right to drill or working

Certificate Number:	676
Date of Survey:	8/23/1980
Surveyed By:	John West

https://wwwapps.emnrd.state.nm.us/OCD/OCDPermitting/Report/C102/C102Report.aspx... 10/21/2016

Page 1 of 1

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Form C-102 August 1, 2011 Permit 227736

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Nun	nber		2. Pool Code 7607	9		3. Pool			MOUND;MOR	ROW (GAS)			
4. Property	Code 9576		5. Property Name TOLE	S FEDERAL		6. Well	No. 001						
7. OGRID	7. OGRID No. 8. Operator Name 18917 READ & STEVE				NC	9. Elevi	9. Elevation 3518						
					10.	Surface Locatio	n						
UL - Lot	Section	34	Township 15S	Range 27E	Lot Idn	Feet From 660	N/S Line	s	Feet From 1980	E/W Line E	County	CHAVES	

					11. Bottom	Hole Loca	ation if Differe	nt From a	ur	Tace			
UL - Lot	Section		Township		Range	Lot Idn	Feet From	N/S Line		Feet From	E/W Line	County	
0		34		15S	27E		660		S	1980	E		CHAVES
12. Dedicated	i Acres 20.00				13. Joint or Infill		14. Consolidatio	n Code			15. 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

OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. E-Signed By: Title: Date: 11-11-2016
SURVEYOR CERTIFICATION 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.
Surveyed By: John West
Date of Survey: 8/23/1980 Certificate Number: 676

Exhibit To NMOC Form C-107A – Application For Downhole Commingling

Read and Stevens, Inc.

Toles Federal #1

API # 30-005-60782 660' FSL & 1980' FEL Section 34 T155 – R27E Latitude 32.9669075 & Longitude 104.2210312 Chaves County, New Mexico

Explanation for Attachments under "Additional Data" on the C-107A:

A C-102 has been attached for each of the zones that it is proposed to produce on the C-107.

A production curve for the Morrow formation is included with the attached reserve report. The proposed zones in the Pennsylvanian and Strawn do not have a production curves since they have not been completed or produced as of this date. However, the decline curve does include projected future production from all the zones that are being proposed to commingle.

The attached reserve report prepared by Garry Ward includes reserve estimates for the proposed completion in the Pennsylvanian and the existing and proposed completion in the Morrow. Reserves were not allocated to the Strawn Formation since there is only one foot that is proposed to be completed in that particular formation.

No allocation formula is required since the Royalty owners are the same with the same percentage of interest in the existing formation and all the formations that are being proposed to commingle.

As stated above, the Royalty owners are the same, with the same percentage of interest in the existing producing formation and formation that are being proposed to commingle. Therefore a notification list should not be required.

The additional supporting documents that are being submitted with this application include a recent reserve study, inclusive of a decline curve, projected recoveries, and remaining reserves in place. The report breaks the reserves into proved and probable reserves categories. The report also contains a historical production plot, together with forecasted production. Submitted By:

Matt Bm

Matt Murphy Agent & Consultant Read and Stevens, Inc. Date: November 14, 2016

			Componen							
				Read & Stevens						ound Morrow
_		V		Toles Federal #1				TD (MD/TVD):		
eral				Chavez		_		Elevation:	3518' GL & K	(B
General				New Mexico			Lat	itude & longitude:	32.9669075	,-104.2210312 NAD83
Ö			PI Number:	30-005-60782		_	Section	n-Township-Range	Sec 34 T155-	R27E
	Direction	5:						Surface Location:	34-15S-27E	660' FSL & 1980' FEL
							Bott	om Hole Location:	34-15S-27E	660' FSL & 1980' FEL
For	mation	1	Depth	Casing Prof	Hole	Casing	Specificaitons		Cement	ling
		Notes	TVD		Size		, opecilie and its	Halco Lite ement w/		•
					17 1/2"		13" 3/8	& 1/4# flocele per st	x. Followed w	200sx Class
	13 3/8" C	asing @	383'		1	48# H	-40, S. T. & C	C w/2% CaCl2 &1/4	# flocele per s	sx. Cement circulated
Rustler	r Anhydrite	550 sks	Circ to Surface							
		_					8 5/8"	Cemented w/100 s	Halco Lite cer	ment w/8# gulstonite
					11"	24#,	J-55, S.T.&C	&1/4# flocele per sx	E .	
								Follwed w/200sx Cla	ass "H" ceme	ent w/2% CaCl2
	8 5/8th" C	asing @ :	1730'							
		300 sks		41						
	_	360 383								
					7 7/8"	4	1/2" 11.6#			
		TOC @	5250' by WL							
lolfrom	np (estimate)						1			
roijuun	ip (esumate)		6525							
						1				
					7 7/8"		1/2" 11.6#			
Propose	ed Penn Perf	PENN	7640-7649"		1 110	*	1/2 11.0#	Gas show on mudlog.	sample shows	indicate abundant fossils an
roposer	Strawn Perf	Strawn	8214'							
Propose	d Atoko Perf	Atoka	8695.5-8699	STOL STOL	No. of Contraction			Gas show on mudlog.	sample descrip	ptions imply oblitic rock
xisting	Morrow Perfs		8720-8732							
		-	(w/2JSPF)					24 Holes		
_			(W/23PP)							
					7 7/8"	4	1/2" 11.6#			
								1.		
	4 1/2" Ca	sing @ 8	988'					101		
			PBTD= 8943							
				and entries to prove	when or said an	00000	formations If	not automated at a	and observer	
	Objective	Repair	casing leak	ind return to produ	icaon, or perf pro	possed	jormations, if	not succsesfull plug o	and abandon	
22	The well h	olds 320	0 acre Feder	al Lease						
nent	Cummula	tive prod	duction 4.61	2 BCFG, 10,595 BO,	& 671 BW					
Comments								1.18		
0						-		111111177		
	-									

Garry Ward

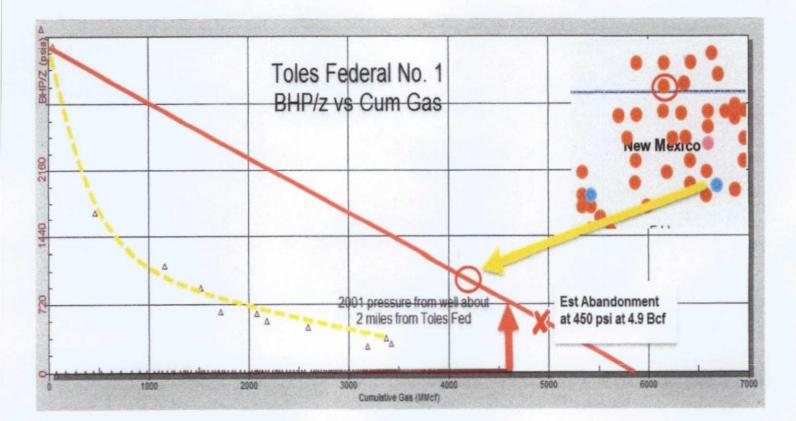
To: Subject: Garry Ward Toles Federal #1 - Read and Stevens, Inc.

Reserve Conclusions

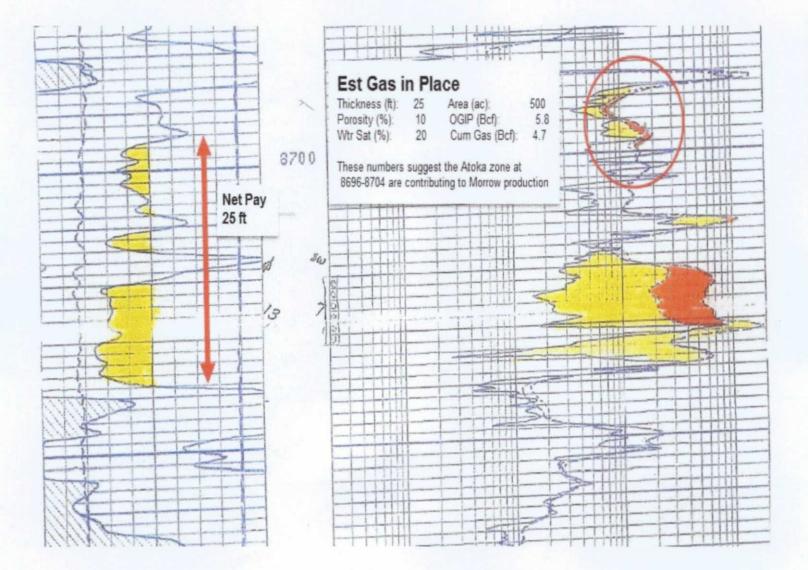
I have reviewed what I could in regard to the Toles Federal No.1. Based on my review I have assigned proved reserves of 180 MMcf to the Morrow and 175 MMcf probable reserves to the uphole Penn formation. Based on a workover cost of 161M\$ and an initial rate of about 4000 Mcfpm this work should yield a rate of return of about +50% over a 2 year period. Gas price was initially set at \$3.00 per MMbtu and escalated at 5% after one year. Operating expenses were set at \$2000 per month and escalated at 5%

Morrow Formation

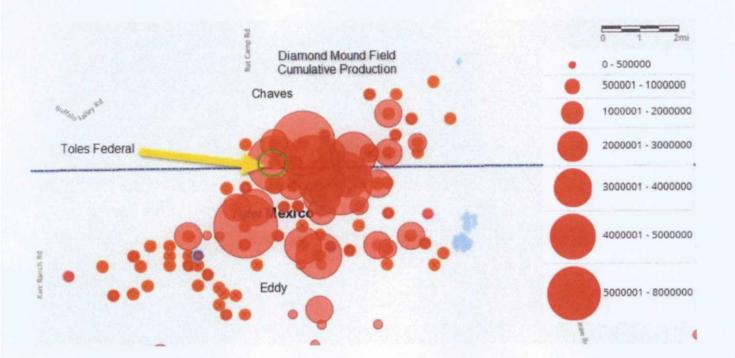
I did not find any information in regard to flowing well history. The only data that had any flowing data was the initial reported test of 23 MMcfpd with 1725 psi flowing pressure. Given that simple data and a reservoir pressure of 3250 psi, the permeability of this wellbore would be about 10 mD. That permeability appears to be high given the production history of the field. It also does not agree with the curved plot of the BHP/z plot below. Without additional flowing data it would be difficult to make a determination about the condition of the well in terms of skin. The cumulative production from the well has been about 4.7 Bcf. Based on an abandonment pressure of 450 psi it appears that proved reserves of about 200 MMcf are reasonable. Using a risk factor of 90% yields adjusted proved reserves of 180 MMcf. Acidizing the well should improve the flow rate, but fluid buildup in the wellbore will continue to be a problem due to liquid loading



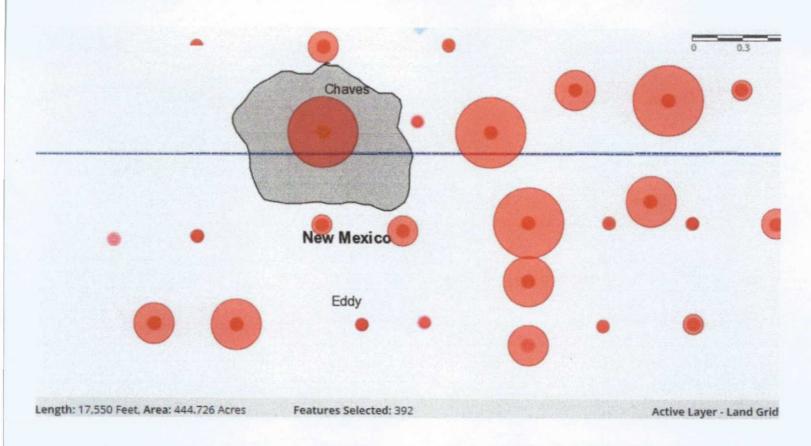
The cumulative production from the Morrow formation has been about 4.7 Bcf as of October 2016. Based on the log characteristics and the gas in place from the BHP/z plot above it would appear that this well is producing from an area of about +/- 500 acres. This potentially large area would suggest the permeability to be +5 mD, although more work would be need to verify this comment. The cumulative production map below show how this type of production is possible.



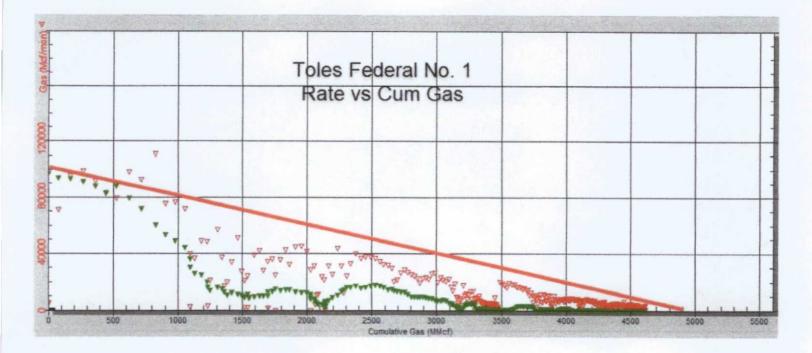
Map of cumulative production (Mcf) from the Diamond Mound Field as of October 2016. Clearly the area around the Toles Federal is a highly fractured area with communicating fractures in multiple directions



This map shows the approximate drainage area of the Toles Federal No. 1. Shown is an area of 455 acres, but could be even larger with no competitive wells to the west and limited production north and south.



The rate vs cum production plot below show that for a good amount of time this well has been underperforming its potential. This would give further evidence of wellbore damage. There is some room for improved production, but not a lot.

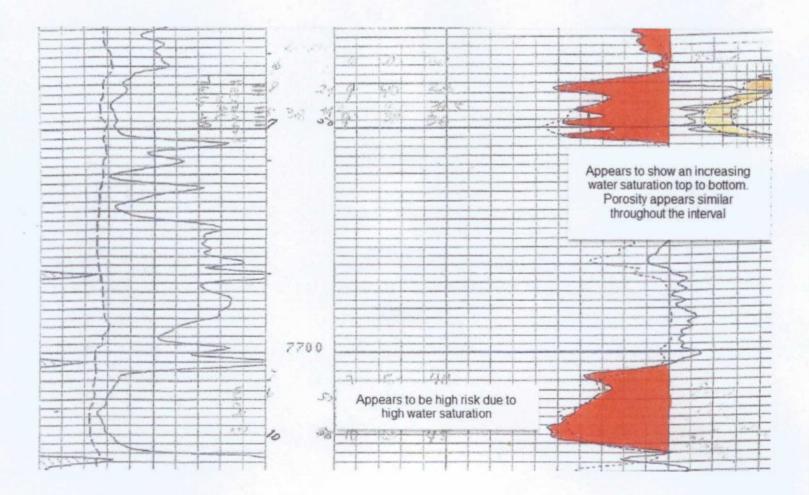


Atoka Formation (8695-8710)

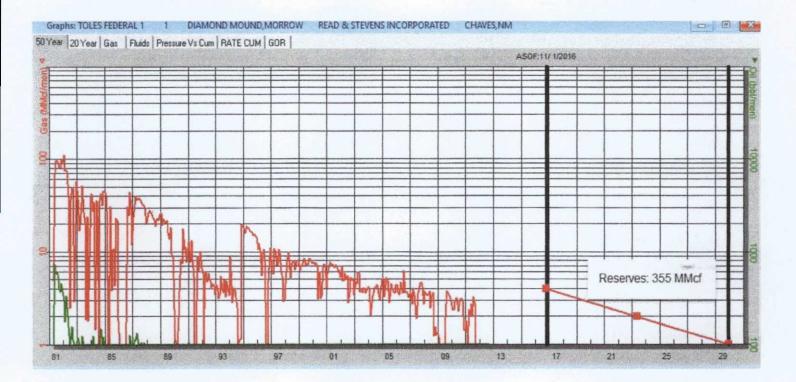
Based on the data from the Morrow formation and log shown above, it is probably true that whatever reserves there were in the upper Atoka are already in communication with the lower Morrow formation.

Pennsylvanian Formation (7645-7655)

Based on a review of 282 completions in the Penn formation there were 86 wells with cumulative production less than 50 MMcf this represents 35% of all Penn completions. In the interval from 50-400 MMcf there were 70 completions for 24%. This leaves 44% of wells completed in the Penn greater than 400 MMcf. Based on these rough numbers it is estimated that the volumetric recovery from this interval could be as much as 350 MMcf of probable reserves. Assuming a 75% recovery rate, this is a gas in place number of 470 MMcf. Volumetrically 10 ft, 160 acres, 40% water saturation and 9% porosity would yield 500 MMcf in place. Because the zone has not been tested a risk factor of 50% as used to determine the adjusted probable reserve of 175 MMcf.



Historical Production Plot with Forecast



McMillan, Michael, EMNRD

From: Sent: To: Subject: Matt Murphy <conquestenergy@gmail.com> Thursday, November 17, 2016 12:50 PM McMillan, Michael, EMNRD Re: Revised C-107A - Toles Federal #1

Yes. I can send you copy of master log (that section) in a couple of minutes.

On Thu, Nov 17, 2016 at 12:48 PM, McMillan, Michael, EMNRD <<u>Michael.McMillan@state.nm.us</u>> wrote:

So it is based on well log analysis?

From: Matt Murphy [mailto:<u>conquestenergy@gmail.com]</u> Sent: Thursday, November 17, 2016 12:47 PM To: McMillan, Michael, EMNRD <<u>Michael.McMillan@state.nm.us</u>> Subject: Re: Revised C-107A - Toles Federal #1

It is just a rough estimate. There is only 1' of proposed pay. If needed we do not need to perforate it.

On Thu, Nov 17, 2016 at 12:45 PM, McMillan, Michael, EMNRD <<u>Michael.McMillan@state.nm.us</u>> wrote:

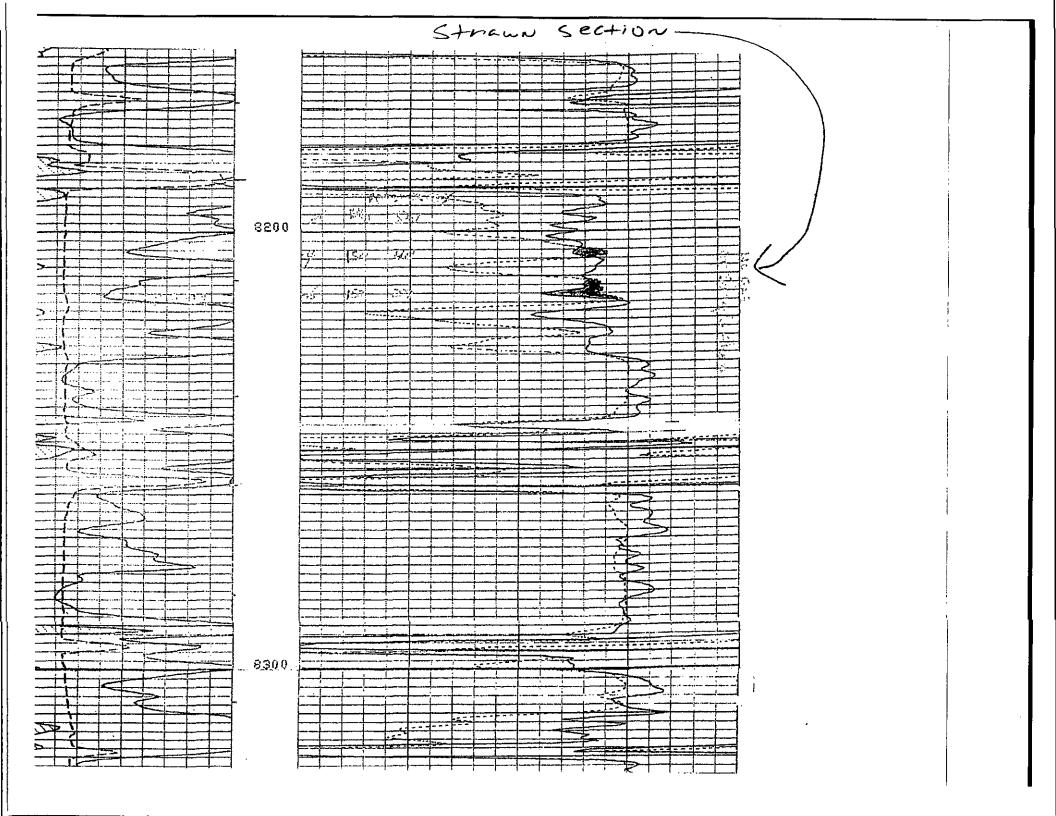
How did you get the reserves for the Strawn?

From: Matt Murphy [mailto:<u>conquestenergy@gmail.com]</u> Sent: Thursday, November 17, 2016 12:04 PM To: McMillan, Michael, EMNRD <<u>Michael.McMillan@state.nm.us</u>> Subject: Revised C-107A - Toles Federal #1

Mike,

I attached the revised C-107. Please let me know if it meets your approval or if it requires further revisions.

Thanks,



McMillan, Michael, EMNRD

From: Sent: To: Subject: Matt Murphy <conquestenergy@gmail.com> Wednesday, November 16, 2016 9:38 AM McMillan, Michael, EMNRD Re: Read and Stevens Toles Federal Well No. 1 Administrative

Mike,

Please read the statement below from Garry Ward in regards to Morrow/Atoka reserves and etc. Do you need a revised report from him? Or will this statement be acceptable? I will forward you the revised C-107 and add the C-102 for the Atoka, asap. Thanks.

Best regards,

Matt Murphy

Reserve Conclusions Revised (Nov. 16,2016)

I make reference to my earlier report to you regarding reserves attributable to the Atoka and Morrow formations. Based on the results of that study I had concluded that the Atoka and Morrow formations are most likely both contributing the production of the Toles Federal No. 1. In my previous report, I attributed reserves to the Morrow/Atoka at 180 MMcf. Given that the Morrow appears to have better log characteristics than the Atoka and given that a review of Atoka in the surrounding area has proven to be less prolific than production attributed to the Morrow zone by itself, reserves would be split based solely on net feet of pay calculated from the open hole log. It appears that the Morrow net pay would be 15 ft out of the 25 ft used in the volumetric calculations. Therefore, based on this simple formula Morrow reserves would be 108 MMcf and Atoka reserves would be 72 MMcf.

There was some question as to current reservoir pressure. Although this cannot be determined directly from the limited data available from this well alone, the offset wells showed the pressure to be about 800 psi in 2001. Additional depletion, based on production from the Toles Federal No. 1 and other wells, appears to have move the reservoir pressure from 800 psi down to about 700 psi today. It is based on this observation that reserves have been assigned to the Morrow/Atoka formations for this well.

Thanks

Garry Ward

6030 Spring Oak Hollow

Spring, Texas

713-992-1336

On Tue, Nov 15, 2016 at 12:18 PM, McMillan, Michael, EMNRD < Michael.McMillan@state.nm.us> wrote:

Matt:

The OCD will require the following information. The OCD will require a signed statement from a landman stating identical ownership.

Next, your application states that the Atoka is in communication with the Morrow; therefore you must include the Atoka in your application. You will need a C-102 for the Atoka in your application. Include another C-107A that has new allocation percentages and all of the pools

As a practical procedure, if the different zones have identical ownership, then the decimal allocation percentages are not required, as an example round the Pennsylvanian to 51%.

Also, you state the reservoir pressure is 3000 psi; however, it has produced 4.7 Bcf. If I am reading your plot correctly, the reservoir pressure is 720 psi.

How long have you lived in Roswell-I think I went to Goddard with you-I have lived in Albuquerque for 11 years.

Tell Rory I said hello

MICHAEL A. MCMILLAN

Engineering Bureau, Oil Conservation Division

1220 south St. Francis Dr., Santa Fe NM 87505

O; 505.476.3448

Michael.McMillan@state.nm.us

ł

ļ.

--

Matt Murphy President & CEO Conquest Energy Services (International), Ltd. Post Office Box 1561 Roswell, NM (USA) 88202-1561 <u>720-468-3646</u>

J

Page 1 of 1

Form C-102 August 1, 2011 Permit 227736

District I

1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool Name
30-005-60782	76060	DIAMOND MOUND;ATOKA (GAS)
4. Property Code	5. Property Name	6. Well No.
9576	TOLES FEDERAL	001
7. OGRID No.	8. Operator Name	9. Elevation
18917	READ & STEVENS INC	3518
	10. Su	face Location

UL-Lot O	Section	34	Township 15S	Range 278	Lot Idn	Feet From 660	N/S Line S	Feet From 1980	E/W Line E	County	CHAVES
			and the second	Strange and Strange	E GENERAL						

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicate	d Acres		13. Joint or	Infill	14. Consolida	ation Code		15. 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

OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. E-Signed By, E-Signed By, E-Signed Table,
Surveyed By: John West
Date of Survey: 8/23/1980
Certificate Number: 676

READ & STEVENS, INC.

Mailing address P. O. Box 1518 Roswell, New Mexico 88202 OIL PRODUCERS 400 Penn Plaza, Suite 1000 Roswell, New Mexico 88201

Phone: 575/622-3770 Fax: 575/622-8643

November 16, 2016

Energy, Minerals and Natural Resources Department Attn: Michael McMillan 1220 South St. Francis Drive Santa Fe, NM 87505

RE: Toles Federal #1 – C-107 Attestation Section 34-T15S-R27E Chaves County, New Mexico

Mr. McMillan:

1

After a review of our records we have determined that ownership within the captioned wellbore is identical from the surface of the Earth to 9,000 feet, which represents total vertical depth of this wellbore. All zones proposed to be commingled are presently penetrated by the wellbore; there will be no deepening operations. Thus, upon information and belief, Read & Stevens, Inc. attests and confirms the identical ownership within all zones identified in the attendant Application for Downhole Commingling.

Regards,

Derik Smith Landman 575.624.3751 direct 316.214.5299 cell 575.625.0279 fax dsmith@read-stevens.com