Form 3160-5 (March 2012)

# **UNITED STATES** DEPARTMENT OF THE INTERIOR

FORM APPROVED

OMB No. 1004-0137 Expires: October 31, 2014

BURE	AU OF LAND MAN	AGEMENT	1 0 2045	5. Lease Serial No. NMLC-0032096B	
บบ แบเ นรษ แแร เบ	บบบ คุมบคบอลเอ เ	ORTS ON WELLS JUN to drill or to re-enter ar PD) for such proposal	,	6. If Indian, Allottee or	r Tribe Name
SUBMIT	IN TRIPLICATE - Other	instructions on page 2.		7. If Unit of CA/Agree	ement, Name and/or No.
Type of Well  Oil Well  Gas We	ll Other			8. Well Name and No. Lockhart B 12 #12 &	3 #13 (24428)
Name of Operator Apache Corporation (873)				9. API Well No. 30-025-40478 & 30-	025-40479
a. Address 03 Veterans Airpark Lane, Suite 3000 fidland, TX 79705		3b. Phone No. (include area co 432/818-1062	de)	10. Field and Pool or E BliO&G(O)/TubbO&0	Exploratory Area G(O)/Drinkard/Wanzt; Abo
Location of Well (Footage, Sec., T.,R.) L's A & H Sec 12 T21S R37E	,M., or Survey Description	)		11. County or Parish, S Lea County, NM	State
12. CHECK	THE APPROPRIATE BO	OX(ES) TO INDICATE NATUR	E OF NOTIC	CE, REPORT OR OTHI	ER DATA
TYPE OF SUBMISSION		TY	PE OF ACT	ION .	
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat		uction (Start/Resume) mation	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	=	mplete oorarily Abandon	Other Surface Commingle
Final Abandonment Notice	Convert to Injection	Plug Back		r Disposal	
3. Describe Proposed or Completed Ope the proposal is to deepen directional. Attach the Bond under which the wo following completion of the involve testing has been completed. Final A determined that the site is ready for	ly or recomplete horizontal ork will be performed or pro d operations. If the operati bandonment Notices must	ly, give subsurface locations and ovide the Bond No. on file with I on results in a multiple completion	measured and BLM/BIA. Room or recomp	d true vertical depths of equired subsequent rep letion in a new interval,	f all pertinent markers and zones. Forts must be filed within 30 days a Form 3160-4 must be filed once
Anache would like to commingle at th	e surface all production:	from the Lockhart B-12 #12 &	Lockhart B	.12 #13 Please see	supporting data for OCD

Apache would like to common Commingling Application.

PC-1252

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	ese wells ARE ON THE Same lease	_
Reesa Holland	Title Sr. Staff Reg Tech	
Signature Klosa Holland	Date 01/21/2013	
THIS SPACE FOR F	EDERAL OR STATE OFFICE USE	
Approved by DDW Attorba	Title 50E7 Date 5/30/13	Britann
Conditions of approval, if any, are attached. Approval of this notice does not warre that the applicant holds legal or equitable title to those rights in the subject lease when the applicant to conduct operations thereon.		,

`					
DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.

ABOVE THIS LINE FOR DIVISION USE ONLY

#### NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



HOBBS OCD

JUN 18 2013

## administrative application checklist

RECEIVED

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE **Application Acronyms:** [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response] [1] **TYPE OF APPLICATION - Check Those Which Apply for [A]** Location - Spacing Unit - Simultaneous Dedication [A]NSL NSP SD Check One Only for [B] or [C] Commingling - Storage - Measurement [B] ☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM [C]Injection - Disposal - Pressure Increase - Enhanced Oil Recovery ☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR [D]Other: Specify NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply [2] Working, Royalty or Overriding Royalty Interest Owners [A][B] Offset Operators, Leaseholders or Surface Owner [C]Application is One Which Requires Published Legal Notice [D]Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office [E]For all of the above, Proof of Notification or Publication is Attached, and/or, [F] Waivers are Attached [3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE. **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division. Note: Statement must be completed by an individual with managerial and/or supervisory capacity. REESA HOLLAND Print or Type Name Date

Reesa.Holland@apachecorp.com

e-mail Address

District I

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

Form C-107-B Revised August 1, 2011

## OIL CONSERVATION DIVISION

1220 S. St Francis Drive Santa Fe, New Mexico 87505 Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

	TION FOR SURFAC	CE COMMINGLIN	G (DIVERSE	OWNERSHIP)	
OPERATOR NAME:	Apache Corporation				
OPERATOR ADDRESS:	303 Veterans Airpark Lane	Midland TX 79705			
APPLICATION TYPE:				RT B-12 #12 & #13	
☑ Pool Commingling ☐ Lease	Commingling Pool and Leas	se Commingling  Off-Leas	e Storage and Measu	rement (Only if not Surfac	e Commingled)
LEASE TYPE:		Federal			
Is this an Amendment to exis	ting Order? Yes No	If "Yes", please include	the appropriate	Order No.	
Have the Bureau of Land Ma	nagement (BLM) and State	Land office (SLO) been n	otified in writing	of the proposed comm	ınglıng
MICS LINO	(4) 1	POOL COMMINCI II	NC		
		POOL COMMINGLII sheets with the following			
(1) Pool Names and Codes	Gravities / BTU o Non-Commingled Production			Calculated Value of Commingled Production	Volumes
Blinebry Oil & Gas (Oil) (666	0)				See
Tubb Oil & Gas (Oil) (60240)	·			1	Well
Drinkard (19190)				1	Tests
Wantz; Abo (62700)				1	Attached
				1	
(5) Will commingling decrease	e the value of production?				
		LEASE COMMINGLI			
(1) P 131 10.1	Please attach	sheets with the following	information		· · · · · · · · · · · · · · · · · · ·
<ol> <li>Pool Name and Code.</li> <li>Is all production from same</li> </ol>	e source of supply?  Yes	□No			
	notified by certified mail of the		□Yes □1	No	
(4) Measurement type: ☐Me	etering				
		and LEASE COMMI			
(1) Complete Sections A and I		sheets with the following	information	<del></del>	
,,					
		E STORAGE and ME		1	
(1) T 11 1 1 2		sheets with the followin	g information		
<ol> <li>Is all production from same</li> <li>Include proof of notice to a</li> </ol>		∐No			
(-) Metade proof of notion to					
	(E) ADDITIONAL II  Please attach	NFORMATION (for a sheets with the following		ypes)	
`,	cility, including legal location.				
• •	es showing all well and facility Vell Numbers, and API Number		bers if Federal or S	tate lands are involved.	
X1 1 (C 1 A)	ion alternation and commission	to the best of my knowledge	and belief.		
I hereby certify that the informat	ion above is true and complete				
1).	ion anove is true and complete			DATE.	/21/2012
SIGNATURE: COSC	Hand	TITLE: Sr Staff Regul	atory Tech		
1).	REESA HOLLAND		atory Tech	DATE:1	

# SURFACE COMMINGLE LIST OF WELLS

Lockhart B-12 #12	30-025-40478	UL A Sec 12 T21S R37E 415' FNL & 660' FEL	6660 Blinebry Oil & Gas (Oil) 60240 Tubb Oil & Gas (Oil) 19190 Drinkard 62700 Wantz; Abo	DHC-507
Lockhart B-12 #13	30-025-40479	UL H Sec 12 T21S R37E 1980' FNL & 660' FEL	6660 Blinebry Oil & Gas (Oil) 60240 Tubb Oil & Gas (Oil) 19190 Drinkard 62700 Wantz; Abo	Pending DHC Approval NOI Submitted 10/23/2012

1625 N. French Dr., Hobbs, NM 68240 0 6 2012

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised July 16, 2010

DISTRICT II

DISTRICT II
1501 W. Grand Avenue. Artesie, NM 88210
RECEIVED II.

CONSERVATION DIVISION

Submit one copy to appropriate District Office

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

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

DISTRICT IV

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

30-02	15-40	478		62700 WANTE, ABO						
Property 244						Property Name Well N CKHART B-12 O12				
	OGRID No. Operator Name APACHE CORPORATION								Elevation 3531	
					Surface Loc	ation				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
<u> </u>	_12	21 S	37 E	7 E 415 NORTH 660					LEA	
			Bottom	Hole Loc	cation If Diffe	erent From Sur	face			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	

Dedicated Acres Joint or Infill Consolidation Code 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

SURRACE LOCATION Lot - N 3272'958.95" Long - W 103705'36.89" NMSPCE E 918421.86 (NAD-8)  Lot - N 3272'55.16' Long - W 103705'35.91' NMSPCE E 9784791.380  Lot - N 3272'55.16' Long - W 103705'35.19' NMSPCE E 877237.972  (NAD-27)  Signature  Date  Let - N 3272'56.16' Long - W 103705'35.19' NMSPCE E 877237.972  (NAD-27)  Lot - N 3272'56.16' Long - W 103705'35.19' NMSPCE E 877237.972  (NAD-27)  Lot - N 3272'56.16' Long - W 103705'35.19' NMSPCE E 877237.972  (NAD-27)  Lot - N 3272'56.16' Long - W 103705'35.19' NMSPCE E 877237.972  Lot - N 3272'56.16' Long - W 103706'35.19' NMSPCE E 877237.972  Lot - N 3272'56.16' Long - W 103706'35.19' NMSPCE E 877237.972  Lot - N 3272'56.16' Long - W 103706'35.19' NMSPCE E 877237.972  Lot - N 3272'56.16' Long - W 103706'35.19' NMSPCE E 877237.972  Lot - N 3272'56.16' Long - W 103706'35.19' NMSPCE - STATE - W 103706'36.19' NMSPCE - STATE - W 103706'36

ECG 11-8-2012

DISTRICT I 1625 N. French Dr., Hobbs, NM 88240 DISTRICT II 1301 W. Grand Avenue, Artesia, NM 88210

1000 Rio Brazos Rd., Aztec, NM 87410

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

DISTRICT III

DISTRICT IV

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised July 16, 2010

Submit one copy to appropriate District Office

#### OIL CONSERVATION DIVISION

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

Santa Fe, New Mexico 87505

☐ AMENDED REPORT

30-025-40479	Pool Code 62700	WANTZ; ABO
Property Code 24434	Property N LOCKHART	
OGRID No. 873	Operator N APACHE CORF	1

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Н	12	21 S	37 E		1980	NORTH	660	EAST	LEA

#### Bottom Hole Location If Different From Surface

			Doctom	TIOLG TO					
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	r Infill   Co	onsolidation (	Code Or	der 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

NMSPCE N 546085.78	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 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 heretofors entered by the division.    Alla   Deland   18/12

# Well Test History Report

Select By: Field

Display: All well tests between 10/01/2012 - 01/19/2013

Test	Effective	Measured	Туре			24 Hour Volume	25			<u> </u>	Ratios			Fluid
Date	Date	Hours	1,110	Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	Level
Field: EUNICI	E AREA		-			<u> </u>								
LOCKHART	B-12 #12													
10/2/2012	10/2/2012	24	Α	152	152	91	0	0	599	599	0	0	599	
10/3/2012	10/3/2012	24	Α	204 .	197	154	7	. 0	782	755	0	0	755	
10/4/2012	.10/4/2012	24	Α	237	221	188	16	0	851	793	0	0	793	
10/5/2012	10/5/2012	24	Α	245	231	221	14	0	957	902	0	0	902	
10/6/2012	10/6/2012	24	Α	175	175	230	0	0	1,314	1,314	0	0	1,314	
10/7/2012	10/7/2012	24	Α	217	217	219	0	0	1,009	1,009	0	0	1,009	
10/8/2012	10/8/2012	24	Α	168	168	214	0	0	1,274	1,274	0	0	1,274	
10/9/2012	10/9/2012	24	Α	128	120	203	8	0	1,692	1,586	0	0	1,586	
10/10/2012	10/10/2012	24	Α	187	184	202	3	0	1,098	1,080	0	0	1,080	
10/11/2012	10/11/2012	24	Α	143	124	172	. 19	0	1,387	1,203	0	0 -	1,203	
10/12/2012	10/12/2012	24	Α	150	141	171	9	0	1,213	1,140	0	0	1,140	
10/13/2012	10/13/2012	24	Α	120	112	183	8	0	1,634	1,525	0	0	1,525	
10/15/2012	10/15/2012	24	A	118	112	149	6	0	1,330	1,263	0	0	1,263	
10/16/2012	10/16/2012	24	A	108	106	133	2	0	1,255	1,231	0	. 0	1,231	
10/23/2012	10/23/2012	24	A	92	86	97	6	0	1,128	1,054	0	0	1,054	
10/24/2012	10/24/2012	24	A	84	84	93	0	0	1,107	1,107	0	0	1,107	
10/25/2012	10/25/2012	24	A	62	51	72	11	0	1,412	1,161	0	0	1,161	
10/26/2012	10/26/2012	- 24	A	39	39	71	0	0	1,821	1,821	0	0	1,821	
10/28/2012	10/28/2012	24	A	33	33	59	0	0	1,788	1,788	0	0	1,788	
11/28/2012	11/28/2012	24	A	23	23	34	0	0	1,478	1,478	0	0	1,478	
	11/29/2012		A	19	19	31	0	0	1,632	1,632	0	. 0	1,632	
12/23/2012	12/23/2012	24	A	135	22	45	. 113	0	2,045	333	0	0	333	
Averages by C			••	129	119	138	10	0	,	•				
LOCKHART	B-12 #13						*		<del>-</del>					
10/30/2012	10/30/2012	24	Α	433	143	30	290	0	210	. 69	0	0	69	
	10/31/2012		A		25	233	30	0	9,320	4,236	0	0	4,236	
11/1/2012			A		111	265	30	0	2,387	1,879	0	0	1,879	4
11/2/2012			A		241	172	58	0	714	575	0	0	575	,,
11/3/2012			A	158	69	170	89	ō	2,464	1,076	0	. 0	1,076	
11/4/2012			A	219	186	134	33	0	720	612	0	0	612	
11/5/2012			A	138	138	131	0	0	949	949	0 ·	0	949	
11/7/2012			A A	162	140	149	22	0	1,064	920	0	0	920	
11/9/2012			A A		140	149	15	0	1,327	1,164	0	0	1,164	
	11/9/2012			126	107	139	17	0	1,275	1,104	0	0	1,104	
11/11/2012	11/11/2012	24	A	128	116	134	12	0	1,155	1,047	0	0	1,103	
-1/11/2012	11/11/2012	24	Α	120	110	134	14	V	, 1,133	1,041	v	v	1,047;	

<sup>\*\*</sup> All values are recorded using imperial units.

## Well Test History Report

Select By: Field

**Display:** All well tests between 10/01/2012 - 01/19/2013

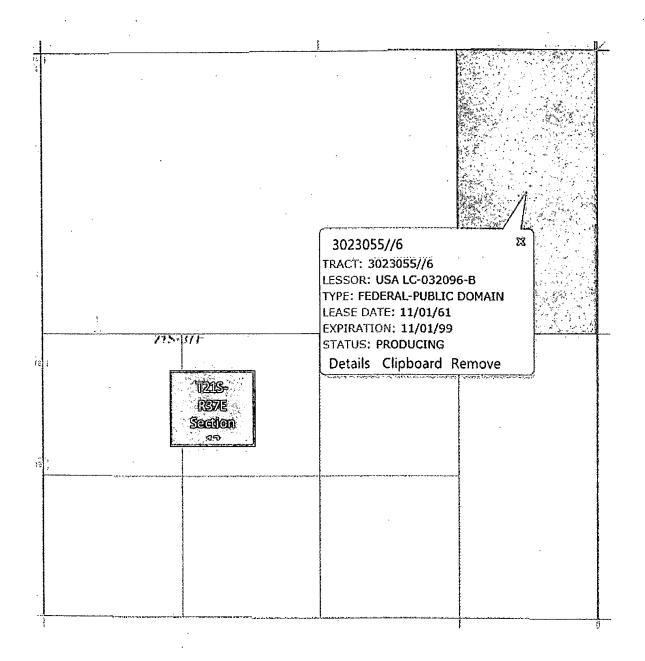
Test Date	Effective Date	Measured Hours	Туре	24 Hour Volumes					Ratios					Fluid
				Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	Level
Field: EUNICE	AREA			<u>-</u> <u>-</u>		<del> </del>	· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·				
LOCKHART	B-12 #13													
11/12/2012	11/12/2012	24	Α	120	112	125	8	0	1,116	1,042	0	0	1,042	
11/13/2012	11/13/2012	24	A	122	116	122	6	0	1,052	1,000	0	0	1,000	
11/14/2012	11/14/2012	24	A	120	114	120	6	0	1,053	1,000	0	0	1,000	
11/15/2012	11/15/2012	24	A	115	107	118	8	0	1,103	1,026	0	0	1,026	
11/16/2012	11/16/2012	24	A	124	115	116	9	0	1,009	935	0	0	935	
11/18/2012	11/18/2012	24	A	112	104	111	. 8	0	1,067	991	0	0	991	
11/21/2012	11/21/2012	24	A	87	81	110	6	0	1,358	1,264	. 0	0	1,264	
12/7/2012	12/7/2012	24	A	53	53	47	0	0	887	887	0	0	887	
Averages by Completion			149	115	135	34	0							

CORR GRAV = 41.7

<sup>\*\*</sup> All values are recorded using imperial units.

Valves \$1, \$2, at 11 will be open during oil sales, sealed closed during production.
Valves \$3, \$4 white sealed open and closed as needed for trank switch
Valves \$5, \$6 will be sealed open for circulation.
Valves \$7,\$8 \$4, \$40, will be closed unless needed to clean tanks

MYALVE:



415 FNL + 660' FEL A-12-T215-R37E LEA CO, NM NML 0032096B



January 21, 2013

State of New Mexico OIL CONSERVATION DIVISION 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re:

Application for Surface Commingling (Identical Ownership)

Township 21 South, Range 37 East

Section 12: SW/4 Lea County, NM

#### Ladies and Gentlemen:

The ownership (working, royalty and overriding royalty owners) between the Lockhart B-12 #12 and Lockhart B-12 #13 are identical. The aforementioned wells are located on the Lockhart B-12 lease (a federal lease) covering the following described lands:

## Township 21 South, Range 37 East Section 12: E/2 NE/4, Lea County, NM

Attached you will find a letter executed by Chevron USA, Inc. ("Chevron"), the only other working interest owner to this lease, whereby Chevron agrees to our previously filed and approved downhole commingling applications, and the allocations detailed therein, for the two wells referenced above. Thererefore, the two wells in question have indentical ownership from the surface to 100' below the base of the Abo formation. A listing of existing and potential wells is included herewith, along with a plat depicting the boundaries of the lease.

If you have any question regarding the aforementioned, please do not hesitate contacting the undersigned at (432) 818-1097.

Sincerely,

APACHE CORPORATION

D∲lan C. Park Landman

(432) 818-1197 Fax

dylan.park@apachecorp.com



January 10, 2013

Chevron USA Inc. Mr. J.M. Jeff Wolivar NOJV Manager

Houston, TX 77002

RECEIVED

JAN 1 5 2013

CHEVRON NOJV GROUP

Re: Downhole Commingling Lockhart B-12 #12 and #13

1400 Smith Street, Office 43-168

Section 12, Township 21 South, Range 37 East

Lea County, New Mexico

Dear Mr. Wolivar:

As you know Apache drilled the above two referenced wells under that certain Term Assignment between Chevron U.S.A. Inc. ("Chevron") and Apache Corporation ("Apache") dated October 1, 2009, as amended (the "TA"). The TA effectively gave apache 100% WI through the Abo formation with Chevron retaining an ORRI from surface through the Abo save and except the Blinebry, which Apache already held at 100% WI.

Downhole Commingling applications have been filed and approved for both wells, see attached. However, since the ORRI interests vary between the Blinebry and remaining formations, Apache is requesting that Chevron approve the attached applications and allocations detailed therein. Please provide your approval in the space provided below and mail back to my attention in the enclosed, pre-paid envelope.

Your immediate attention is greatly appreciated and should you have any questions concerning this matter, please do not hesitate contacting the undersigned at (432) 818-1097.

Sincerely,

APACHE CORPORATION

Dylan C. Park Landman

(432) 818-1197 Fax

dylan.park@apachecorp.com

Chevren U.S.A. Inc. George Pritchard NOJV Engines

Yes, Chevron hereby approves of the downhole commingling applications and the allocations detailed therein, which have been filed and approved by the BLM for the above referenced wells

No, Chevron does not approve of the downhole commingling applications and the allocations detailed therein, which have been filed and approved by the BLM for the above referenced wells. Chevron will provide comments to Apache to create a mutually acceptable downhole commingling application for each well.