Well Name:       Pan American Federal Gas Com B 1E & B 2 wells       API: 30-045-24842 / 30-045-30231         Pool:       Aztec Pictured Cliffs/Basin Dakota/Basin Fruitland Coal       Pool Code: 71280/71599/71629         SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW       INDICATED BELOW         1)       TYPE OF APPLICATION: Check those which apply for [A]       A. Location – Spacing Unit – Simultaneous Dedication         NSL       NSP (PROJECT AREA)       NSP (PROJECT AREA)       NSP (PROJECT OR COLS         B.       Check one only for [1] or [1]       SD       PLC-562         B.       Check one only for [1] or [1]       II] Commingling – Storage – Measurement       DHC       CTB         DHC       CTB       PLC       PC       OLS       OLM         [11] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery       WFX       PMX       SWD       IPI         2)       NOTIFICATION REQUIRED TO: Check those which apply       FOR OCD ONLY       FOR OCD ONLY		219				Revised March 23, 2017
NEW MEXICO OIL CONSERVATION DIVISION - Geological & Engineering Bureau – 1220 South St. Francis Drive, Santa Fe, NM 87505         ADMINISTRATIVE APPLICATION CHECKLIST The CHECURENCE ADMINISTRATE PRICEINS FOR EXCEPTIONS TO DIVISION RULES AND EGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION RULES AND EGULATIONS WHICH REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW DIVE OF APPLICATION: Check those which apply for [A] A. Location - Spacing Unit - Simultane Coal SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION ID OF CITES PLC PC OLS OLM [I] Injection - Disposal - Pressure Increases - Enhanced Oil Recovery WFX PMX SWD PLPI EOR PPR NOTIFICATION REQUIRED TO: Check those which apply. A. Offset operators or lease holders B. B. Check one only for [1] EOR PPR Notification and/or concurrent approval by SLO E. Only the differention approval by BLM F. Surface owner G. For all of the above, proof of notification or publication is attached, and/or, H. No notice required Application requires published notice D. Notification and/or concurrent approval by BLM F. Surface owner G. For all of the above, proof of notification or publication is attached, and/or, H. No notice required Appli	RECEIVED: 03/26/201	REVIEWER: MAM	TYPE:	APP NO:	pMAM190	8551408
	THIS CHE	- Geological 1220 South St. Franc ADMINISTRATI	DIL CONSERV & Engineerin cis Drive, Sant VE APPLICAT	ATION DIVIS g Bureau – a Fe, NM 873	505 IST	N RULES AND
Weil Name:       Pan American Federal Gas Com B IE & B 2 wells       API:       30-045-24842 / 30-045-30231         Pool:       Aztec Pictured Cliffs/Basin Dakota/Basin Fruitland Coal       Pool Code:       71280/71599/71629         SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW       Pool Code:       71280/71599/71629         SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW       Pice of APPLICATION: Check those which apply for [A]         A. Location – Spacing Unit – Simultaneous Dedication		REGULATIONS WHICH REQUIRE	E PROCESSING AT TH	E DIVISION LEVEL IN S	SANTA FE	
Pool:       Aztec Pictured Cliffs/Basin Dakota/Basin Fruitland Coal       Pool Code:       71280/71599/71629         SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW       Pice of APPLICATION: Check those which apply for [A]         A. Location – Spacing Unit – Simultaneous Dedication [NSL]       INSP <sub>PROJECTATEAL</sub> INSP <sub>PROJECTATEAL</sub> Pice-562         B. Check one only for [1] or [1] [1] Commingling – Storage – Measurement [DHC]       ISD       Pice-562         B. Check one only for [1] or [1] [1] Commingling – Storage – Measurement [DHC]       ISD       Pice-562         B. Check one only for [1] or [1] [1] commingling – Storage – Measurement [DHC]       ISD       Pice-562         B. Check one only for [1] or [1] [1] commingling – Storage – Measurement [DHC]       ISD       Pice-562         B. Check one only for [1] or [1] [1] commingling – Storage – Measurement [DHC]       ISD       Pice-562         B. Check one only for [1] or [1] [2] NOTIFICATION REQUIRED TO: Check those which apply. A. Offset operators or lease holders B. Royalty, overriding royalty owners, revenue owners C. Application and/or concurrent approval by SLO E. Motification and/or concurrent approval by SLO E. Notification and/or concurrent approval by BLM F. Surface owner G. For all of the above, proof of notification or publication is attached, and/or, H. No notice required       Surface owner G. For all of the above, proof of notification or publication is attached, and/or, H. No notice required       Date         CentryLenc Meason, Operations/Regulator						
SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW         1) TYPE OF APPLICATION: Check those which apply for [A]         A. Location - Spacing Unit - Simultaneous Dedication NSL       NSP project AREA         B. Check one only for [1] or [11]       SD         [1] Commingling - Storage - Measurement DHC       PLC         DHC       CTB         WFX       PMX         SWD       IPI         E. Royalty, overriding royalty owners, revenue owners         C. Application requires published notice         D. Notification and/or concurrent approval by SLO         E. Notification and/or concurrent approval by BLM         F. Surface owner         G. For all of the above, proof of notification or publication is attached, and/or,         H. No notice required         3) 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.         Cherylene Weston, Operations/Regulatory Tech-Sr.         Print or Type Name       S05-564-0779         Mother       S05-564-0779         Phone Number       cweston@hilcorp.	Approximation of the second		Contraction of the local distance of the loc	and the second se	Manufacture of the local data in the	
INDICATED BELOW         1) TYPE OF APPLICATION: Check those which apply for [A]         A. Location – Spacing Unit – Simultaneous Dedication         NSL       NSP <sub>PROJECTATEA</sub> NSL       NSP <sub>PROJECTATEA</sub> B. Check one only for [1] or [1]         [1] Commingting – Storage – Measurement         DHC       DTB         WYX       PMX         NOTIFICATION REQUIRED TO: Check those which apply.         A       Offset operators or lease holders         B.       Royatly, overriding royatly owners, revenue owners         C       Application requires published notice         D       Notification and/or concurrent approval by SLO         Complete       Complete         F.       Surface owner         G.       For all of the above, proof of notification or publication is attached, and/or,         H.       No no	OOI: Aziec Pictured CI	IIIS/ Dasin Dakota/ Dasin Fruitia	ind Coal	P	ool Code:	/1280//1599//1629
A. Location – Spacing Unit – Simultaneous Dedication       PLC-562         B. Check one only for [1] or [11]       [1] Commingling – Storage – Measurement       DHC         DHC       CTR       PLC         [11] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery       WFX         [11] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery       POR OCD ONLY         [11] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery       Notification REQUIRED TO: Check those which apply.         A. Offset operators or lease holders       Notice Complete         B. Royalty, overriding royalty owners, revenue owners       Application         C. Application and/or concurrent approval by SLO       Content         C. Application and/or concurrent approval by BLM       Content         F. Surface owner       Sufface owner         G. For all of the above, proof of notification or publication is attached, and/or,         H. No notice required         Statement must be completed by an Individual with managerial and/or supervisory capacity.         B-AU-19         Date         Print or Type Name         Sufface former         Cherylene Weston, Operations/Regulatory Tech-Sr.         Print or Type Name       Sufface former         Sufface owner		11	NDICATED BELO	WC	ESS THE TY	PE OF APPLICATION
[1] Commingling – Storage – Measurement         DHC       CTB       PLC       PC       OLS       OLM         [II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery       WFX       PMX       SWD       IPI       EOR       PPR         2) NOTIFICATION REQUIRED TO: Check those which apply.       A.       Offset operators or lease holders       Notice Complete         B. @ Royalty, overriding royalty owners, revenue owners       C.       Application requires published notice       Application         D.       Notification and/or concurrent approval by SLO       Content       Complete         F. @ Notification and/or concurrent approval by BLM       F.       Surface owner         G.@ For all of the above, proof of notification or publication is attached, and/or,         H.       No notice required         3) 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 supervisor capacity.         3-2(2-19         Date         Mode         Stor564-0779         Phone Number	A. Location -	Spacing Unit – Simultane	eous Dedicatio	on in	□sd	PLC-562
3) <b>CERTIFICATION</b> : I hereby certify that the information submitted with this application for administrative approval is <b>accurate</b> and <b>complete</b> to the best of my knowledge. I also understand that <b>no action</b> 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. <u>Cherylene Weston, Operations/Regulatory Tech-Sr.</u> Print or Type Name <u>505-564-0779</u> Phone Number <u>Cherylene Weston</u> , <u>Statement</u> <u>cweston@hilcorp.com</u>	<ul> <li>[1] Comm</li> <li>[1] Injection</li> <li>[11] Injection</li> <li>[12] Injection</li> <li>[12]</li></ul>	ingling – Storage – Meas DHC CTB PLC on – Disposal – Pressure II VFX PMX SWD <b>EQUIRED TO:</b> Check those perators or lease holders overriding royalty owner ition and/or concurrent of owner f the above, proof of no	PC C ncrease – Enh IPI E se which apply srs, revenue ov notice approval by Si approval by B	anced Oil Red OR PPR y. vners _O LM		Notice Complete Application Content Complete
<u>Cherylene Weston, Operations/Regulatory Tech-Sr.</u> Print or Type Name <u>505-564-0779</u> Phone Number <u>cweston@hilcorp.com</u>	<ol> <li>CERTIFICATION: administrative a understand that</li> </ol>	I hereby certify that the pproval is <b>accurate</b> and <b>no action</b> will be taken	on this applic	the best of my	y knowledg	je. I also
Print or Type Name <u>505-564-0779</u> Phone Number Cherylene ULLOTON cweston@hilcorp.com	Note	: Statement must be completed b	oy an Individual wit	n managerial and/	or supervisory	capacity.
()		erations/Regulatory Tech-Sr.		505-564-0		
	$\Lambda$	WAAN				

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

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.

### APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Hilcorp	Energy Company				
OPERATOR ADDRESS: 382 Roa	d 3100, Aztec, NM	87410			
APPLICATION TYPE:					
Pool Commingling Lease Comminglin	g Pool and Lease Con	mmingling Off-Lease	Storage and Measur	ement (Only if not Surface	e Commingled)
LEASE TYPE: Fee	State 🛛 Fede	ral			
Is this an Amendment to existing Order					
Have the Bureau of Land Management	(BLM) and State Land	l office (SLO) been not	ified in writing o	of the proposed commi	ingling
Yes No			-		
		DL COMMINGLIN s with the following in			
(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Aztec Pictured Cliffs (71280)					
Basin Dakota (71599)		]			
Basin Fruitland Coal (71629)					
		1			
		1			
(2) Are any wells producing at top allowal					
(3) Has all interest owners been notified b		posed commingling?	Yes No.		
<ul> <li>(4) Measurement type: Metering</li> <li>(5) Will commingling decrease the value of</li> </ul>		⊠No If "yes", descri	he why commingli	ng should be approved	
(-)		<b>_</b> , ,, ,,	ee	-6 shows of approved	
			6		
		SE COMMINGLIN s with the following in			
(1) Pool Name and Code.	I lease attach sheet	s with the following h	normation		
(2) Is all production from same source of s	supply? Yes N	0			
(3) Has all interest owners been notified by		oosed commingling?	Yes N	0	
(4) Measurement type: Metering	Other (Specify)				
		LEASE COMMIN s with the following in		With a strategy of the second second	
(1) Complete Sections A and E.	T tease attach sheet	s with the following in	nor mation		
(I	·	ORAGE and MEA			
	station of the local diversity of the street of the	ets with the following	information		
<ol> <li>Is all production from same source of s</li> <li>Include proof of notice to all interest o</li> </ol>		0			
(2) monde proof of notice to an interest of	where,				
(E) AI	DITIONAL INFO	RMATION (for all	application ty	(pes)	
		s with the following in			
(1) A schematic diagram of facility, includ	00				
(2) A plat with lease boundaries showing a		ons. Include lease numbe	ers if Federal or Sta	ate lands are involved.	
(3) Lease Names, Lease and Well Number	s, and AFT NUMBERS.				
I hereby certify that the information above is	true and complete to the	best of my knowledge an	d belief.	and the second	
SIGNATURE: Cherylenev	liston	TITLE:Operations/R	egulatory Tech-	Sr DATE: 3-	26-19
TYPE OR PRINT NAME Cherylene	e Weston		1	TELEPHONE NO.: 50	5-564-0779

E-MAIL ADDRESS: \_\_\_\_\_cweston@hilcorp.com

.

### **OCD** Permitting

Page 1 of 1

District 1 1625 N. French Dr., Hobbs, NM 88240 Phone:(675) 393-6161 Fex:(575) 393-0720 District 11 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fex:(575) 748-9720 District 111 1000 Rio Brazos Rd., Azlec, NM 87410 Phone:(505) 334-6178 Fex:(605) 334-6170 District IV 1220 S. SI Francis Dr., Sanla Fe, NM 87505 Phone:(505) 476-3470 Fex:(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 260161

1. API Num 30-045		842	2.	Pool Code 71280							3. Pool N		PICT	URED CLIF	FS (GA	5)
4. Property	/ Cod	-	6.	Property Name PAN AM	ERICAN	FEDE	RAL GAS	сом	в		6. Well N	10. 001E				
7. OGRID	No.	171	8.	Operator Name			MPANY				9. Eleval	llon 5837				
							10. St	urface	Location							
UL - Lot	G	Section	31	Township 30N	Range	11W	Lol Idn S		From 1710		Line N	Feet From	1660	E/W Line E	County JUAN	SAN
					11. 8	Bottom	Hole Loc	ation	If Differen	t Fre	om Surf	ace				
UL - Lol		Section		Township	Range	•	Lot Idn		Feet From	T	N/S Line	Fee	From	E/W Lin	8	County
12. Dedica		cres 20 - N	E/4		13. Jo	13. Joint or Infill		14. Consolid	ation	Code			15. Ord	er No.		
NO A	LLO	WABLE	W	LL BE ASSIGN					APPROVE				EEN C	ONSOLIDA	TED O	R A NON-
							kn mi ihi int by E-1	owledg ineral li s well o erest, o the div Signed le: C	e and belief, hierest in the at this location or to a volunta vision.	and land o pur ary po	mallon co that this of including t suant to a ooling agre	rganization ( ihe propose contract will sement or a	rein is tr eilher o d bollor ih an ow compu	CATION ue and compl wns a working n hole location wher of such a lsory pooling o	interest o n(s) or ha mineral o order here	or unleased a right to dri or working
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STATE OF NEW MEXICO

## OIL CONSERVATION DIVISION P. O. UOX 2088 SANTA FE, NEW MEXICO 87501

.

Form C-107 kevised 10-1-78

All distance	es must lie fre	m the cu	ter houndartra	ef the Section	m.		
Operator		Lease				Well No.	
AMOCO FRODUCTION COMPANY			AM-FEDERAL		"B"	12	
Unit Letter Section Township		Ran		County			1
G 31 30N Actual Footage Location of Well:			11W	<u>San</u>	Juan		
2020	line and	16	50 10	at from the	East	line	
L/LU feet from the NOTUN Ground Level Elev: Producing Formation	line and	Pool		et from the	Dabo	Dedicated Acreage:	
5837 Dakota			sin Dakota			308.5	Acres
1. Outline the acreage dedicated to th		and the second se		- hashus	marka	the slat halow	
2. If more than one lease is dedicated interest and royalty).	d to the wel	l, outlir	e each and id	lentify the	ownership	thereof (both as to	
<ul> <li>3. If more than one lease of different o dated by communitization, unitization</li> <li>X Yes No If answer is "</li> </ul>	n, force-pool	ing. etc?	,			or all owners been	conson-
If answer is "no," list the owners and this form if necessary.) No allowable will be assigned to the	well until al	l interes	sts have been	consolida	ted (by co	mmunitization, un	itization,
forced-pooling, or otherwise) or until a	a non-standa	rd unit,	eliminating si	uch interes	ts, has bee	en approved by the	Commis-
sion.							
Non-Standard Gas Proration			T			CERTIFICATION	
Unit approved by order No.			Î.	1			
NWU 3-560 dated June 16, 1975			1		I hereby	y certify that the inform	nation con-
			1			herein is true and comp	
l		5	1		best of	my knowledge and beli	lef.
1		1710	1		Wane	imedie	terson
					W. L.	Peterson	
,			1		Position		
· Amoco W. I.		<b></b>	1660'		Distri	ct Engineer	
1 50%			1		Company		
			1		Amoco	Production Con	mpany
Sec.			L	1	Date	05 1000	
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						and Surveyor	R
			1		Fred	B. Kert Jrs	
Scale: 1"=	=1000!				3950		r
Duare: L							ORM 24-11

District I State of New Mexico Form C-1CE PO Box 1980, Hoobs, NM 88241-1980 Revised February 21, 1992 Instructions on back Submit to Appropriate District Office Energy, Minerals & Natural Resources Department District II PO Drawer DD. Artesia, NM 88211-0719 State Lease - 4 Copies Fee Lease - 3 Copies OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 District III 1000 Rio Brazos Rd., Aztec, NM 87410 AMENDED REPORT District IV PO Box 2088, Santa Fe, NM 87504-2088 and parts WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Name Pool Code I Number 71629 -BASIN FRUITLAND COAL Code Property Name Property Well Number PAN AM FEDERAL GAS COM B 2 OGRID NC. Operator Name Elevation 167067 CROSS TIMBERS OPERATING COMPANY 5838 -<sup>10</sup> Surface Location Feet from the North/South line UL or lot no. Section Township Lot Idn Rance Feet from the East/West line County G 31 30N NORTH 11W 1645 1710 EAST SAN JUAN <sup>11</sup>Bottom Hole Location If Different From Surface UL or lot no. ship North/South line Feet from the Section Range Lat Ian Feet from the East/West line County <sup>13</sup> Joint or Infill <sup>34</sup> Consolidation Code <sup>12</sup> Dedicated Acres 15 Order No. 308.48 E/2 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 16 " OPERATOR CERTIFICATION 1413.06 1255.98 2511.96' I hereby centify that the information contained herein is true and complete to the best of my knowledge and belie! LOT 645' LOT 5 LOTI LOT 7 6 2624.16 artin Signature 1710' Ray Martin Printed Name LOT 2 LOT 10 Production Engineer Title 20 Date 5293. "SURVEYOR CERTIFICATION I hereby certify that the well location srown on this plan was plotted from field notes of actual surveys made by rea or under my supervision, and that the same is true and correct to the best of my belief. LOT 3 LOT 13 LOT 12 LOT II MARCH 20, 2000 2636.70 Date of Survey C. ED Signature and Se 4 Z 685 LOT 16 LOT 4 LOT 14 LOT 15 Certificate Nonferesso 2514.66 1281.72 6857 1457.94'



### Pan American Federal Gas Com B 1E & B 2 CDP

Proposed Allocation Procedure

Production from the subject wells shall be determined as follows:

The wells shall be measured with a combination of metering and subtraction. The Pan American Federal Gas Com B 2 shall be metered continuously prior to compression and commingling with the Pan American Federal Gas Com B 1E. Production from the Pan American Federal Gas Com B 1E shall be determined by subtracting the metered production at the Pan American Federal Gas Com B 2 from the metered production at the central delivery point.

No commingling of liquids shall occur.



March 11, 2019

RE: Application for Surface Commingling Pan American Federal Gas Com B 1E (API # 30-045-24842) Pan American Federal Gas Com B 2 (API # 30-045-30231) San Juan County, New Mexico

Hilcorp plans to surface commingle existing pay from the Pan American Federal Gas Com B 1E and Pan American Federal Gas Com B 2. As required by Subsection C of 19.15.12.10 New Mexico Administrative Code, we have enclosed a copy of the Commingling Application for your review. No action is required by you unless you object our commingling proposal.

Any objection to this application must be filed in writing within twenty (20) days from this date with the applicant and the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505. If the 20 day waiting period expires, the Division will conclude that your company has no objection to the application.

This letter represents a good faith effort to adhere with applicable notification requirements. However, if your ownership interest in the Subject Well has recently changed (i.e., new burdens created or you have sold or transferred your interest) please contact Hilcorp immediately to update your file.

Hilcorp appreciates this opportunity to enhance production from the Subject Well and we are thankful for your support.

Regards,

Cherylene Weston

Operations/Regulatory Technician Hilcorp Energy Company 505-564-0779

Encl.

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.

#### **APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)** Hilcorn Energy Company

OPERATOR NAME:	Hilcorp Energy Company				
OPERATOR ADDRESS:	382 Road 3100, Aztec, NM	87410			
APPLICATION TYPE:					
Pool Commingling     Lease C	Commingling Pool and Lease Co	mmingling Off-Lease	Storage and Measur	ement (Only if not Surface	e Commingled)
LEASE TYPE: Fee					
	ing Order? □Yes ⊠No If hagement (BLM) and State Land				ingling
		L COMMINGLIN ts with the following in			
(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Aztec Pictured Cliffs (71280)					
Basin Dakota (71599)					
Basin Fruitland Coal (71629)					
<ul> <li>(3) Has all interest owners been</li> <li>(4) Measurement type: XM</li> </ul>	top allowables? Yes Xo notified by certified mail of the pro- etering Other (Specify) the value of production? Yes		Yes □No.	ng should be approved	

## **(B) LEASE COMMINGLING**

Yes No

Please	attach	sheets	with	the	follow	ving	information	ł
And the second se	and a second second second	the second s	and the second second		A COLORADOR	THE OWNER WATER	and (a) has a carry off press to track out	-

(1) Pool Name and Code. (2) Is all production from same source of supply? Yes No

(3) Has all interest owners been notified by certified mail of the proposed commingling?

-

(4) Measurement type: Metering Other (Specify)

#### (C) POOL and LEASE COMMINGLING Please attach sheets with the following information

Complete Sections A and E. (1)

## **(D) OFF-LEASE STORAGE and MEASUREMENT**

Please attached sheets with the following information

(1) Is all production from same source of supply? Yes No (2) Include proof of notice to all interest owners.

#### (E) ADDITIONAL INFORMATION (for all application types) Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.

A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved. (2)

Lease Names, Lease and Well Numbers, and API Numbers. (3)

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

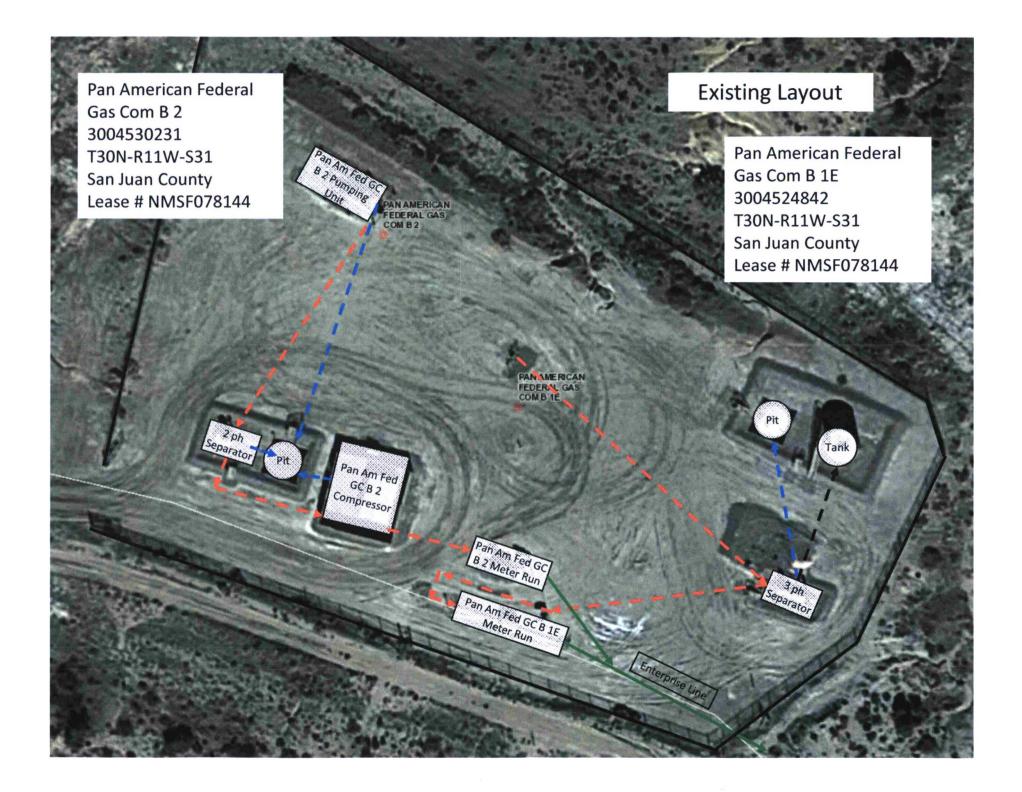
SIGNATURE:

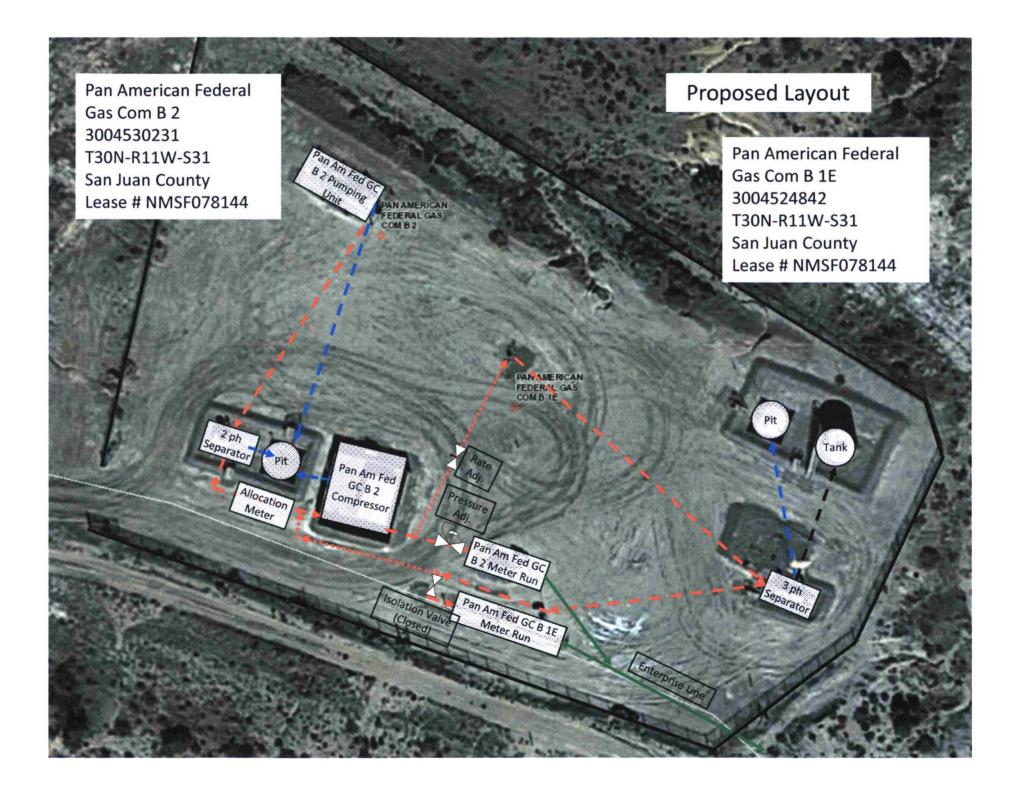
TITLE: Operations/Regulatory Tech-Sr. DATE:

E-MAIL ADDRESS: cweston@hilcorp.com

TYPE OR PRINT NAME Cherylene Weston

Certified Number	Sender	Recipient	Date Mailed	Delivery Status
92148969009997901771224975	Brenda Guzman	, BECKY ANN HOLMES, PO BOX 133, SONORA, TX, 76950 Code: Pan Am Federal Gas Com B 1E_B 2 Surface Commingle	3/11/2019	Signature Pending
92148969009997901771224982	Brenda Guzman	CRAIG T FERGUSON , BP AMERICA PRODUCTION COMPANY, 737 N ELDRIDGE PARKWAY E3-12.173B, HOUSTON, TX, 77079 Code: Pan Am Federal Gas Com B 1E_B 2 Surface Commingle	3/11/2019	Signature Pending
92148969009997901771224999	Brenda Guzman	, BRONCO OIL COMPANY, PO BOX 892338, OKLAHOMA CITY, OK, 73189 Code: Pan Am Federal Gas Com B 1E_B 2 Surface Commingle	3/11/2019	Signature Pending
92148969009997901771225002	Brenda Guzman	EDWARD H FORGOTSON , ANN MONTOURI FORGOTSON, POA. 1800 PURDY AVE, #902, MIAMI BEACH, FL, 33139 Code: Pan Am Federal Gas Com B 1E_B 2 Surface Commingle	3/11/2019	Signature Pending
92148969009997901771225019	Brenda Guzman	FORGOTSON FAMILY PARTNERSHIP, EDWARD H FORGOTSON INDV and AGENT ANN MONTOURI FORGOTSON, POA, 1800 PURDY AVE #902, MIAMI BEACH, FL, 33139 Code: Pan Am Federal Gas Com B 15_B 2 Surface Commingle	3/11/2019	Signature Pending
92148969009997901771225026	Brenda Guzman	, GWYNDLON CLAYBROOK, PO BOX 1719, BRECKENRIDGE, TX, 76424-1719 Code: Pan Am Federal Gas Com B 1E_B 2 Surface Commingle	3/11/2019	Signature Pending
92148969009997901771225033	Brenda Guzman	, JASON NEAL WILLIAMS AND LINDA LOU, WILLIAMS FAMILY TRUST 2038 PINION SPRINGS DR, HENDERSON, NV, 89074-4111 Code: Pan Am Federal Gas Com B 1E_B 2 Surface Commingle	3/11/2019	Signature Pending
92148969009997901771225040	Brenda Guzman	, LEON LEE WILLIAMS, 604 LENORA DR, MIAMI, TX, 79059 Code: Pan Am Federal Gas Com B 1E_B 2 Surface Commingle	3/11/2019	Signature Pending
92148969009997901771225057	Brenda Guzman	, MARTHA KIMBERLY MANN, 2043 HICKORY, COLORADO CITY, TX, 79512 Code: Pan Am Federal Gas Com B 1E_B 2 Surface Commingle	3/11/2019	Signature Pending
92148969009997901771225064	Brenda Guzman	, OFFICE OF NATURAL RESOURCES REVENUE, LAKEWOOD ACCTG CENT ONSHORE P O BOX 25627, DENVER, CO, 80225-0627 Code: Pan Am Federal Gas Com B 1E_B 2 Surface Commingle	3/11/2019	Signature Pending





#### WELL INFORMATION

Well Name	API#	Pool	S-T-R	FNL/FSL	FEL/FWL	Lease Number	Agreement Number	Gravity	BTU	Est Daily Gas Rate
Pan American Federal Gas Com B 1E	30-045-24842	Basin Dakota	Sec. 31, T30N, R11W	1710' FNL	1660' FEL	NMSF078144	NMNM073765	0.64	1072	SI currently
Pan American Federal Gas Com B 1E	30-045-24842	Aztec Pictured Cliffs	Sec. 31, T30N, R11W	1710' FNL	1660' FEL	NMSF078144	N/A	0.6	1096	50 Mcfd
Pan American Federal Gas Com B 2	30-045-30231	Basin Fruitland Coal	Sec. 31, T30N, R11W	1645' FNL	1710' FEL	NMSF078144	NMNM103108	0.59	981	30 Mcfd

# Pan American Federal Gas Com B 1E Pan American Federal Gas Com 2 Surface Commingle

Pumping	Unit	Sepa		
Engine	Fuel Usage (mfcpd)	Burners (y/n)	Fuel Usage (mcfpd)	Vented Gas (mcfpd)
None - Plunger Lift	0	Y	1	0
LUFKIN - Arrow C-46	2.6	Y	1	0
	Engine None - Plunger Lift	Engine(mfcpd)None - Plunger Lift0	Fuel Usage         Burners           Engine         (mfcpd)         (y/n)           None - Plunger Lift         0         Y	Fuel Usage Engine         Fuel Usage (mfcpd)         Burners (y/n)         Fuel Usage (mcfpd)           None - Plunger Lift         0         Y         1

Compressor Information			
Location:	Pan American Fe	deral Gas Com B 1E	
Package ID	20001811		
HEC Compressor #	Unit 001605		
Lat/Long:	36.771502 / -108.	028134	
Manufacturer:	Catepillar		
Engine:	G3306NA/1612		
Horse Power:	145	hp	
Fuel Usage:	18.47	mcfd	

Well	Pan American Federal Gas Com B 1E	Pan American Federal Gas Com B 2
Formation	Basin Dakota	Basin Fruitland Coal
	Production (mcfd	1)
September 33		85
October	39	55
November	34	38
December	29	27
January	0	2
February	0	19

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