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			F400

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NEW MEXICO OIL COM	NSERVATION DIVISION
- Geological & Engin	neering Bureau –
1220 South St. Francis Drive	, Santa Fe, NM 87505
ADMINISTRATIVE APP	LICATION CHECKLIST
	E APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND
A see all a see de FAE II Operating LL C	OCRID Number 220226
Applicant: FAE II Operating, LLC  Well Name: Arnott Ramsay NCT-B #11	OGRID Number: 329326  API: 30-025-26963
Pool: Jalmat Oil	Pool Code: 33820
1001.	Tool code.
SUBMIT ACCURATE AND COMPLETE INFORMATION INDICATE	
1) TYPE OF APPLICATION: Check those which apply A. Location – Spacing Unit – Simultaneous Dec	
B. Check one only for [1] or [1]  [1] Commingling – Storage – Measurement DHC DTB PLC PC  [11] Injection – Disposal – Pressure Increase WFX PMX SWD DIPI  2) NOTIFICATION REQUIRED TO: Check those which A. Offset operators or lease holders  B. Royalty, overriding royalty owners, revery C. Application requires published notice D. Notification and/or concurrent approved E. Notification and/or concurrent approved F. Surface owner  G. For all of the above, proof of notification H. No notice required	OLS OLM  - Enhanced Oil Recovery  EOR PPR  FOR OCD ONLY  Notice Complete  Application  Content  Complete
3) <b>CERTIFICATION:</b> I hereby certify that the informal administrative approval is <b>accurate</b> and <b>complete</b> understand that <b>no action</b> will be taken on this conotifications are submitted to the Division.	ete to the best of my knowledge. I also
Note: Statement must be completed by an indivi	dual with managerial and/or supervisory capacity.
	12/10/2020
David Schellstede	Date
Print or Type Name	(822) 220 2202
	(832) 220-3202 Phone Number
Albert &	Thore nothice
from our	David@FAEnergyus.com
Signature	e-mail Address

District II

, Artesia, NM 88210

<u>District III</u> 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

Revised August 1, 2011 APPLICATION TYPE

Form C-107A

X Single Well Establish Pre-Approved Pools EXISTING WELLBORE \_X\_ Yes \_\_\_No

### APPLICATION FOR DOWNHOLE COMMINGLING

FAE II Operating, LLC	11757 Ka	ty Fwy. Ste. 1000, Houston, TX 77079	
Operator		Address	
Arnott Ramsay NCT-B	11	L-32-25S-37E	Lea
Lease	Well No.	Unit Letter-Section-Township-Range	County

329326 326919 X 30-025-26963 OGRID No. Property Code API No. Lease Type: \_\_ Federal Fee State **DATA ELEMENT UPPER ZONE** LOWER ZONE INTERMEDIATE ZONE Jalmat Langlie Mattix Pool Name 33820 37240 Pool Code 3,310' - 3,473' 3,150' - 3,310' Top and Bottom of Pay Section (Perforated or Open-Hole Interval) Method of Production Artificial Lift Artificial Lift (Flowing or Artificial Lift) 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) Oil Gravity or Gas BTU 33.1 API / 1,346 BTU 33.1 API / 1,346 BTU Producing, Shut-In or Shut-In New Zone Shut-In Date and Oil/Gas/Water Rates of Last Production. See Attached See Attached Date: (Note: For new zones with no production history, Date: Date: applicant shall be required to attach production estimates and supporting data.) Rates: Rates: Rates: Fixed Allocation Percentage Oil Oil Gas Gas Oil Gas than current or past production, supporting data or 0 % 0 % % % 0 % 0 0/0 explanation will be required.)

### 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_ Yes	_	_ No No	
	103_			
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_	_X_	_ No	
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.

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 as	d complete to the best of my knowledge and belief
--	---

SIGNATURE MBal	to	TITLE_	Engineering Tech	DATE_	12/10/2020
TYPE OR PRINT NAME	Marshall		TELEPHONE NO. (		

Marshall @ FAEnergy-s. com E-MAIL ADDRESS

## fae I Toperating

December 9, 2020

Mr. Dean McClure New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re:

Arnott Ramsay NCT-B #011: API 30-025-26963

Jalmat Pool: 33820

Langlie Mattix Pool: 37240

Dear Mr. McClure:

FAE II Operating LLC, as operator, will be filing applications with the New Mexico Oil Conservation Division for approval of the aforementioned commingling project. After a review of internal records, this letter serves as notice that the operator and interest owners are identical for the pools listed above.

If you have any questions, please feel free to contact the undersigned by phone at (832) 219-0809 or by email at rebecca@faenergyus.com.

Thank you for your attention to this matter.

Sincerely,

FAE II Operating, LLC

Rebecca Wing

Land

# fae∐operating

December 10, 2020

#### **VIA ONLINE FILING**

Mr. Dean McClure New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Application of FAE II Operating, LLC for Administrative Approval to Downhole Commingle Water Injection from the Jalmat and Langlie Mattix Pools for the Arnott Ramsay NCT-B #11 well located in Sec. 32, T-25S, R-37E, Lea County, New Mexico

Dear Mr. McClure:

FAE II Operating LLC, OGRID: 329326, requests administrative approval for downhole commingling of water injection from the Jalmat and Langlie Mattix Pools for its Arnott Ramsay NCT-B #11 proposed well located in Unit Letter L, Section 32, T-25S, R-37E, 1,650 feet FSL and 990 feet FEL, as shown in the attached C-102's for each zone.

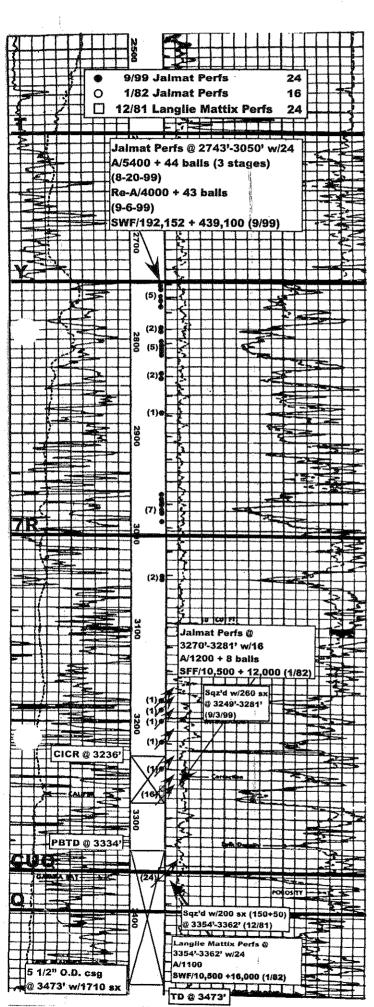
The Arnott Ramsay NCT-B #11 will be open to the Yates-Seven Rivers-Queen formation, which translates to both the JALMAT; TAN-YATES-7 RVRS pool [Pool ID: 33820] and the LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG [Pool ID: 37240]. Since this well is temporarily abandoned, the amount of oil and gas it produced in its final year, 2013, would be next to zero. Additionally, if converted to injector, we are not expecting any future oil and gas production from this particular wellbore – however, it would help increase the production of the surrounding wells.

After a review of internal records, the interest owners are identical for the aforementioned wells. As such, notification to the relevant parties of our intent to commingle will not be necessary.

This proposed commingling of pools is in the interest of conservation and will not result in reduced royalty or improper measurement of production. If there are further questions concerning this application, please feel free to contact the undersigned by email at marshall@faenergyus.com or by telephone at (832) 241-8080.

Very truly yours,

FAE II Operating, LLC



L-32-25S-37E

COMPANY	Doyle Hartm	an		
	(Gulf/Chevr	on)		
WELL	Arnott Rams	ay "NCT-B" 1	lo. 11	
	•			
FIELD	Jalmat			
LOCATION	1650' FSL &	990' FWL	(L)	
	Section 32,	T-25-S, R-	37-E	
COUNTY	Lea		•	
STATE	New Mexico			
ELEVATIONS:		къ	29931	
		DF	29921	
DEC		GT.	29821	

	COMPLETIO	N RECORD		
SPUD DATE	11-21-81	COMP DATE	1-20-82	
TD	3473'	PBTD	3334'	
CSG RECORD	8 5/8" @ 399' w/2	275 sx	(Circ)	
	5 1/2" a 3473' w	/1710 sx	(Circ)	
	(DV Tool @ 28501)	)		
COMP INTRVL	3270'-3281' w/16			
STIMULATION	A/1200			
	SWF/10,500 + 12,0	000		
WELL TEST	F/25 BOPD + 24 B	WPD + 64 MCFPD	(1-20-82)	
GOR	2560	GR		
TP	30 psi	CP		
CHOKE	36/64"	TBG	2 3/8" @ 3204'	
REMARKS AND SUBSEQUENT HISTORY				

12-8-81 to 12-30-81: DO DV Tool at 2850'. DO cmt from 3293' to 3437'. Perf'd 3354'-3362' w/16. A/1100. SWF/10,500 + 16,000. SWb'd 150 BW (8 hrs). Good gas show. FL at 1600' FS. Sqz'd w/150 sx. DO cmt. Perf'd 3356'-3360' w/8. Swb'd 35 BW (7 hrs). Sqz'd w/50 sx. PBTD at 3334'.

<u>12-31-81 to 1-20-82</u>: Perf'd Jalmat 3270'-3281' w/16. A/1200 + 8 balls. SFF/10,500 + 12,000. F/25 BOPD + 24 BWPD + 64 MCFPD.

 $\underline{7-1-96}$ : Change of operations (Chevron to Hartman).

8-16-99 to 9-9-99: Pulled and laid down old rods and tbg. Installed B&M Oil Tool 5 1/2" x 2 3/8" x 3" 3000-psi tubinghead. DO and CO to 3347'. Ran DAS-CNL-GR-CCL log. Added Jalmat perfs from 2743' to 3249' (25 holes). A/5400 + 44 balls (2743'-3249') in 3 stages. Balled off perfs. P/20 MCFPD + 3 BOPD + 19 BWPD. Set CICR at 3236'. Sqz'd w/260 sx(3249'-3281'). Cmt broke out of perfs at 3200' and 3221'. Pulled 2 3/8" O.D. tbg. Ran BHDA. DO cmt from 1420' to 3236'. Scraped 5 1/2" O.D. csg from 2314' to 3236'. Added 4 perfs 2757'-2941'. Re-A/4000 + 43 balls (2743'-3050'). Balled off perfs. SWF/192,152 + 439,100. CO to 3236'. Landed new 2 3/8" O.D. tbg at 3152'. Ran 3/4" API Class "KD" rods. POP @ 8.8 x 54 x 1 1/2.

10-9-99: P/190 MCFPD + 3 BOPD; CP = 19 psi.

Note: It is proposed to DO to 3520', set and cmt 4 1/2"
O.D. FJL from 2675'-3520', perforate, acidize, and frac lower Jalmat oil pay (3170'-3280').

### MEXICO OIL CONSERVATION COMMISSI WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section Operator Well No. FAE I Operating Arnott Ramsev NCT-B 11 Section Unit Letter Township Range 25 South 37 East Lea Actual Footage Location of Wells 1650 990 south line and feet from the Ground Level Elev. Producing Formation Fool Dedicated Acresqui TAN-YATES - 7 Rivers JALMAT 2981.7 40 Acres 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? Yes If answer is "yes," type of consolidation \_ If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Lise reverse side of this form if necessary.)\_ No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information cantained herein is true and complete to the best of my knowledge and helief. :lame Marshall Bates Engineering Tech Commons 12/9/2020 I hernby certify that the well location shown on this plat was platted from field 990is true and correct to the best of my knowledge and belief. Date Surveyed Registered Professional Engineer 876 PATRICK A. ROMERO 6868

320

1320 1680 1980 2310 2640

Ronald J. Eidson

### IEXICO OIL CONSERVATION COMMISSI WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section Operator FAE I Operating Well No. Arnott Ramsev NCT-B 11 Section Unit Letter Township 25 South 37 East Lea Actual Footage Location of Well: 1650 south feet from the West line and feet from the Ground Level Elev. Producing Formation Fool Dedicated Acresses 2981.7 7 Rivers - Queen Langlie Mattix 40 Acres 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? Yes If answer is "yes," type of consolidation \_ If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)\_ No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained herein is true and complete to the be - saf my knowledge and helief. Marshall Bates Festion Engineering Tech Jemi any 12/9/2020 I hernby certify that the well location shown on this plat was platted from field notes of actual surveys made by me or under my supervision, and that the same 990 is true and correct to the best of my knowledge and belief. Date Surveyed Registered Professional Engineer PATRICK A. ROMERO 8868 1320 1680 1980 2310

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Ronald J. Eidson