From: McClure, Dean, EMNRD on behalf of Engineer, OCD, EMNRD

To: Fatma Abdallah

 Cc:
 Lamkin, Baylen L.; McClure, Dean, EMNRD

 Subject:
 RE: [EXTERNAL] RE: Action ID: 208722; PLC-918

 Date:
 Wednesday, November 8, 2023 10:56:41 AM

Attachments: image001.png image002.png

Ms. Abdallah,

The Division is rejecting the application to amend orders PLC-362 and PLC-362-A submitted by Silverback Operating II, LLC (330968) on April 19, 2023 and designated as Action ID: 208722 and PLC-918. This action is taken due to major modifications being made from what is proposed in the application which was provided to the interest owners; those modifications being additional wells and leases that were not included in the application and for a less accurate allocation method being requested to be utilized than is included in the application. As major modifications will require new notice to the interest owners be provided, the application is being rejected.

Please note the discussions in the email chain below when putting together a new application for this proposed project as the information requested will need to be provided for any new applications as well.

If you have any questions, please feel free to reach out.

Dean McClure

Petroleum Engineer, Oil Conservation Division

New Mexico Energy, Minerals and Natural Resources Department

(505) 469-8211

From: Fatma Abdallah <fabdallah@silverbackexp.com>

Sent: Thursday, October 19, 2023 4:58 PM

To: McClure, Dean, EMNRD < Dean.McClure@emnrd.nm.gov>
Subject: RE: [EXTERNAL] RE: Action ID: 208722; PLC-918

Mr. McClure,

Yes, Silverback will use the well test method for the Piglet wells along with the Roo wells and arrange the facility to allocate as such.

Yes, the original application PL-362A from 2013 added the Eeyore 34 State #1 to the Piglet CTB facility. The wells listed in the PL-362A is the same today.

Thank you,

Fatma Abdallah

From: McClure, Dean, EMNRD < Dean.McClure@emnrd.nm.gov>

Sent: Thursday, October 19, 2023 4:54 PM

To: Fatma Abdallah < fabdallah@silverbackexp.com Subject: RE: [EXTERNAL] RE: Action ID: 208722; PLC-918

Ms. Abdallah,

Please note that like the Roo wells, the Piglet wells may only be allocated on a lease and pool basis if each lease and pool is separated into its own separator. As such Silverback may need to rearrange its Piglet facility so that another allocation method such as well test may be used. Please confirm how Silverback would like to proceed.

Additionally, reference is made to a Eeyore 34 State #1. Is this well a part of the commingling project?

Dean McClure

Petroleum Engineer, Oil Conservation Division New Mexico Energy, Minerals and Natural Resources Department (505) 469-8211

From: Fatma Abdallah < fabdallah@silverbackexp.com >

Sent: Thursday, October 19, 2023 8:55 AM

To: McClure, Dean, EMNRD < Dean.McClure@emnrd.nm.gov>
Subject: RE: [EXTERNAL] RE: Action ID: 208722; PLC-918

Mr. McClure,

Please see answers and additional information to your questions in the email below. Please let me know if you have any other questions or concerns.

Thank you,

Fatma Abdallah

From: McClure, Dean, EMNRD < Dean.McClure@emnrd.nm.gov>

Sent: Tuesday, October 17, 2023 10:00 AM

To: Fatma Abdallah fatballah@silverbackexp.com

Subject: RE: [EXTERNAL] RE: Action ID: 208722; PLC-918

Ms. Abdallah,

When submitting an application to amend an Order, then a description of the entirety of the project should be included rather than only a description of newly added wells and facilities. This becomes even more important when older projects and orders are involved especially when the operator has changed since the issuance of the original order.

Please provide a statement regarding allocation to the Piglet wells. If you wish to pull direct language from a prior application, then please feel free to do so.

Pialet Allocation Method Description- From Original Submission PL-362A, Process Summary was also submitted again in the diagram page 7 of application.

We have a test separator on each working interest contract area feeding into the Piglet CTB to ensure that all wells are correctly metered. There is a test separator on the Roo 22 State #5 (covering the working owners in the W/2 of section 22), a test separator on the Piglet 21 State #1 (covering the working interest owners in the SE/4 in Section 21), a test separator on the Piglet 21 State #5 (covering the working interest owners in the SW/4 in Section 21). There is a test separator in Section 34 on the Eeyore 34 State #1.

Regarding allocation for the Roo wells, the allocation method described does not seem to be that of well test, but having said that, provided Silverback is fine with conducting a well test for each well at least once per month, then that will be an acceptable allocation method. Yes, Silverback will be conducting well test for each well at least once per month.

Based off an initial review and the facility diagrams provided, I am assuming there are 4 facilities involved in this commingling project. Is that correct? 3 satellite batteries and 1 central tank battery.

If so, please provide a quarter-quarter location for each.

Roo 22 State #5 Satellite: SWNW Section 22 T 17S R 28E Piglet 21 State #5 Satellite: SESW Section 21 T 17S R 28E

Section 34 (Mcham 34 State) Satellite: NWNE Section 34 T 17S R 28E Piglet 21 State #1 Central Tank Battery: NESE Section 21 T 17S R 28E

Is the DCP sales meter described in your response below the only gas meter for the project? We have one sales point for the Roo and Piglet wells at the Piglet CTB. And another gas sales point for Section 34 located at NWNE Section 34 T 17S R 28E.

Dean McClure

Petroleum Engineer, Oil Conservation Division

New Mexico Energy, Minerals and Natural Resources Department

(505) 469-8211

From: Fatma Abdallah < fabdallah@silverbackexp.com >

Sent: Monday, October 16, 2023 5:30 PM

To: McClure, Dean, EMNRD < Dean.McClure@emnrd.nm.gov>
Subject: [EXTERNAL] RE: Action ID: 208722; PLC-918

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Mr. McClure,

Please see answers provided for the items listed below, as well as the attachments needed for clarification of application.

Please note that the Silverback application is an amendment to an existing commingle application PLC-362 to include new state leases as part of the Roo wells and the Roo allocation method. No other changes were made to the original permit PLC-362.

I also followed up with a phone call for more clarification on the allocation method. Please call/email when possible.

Thank you,

Fatma Abdallah Regulatory Manager Silverback Operating II, LLC.

From: McClure, Dean, EMNRD < Dean.McClure@emnrd.nm.gov>

Sent: Friday, October 13, 2023 5:46 PM

To: Fatma Abdallah < fabdallah@silverbackexp.com >

Subject: Action ID: 208722; PLC-918

To whom it may concern (c/o Fatma Abdallah for Silverback Operating II, LLC),

The Division is reviewing the following application:

Action ID	208722
Admin No.	PLC-918
Applicant	Silverback Operating II, LLC (330968)
Title	Roo 22 State Facility
Sub. Date	4/19/2023

Please provide the following additional supplemental documents:

•

Please provide additional information regarding the following:

- Please provide the BTU and gravity values for each of the pools-Please see attached. Information was submitted in the first application PLC-362.
- Please confirm that the commingling of this production will not decrease the value of this production. Please see attached. Information was submitted in the first application PLC-362. We confirm that commingling will not decrease the value of production.

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
96210 Empire; Glorieta-Yeso	39.2 API Gravity 39.5 API Gravity	39.4 API Gravity		TOTAL: 1125 BOPD; 1200 MCFPD; 4500BWPD	600 BOPD; 640MCFPD; 2400 BWPD 525 BOPD; 560 MCFPD; 2100BWPD
(2) Are any wells producing at top allows (3) Has all interest owners been notified 1 (4) Measurement type: Metering (5) Will commingling decrease the value	oy certified mail of the pr		☑Yes □No		

- Please provide a proposed allocation method for the Piglet 21 State wells. No changes have been made to the Piglet wells regarding allocation method. Same as original filing in PLC-362 approved permit.
- Please provide a quarter-quarter location for each facility involved in this project. Piglet Facility CTB: NE/4SE/4 of Sec. 21-17S-28E
- Please provide a quarter-quarter location for each sales meter involved in this project: DCP Meter: SWSW of Sec. 21-17S-28E
- Please note that the proposed allocation for the Roo 22 State wells is not acceptable; I'm unsure what went on back when PLC-362 and PLC-362-A were approved, but if Silverback wishes to meter each set of production it will need to install a separator and meter for each lease and pool combo. Based on a quick glance, it would appear that at least 9 separators and meters would be required to correctly allocate production for just the Roo 22 State wells. As such, Silverback may instead wish to rearrange its facilities to determine allocation via well tests. Regardless, please propose a new method of allocation for the Roo 22 State wells. Please see the C-107B which indicates measurement type will be "well test" method and we also provided the summary description in the application packet.

(B) LEASE COMMINGLING	
Please attach sheets with the following info	ormation
(1) Pool Name and Code. (2) Is all production from same source of supply? Yes X No (3) Has all interest owners been notified by certified mail of the proposed commingling? (4) Measurement type: Metering Other (Specify) Well Test	XYes □No

- Please note that the following leases may not be included in this commingling project as it appears no wells are producing from them:
 - o B0 1969 0030
 - B0 1111 0014
 - X0 2029 0082
- Please provide an explanation for why the Piglet State SWD #1 (30-015-40820) is included in this application. Perhaps Silverback is recovering skim oil
 and reallocating it back to the wells based off water production or other such method? If so, please provide a proposed method for allocation of the
 skim oil if Silverback wishes to include the well. This well was added just to show all Piglet wells in the area but it will not be part of the commingling
 process.
- Was public notice provided? If so please provide the affidavit of publication. No public notice was provided, since we were able to find all addresses of all parties involved. Notice by publication. When an applicant is unable to locate all interest owners after 19.15.12 NMAC 4 exercising reasonable diligence, the applicant shall provide notice by publication and submit proof of publication with the application.
- Please confirm that the following persons received notice of this application. It appears that at least 2 notices were returned and many of them do not
 return results for me when I conduct a search on the USPS website. Please see the attached green cards showing delivery confirmation for the listed
 parties below. We have all green cards except for Manix Royalty, which we will be getting confirmation from them via email and will send it over
 shortly. We had a new address for them and provided a second mailing of notice once we received the returned envelope.

Penroc Oil Corporation	9589 0710 5570 0018 9189 74	unknown
Chisos Ltd.	9589 0710 5570 0018 9190 01	unknown

	ZPZ Delaware I LLC	9589 0710 5570 0018 9189 81	unknown
	Longfellow LH LLC	9589 0710 5570 0018 9190 63	unknown
	Wilson Oil Company Ltd.	9589 0710 5570 0018 9190 87	unknown
	Gretchen B. Nearburg	9589 0710 5570 0018 9189 98	unknown
	Penasco Petroleum LLC	9589 0710 5570 0018 9189 67	unknown
5/18/2023	Manix Royalty Ltd.	7022 0410 0003 1781 3144	Returned
4/20/2023	Berrendo Assets, LLC	7022 0410 0003 1781 3083	Returned
	B R Land and Cattle, LLC	9589 0710 5570 0018 9191 00	unknown
	Nestegg Energy Corporation	9589 0710 5570 0018 9190 18	unknown

Additional notes:

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All additional supplemental documents and information may be provided via email and should be done by replying to this email. The produced email chain will be uploaded to the file for this application.

Please note that failure to take steps to address each of the requests made in this email within 10 business days of receipt of this email may result in the Division rejecting the application requiring the submittal of a new application by the applicant once it is prepared to address each of the topics raised.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

From: Fatma Abdallah

To: McClure, Dean, EMNRD

Subject: [EXTERNAL] RE: Action ID: 208722; PLC-918 Notice of Delivery for Manix Royalty

Date: Monday, October 30, 2023 5:23:07 PM
Attachments: USPS.com® - USPS Tracking® Results.pdf

Label.pdf

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Mr. McClure,

Attached is the delivery confirmation to the new address for the Manix Royalty lease. We received a new contact and address to send the commingle package to. Please let me know if you have any questions or need anything else regarding our commingling application.

Thank you,

Fatma Abdallah Regulatory Manager Silverback Operating II, LLC.

Domestic Return Receip

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Hobbs, NM 88241-2769	
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1331 Lamar St. Ste 1077	
Houston, TX 77010-3135	
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Houston, Tx 77056-4499	
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Lakeway, TX 78734-3825	
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Dallas, TX 15275-0452		
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B.R. Land + Cattle, LLC		1
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Silverback Operating II, LLC 19707 IH 10 WEST SUITE 201 SAN ANTONIO TX 78257

US POSTAGE AND FEES PAID

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USPS CERTIFIED MAIL™

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JOHN HILLMAN PO BOX 50187 MIDLAND TX 79710-0187

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NEW MEXICO OIL CONSERVATION DIVISION



- Geological & Eng	
1220 South St. Francis Dri	ve, Santa Fe, NM 87505
	PPLICATION CHECKLIST
	ATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND ESSING AT THE DIVISION LEVEL IN SANTA FE
Applicant:	OGRID Number:
Well Name:	
Pool:	API: Pool Code:
	ON REQUIRED TO PROCESS THE TYPE OF APPLICATION
1) TYPE OF APPLICATION: Check those which appears A. Location – Spacing Unit – Simultaneous Date of the NSL SP(PROJECT AREA)	Dedication
B. Check one only for [1] or [1] [1] Commingling - Storage - Measurem DHC CTB PLC P [11] Injection - Disposal - Pressure Increa	PC LOLS LOLM use - Enhanced Oil Recovery
□ WFX □ FIVIX □ 3WD □ II	FOR OCD ONLY
2) NOTIFICATION REQUIRED TO: Check those wh	ich apply. Notice Complete
A. Offset operators or lease holdersB. Royalty, overriding royalty owners, rev	/enue owners
C. Application requires published noticeD. Notification and/or concurrent approx	Content
E. Notification and/or concurrent appro	
F. Surface owner	tion or publication is attached, and/or,
3) CERTIFICATION: I hereby certify that the inform administrative approval is accurate and com understand that no action will be taken on the notifications are submitted to the Division.	
Note: Statement must be completed by an in-	dividual with managerial and/or supervisory capacity.
	Date
Print or Type Name	-
	Phone Number
	-
Signature	e-mail Address

<u>District I</u> 1625 N. French Drive, Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210

811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 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	APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)					
OPERATOR NAME: <u>Silverba</u>	ck Operating II, LI	LC.				
	10, San Antonio,	ГХ 78256				
APPLICATION TYPE:						
☐ Pool Commingling X Lease Commingling	g ☐Pool and Lease Cor	mmingling Off-Lease	Storage and Measur	rement (Only if not Surface	e Commingled)	
LEASE TYPE: Fee						
Is this an Amendment to existing Order? XYes \(\subseteq No \) If "Yes", please include the appropriate Order No. \(\frac{PLC-362}{PLC-362} \) Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling \(\subseteq Yes \) \(\subseteq No \)						
		L COMMINGLINgs 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	
(2) Are any wells producing at top allowa	l oles? □Yes □No					
 (3) Has all interest owners been notified b (4) Measurement type: ☐Metering [(5) Will commingling decrease the value of 	Other (Specify)		☐Yes ☐No.	ing should be approved		
	` '	SE COMMINGLIN s with the following in				
(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? Yes No (4) Measurement type: Metering Other (Specify) Well Test						
		LEASE COMMIN s with the following in				
(1) Complete Sections A and E.						
~	OFF TEACE CO.	IODAGE TITE:	OF IDEA FEATURE		1	
(1		ORAGE and MEA ets with the following				
(1) Is all production from same source of			inoi mation			
(2) Include proof of notice to all interest of	wners.					
(E) AI	DITIONAL INFO	DMATION (for all	annlication to	mag)		
(E) AI		RMATION (for all s with the following in		(pes)		
Please attach sheets with the following information (1) A schematic diagram of facility, including legal location. (2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved. (3) Lease Names, Lease and Well Numbers, and API Numbers.						
I hereby certify that the information above is	true and complete to the	best of my knowledge an	d belief.			
SIGNATURE: Fatma Abda	ellah TI	TLE: Regulatory Manag		DATE:_ ^{04/1} 1/2		
TYPE OR PRINT NAME_ Fatma Abdallah	l		TEL	EPHONE NO.: 210-585	5-3316	
E MAIL ADDRESS, fabdallah@silverback	exn com					

API	Well Name	Well Number	Туре	Mineral Owner	Surface Owner	Status	Unit Letter	Section	Township	Range	OCD Unit Letter	Current Operator
30-015-39495	ROO 22 STATE	#003	Oil	State	State	Active	L	22	175	28E	L	[330968] Silverback Operating II, LLC
30-015-39496	ROO 22 STATE	#004	Oil	State	State	Active	K	22	175	28E	К	[330968] Silverback Operating II, LLC
30-015-39497	ROO 22 STATE	#005	Oil	State	State	Active	E	22	175	28E	E	[330968] Silverback Operating II, LLC
30-015-39653	ROO 22 STATE	#007	Oil	State	State	Active	D	22	175	28E	D	[330968] Silverback Operating II, LLC
30-015-39654	ROO 22 STATE	#008	Oil	State	State	Active	С	22	175	28E	С	[330968] Silverback Operating II, LLC
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30-015-40535	ROO 22 STATE	#013	Oil	State	State	Active	С	22	175	28E	С	[330968] Silverback Operating II, LLC
30-015-40533	ROO 22 STATE	#011	Oil	State	State	Active	K	22	175	28E	К	[330968] Silverback Operating II, LLC
30-015-40531	ROO 22 STATE	#009	Oil	State	State	Active	М	22	175	28E	М	[330968] Silverback Operating II, LLC
30-015-40532	ROO 22 STATE	#010	Oil	State	State	Active	N	22	175	28E	N	[330968] Silverback Operating II, LLC
30-015-40534	ROO 22 STATE	#012	Oil	State	State	Active	F	22	17\$	28E	F	[330968] Silverback Operating II, LLC
30-015-40855	ROO 22 STATE	#014	Oil	State	State	Active	D	22	17\$	28E	D	[330968] Silverback Operating II, LLC
30-015-40856	ROO 22 STATE	#015	Oil	State	State	Active	E	22	175	28E	E	[330968] Silverback Operating II, LLC
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30-015-39498	PIGLET 21 STATE	#002	Oil	State	State	Active	О	21	17 S	28E	[330968] Silverback Operating II, LLC
30-015-40163	PIGLET 21 STATE	#003	Oil	State	State	Active	Р	21	17 S	28E	[330968] Silverback Operating II, LLC
30-015-39499	PIGLET 21 STATE	#004	Oil	State	State	Active	M	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-39500	PIGLET 21 STATE	#005	Oil	State	State	Active	N	21	17 S	28E	[330968] Silverback Operating II, LLC
30-015-39501	PIGLET 21 STATE	#006	Oil	State	State	Active	L	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-39502	PIGLET 21 STATE	#007	Oil	State	State	Active	K	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-40432	PIGLET 21 STATE	#014	Oil	State	State	Active	L	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-40721	PIGLET 21 STATE	#015	Oil	State	State	Active	K	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-40723	PIGLET 21 STATE	#016	Oil	State	State	Active	M	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-40722	PIGLET 21 STATE	#017	Oil	State	State	Active	N	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-40433	PIGLET 21 STATE	#018	Oil	State	State	Active	Ο	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-40434	PIGLET 21 STATE	#019	Oil	State	State	Active	1	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-41169	PIGLET 21 STATE	#022	Oil	State	State	Active	Ο	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-41173	PIGLET 21 STATE	#023	Oil	State	State	Active	Ο	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-40861	PIGLET 21 STATE	#024	Oil	State	State	Active	Р	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-41174	PIGLET 21 STATE	#027	Oil	State	State	Active	L	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-41175	PIGLET 21 STATE	#028	Oil	State	State	Active	L	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-40820	PIGLET STATE SWD	#001	SWD	State	State	Active	J	21	17S	28E	[330968] Silverback Operating II, LLC

Released to Imaging: 11/8/2023 11:09:42 AM

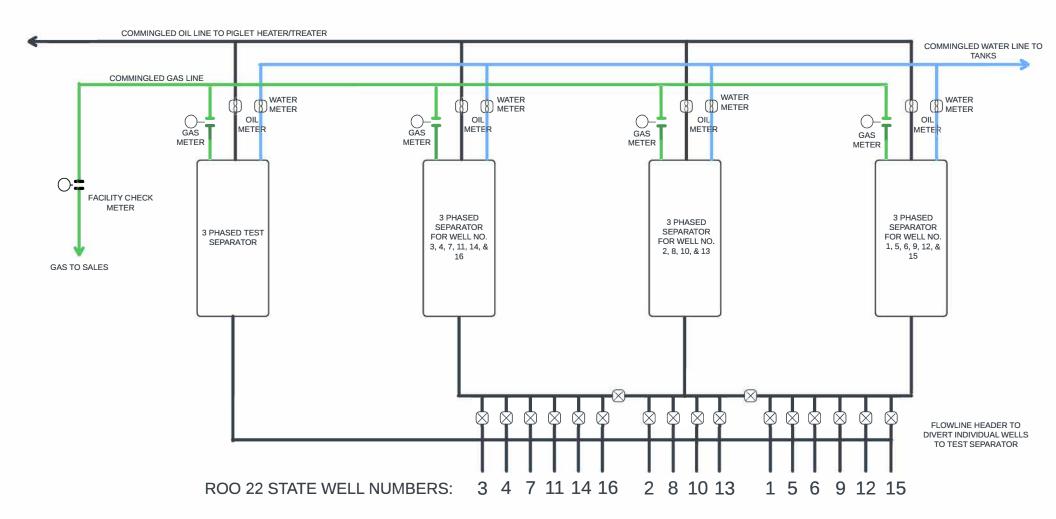
Measurement Allocation Process for Silverback's Roo 22 State Facility

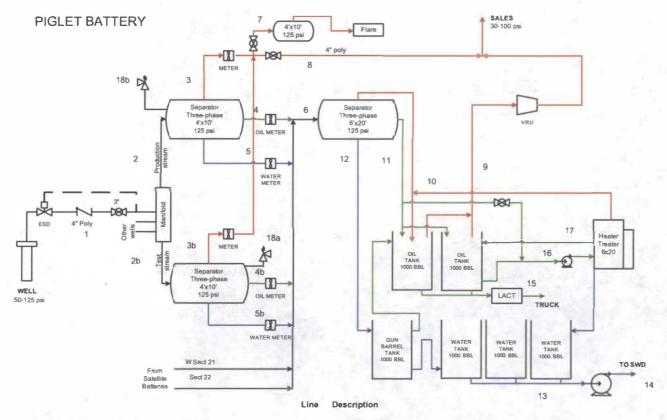
The Roo 22 State facility handles the production from sixteen Roo 22 State wells. There are three separate groups of wells on this lease with each group having varied ownership interests. Well Nos. 3, 4, 7, 11, 14, and 16 have common ownership interests and are one group. Well Nos. 2, 8, 10, and 13 have common ownership interests and are one group. Well Nos. 1, 5, 6, 9, 12, and 15 have common ownership interests and are one group. Silverback will measure the oil, water, and gas production from each group of wells prior to commingling each production stream.

Oil and Water Measurement: Each group of wells flow into their own independent three phased separator. A flowline header is used to divert the flow from each well to the appropriate separator. The oil and water are measured with turbine meters prior to comingling in common dump lines from the other two groups' three phased separators and a test separator. The test separator is used to periodically test individual wells so production can be allocated to each well based on these well tests. The oil and water volumes from the test separator is added to the daily volume of the appropriate group's bulk separator volumes depending on which well is being tested that day. The daily stock tank volumes are allocated back to each group of wells based on the percentage of contribution as determined by the volumes shown on the turbine meters and the test separator meters. These allocated stock tank volumes are credited to each group of wells, and ultimately, each well.

Gas Measurement: The gas volumes are allocated basically the same way as the liquid volumes are allocated with the exception of orifice gas meter runs with electronic flow meters are used. The gas is measured from each group's three phased separator and the test separator. The gas is commingled in a common gas line after measurement from each group's three phased separator and the test separator. Percentages are calculated using the volumes from each group's meter with the test separator gas volume being added to the appropriate group's volume. These percentages are then used to allocate volumes measured on the pipeline sales meter. A facility check meter measures our gas prior to leaving our facility to confirm no losses occur prior to the gas reaching the sales meter.

SILVERBACK ROO 22 STATE FACILITY DRAWING





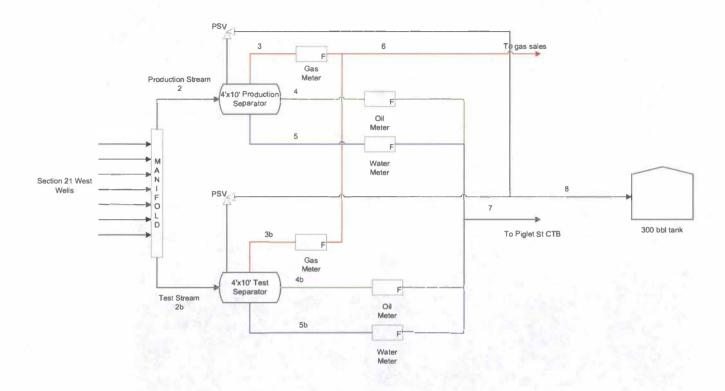
- 1 Produced gas, oil and water coming from section 22 state wells into the header
- 2 Produced gas, oil, and water coming off the automatic well testing header from the wells not on test and headed to the production separator.
- 2b Produced gas, oil, and water coming off the automatic well test header from the well on test and headed to the test separator.
- 3 Produced gas leaving the production separator headed to the gas meter.
- 3b Produced gas leaving the test separator headed to the gas meter.
- 4 Produced oil leaving the production separator headed to the oil meter.
- 4b Produced oil leaving the test separator headed to the oil meter.
- 5 Produced water leaving the production separator headed to the water meter.
- 5b Produced water leaving the test separator headed to the water meter.
- 6 Produced oil, water from W sect 21 Sect 22 to 6x20 production separator.
- 7- Produced gas to flare system.
- 8- Produced gas to sales pipeline and meter.
- 9- Tank vapors to vapor recovery unit.
- 10- Produced gas to oil tanks

- 11 Produced oil from 6'x20' production separator to 2-1000 bbl oil tanks.
- 12- Produced water from 6'x20' production separator to 1000 bbl Gunbarrel and Produced water tanks.
- 13- Produced water from tanks to low pressure transfer pump.
- 14- Produced water from pump to Judah SWD.
- 15- Produced oil from two 1000 bbl oil tanks to truck LACT units to sales.
- 16- Produced oil from two 1000 bbl oil tanks to recirculating pumps to bad oil heater treater.
- 17- Produced oil from heater treater to two 1000 bbl tanks.
- 18a/b- PSV fluids to produced water tanks.



Current Revision Number	Date	
Rev 1	Rev 1 - 5/14/12	
	178 Carl Lat	

Title:	Section 21 State Piglet CTB - Process Summary
Location	New Mexico Section 21 State
Origination Date:	5/14/2012
Revision:	1
Page:	1

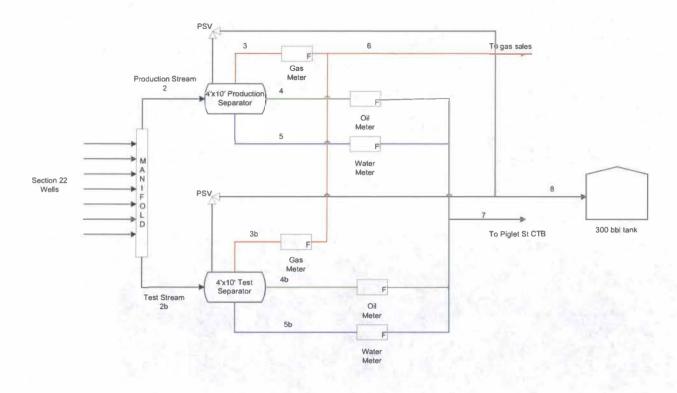


- 1 Produced gas, oil and water coming from section 21 west state wells into the header
- 2 Produced gas, oil, and water coming off the automatic well testing header from the wells not on test and headed to the production separator.
- 2b Produced gas, oil, and water coming off the automatic well test header from the well on test and headed to the test separator.
- 3 Produced gas leaving the production separator headed to the gas meter.
- 3b Produced gas leaving the test separator headed to the gas meter.
- 4 Produced oil leaving the production separator headed to the oil meter.
- 4b Produced oil leaving the test separator headed to the oil meter.
- 5 Produced water leaving the production separator headed to the water meter.
- 5b Produced water leaving the test separator headed to the water meter.
- 6 Total satellite produced gas from production/test separator to gas sales pipeline.
- 7- Total satellite produced water and oil from production/test separator to liquid pipeline headed to Piglet State central tank battery.
- 8- Emergency relief to 300 bbl tank.



Current Revision Number	Date	
Rev 1	Rev 1 - 5/14/12	

Location New Mexico Section 21 State East Origination Date: 5/14/2012 Revision: 1 Page: 1	Title:	Section 21 State East Satellite - Process Summary
Revision:	Location	New Mexico Section 21 State East
	Origination Date:	5/14/2012
Page: 1	Revision:	1
	Page:	1



- 1 Produced gas, oil and water coming from section 22 state wells into the header
- 2 Produced gas, oil, and water coming off the automatic well testing header from the wells not on test and headed to the production separator.
- 2b Produced gas, oil, and water coming off the automatic well test header from the well on test and headed to the test separator.
- 3 Produced gas leaving the production separator headed to the gas meter.
- 3b Produced gas leaving the test separator headed to the gas meter.
- 4 Produced oil leaving the production separator headed to the oil meter.
- 4b Produced oil leaving the test separator headed to the oil meter.
- 5 Produced water leaving the production separator headed to the water meter.
- 5b Produced water leaving the test separator headed to the water meter.
- 6 Total satellite produced gas from production/test separator to gas sales pipeline.
- 7- Total satellite produced water and oil from production/test separator to liquid pipeline headed to Piglet State central tank battery.
- 8- Emergency relief to 300 bbl tank.



Current Revision Number	Date	
Rev 1	Rev 1 - 5/14/12	

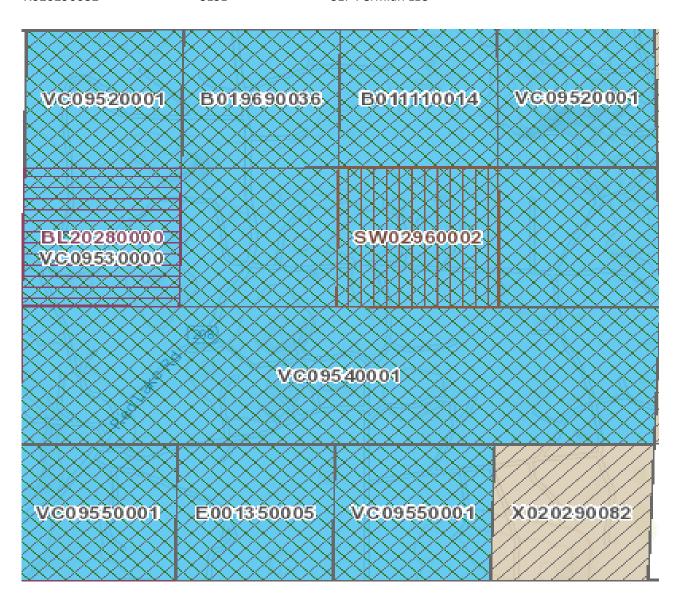
Title:	Section 22 State Satellite - Process Summa
Location	New Mexico Section 22 State

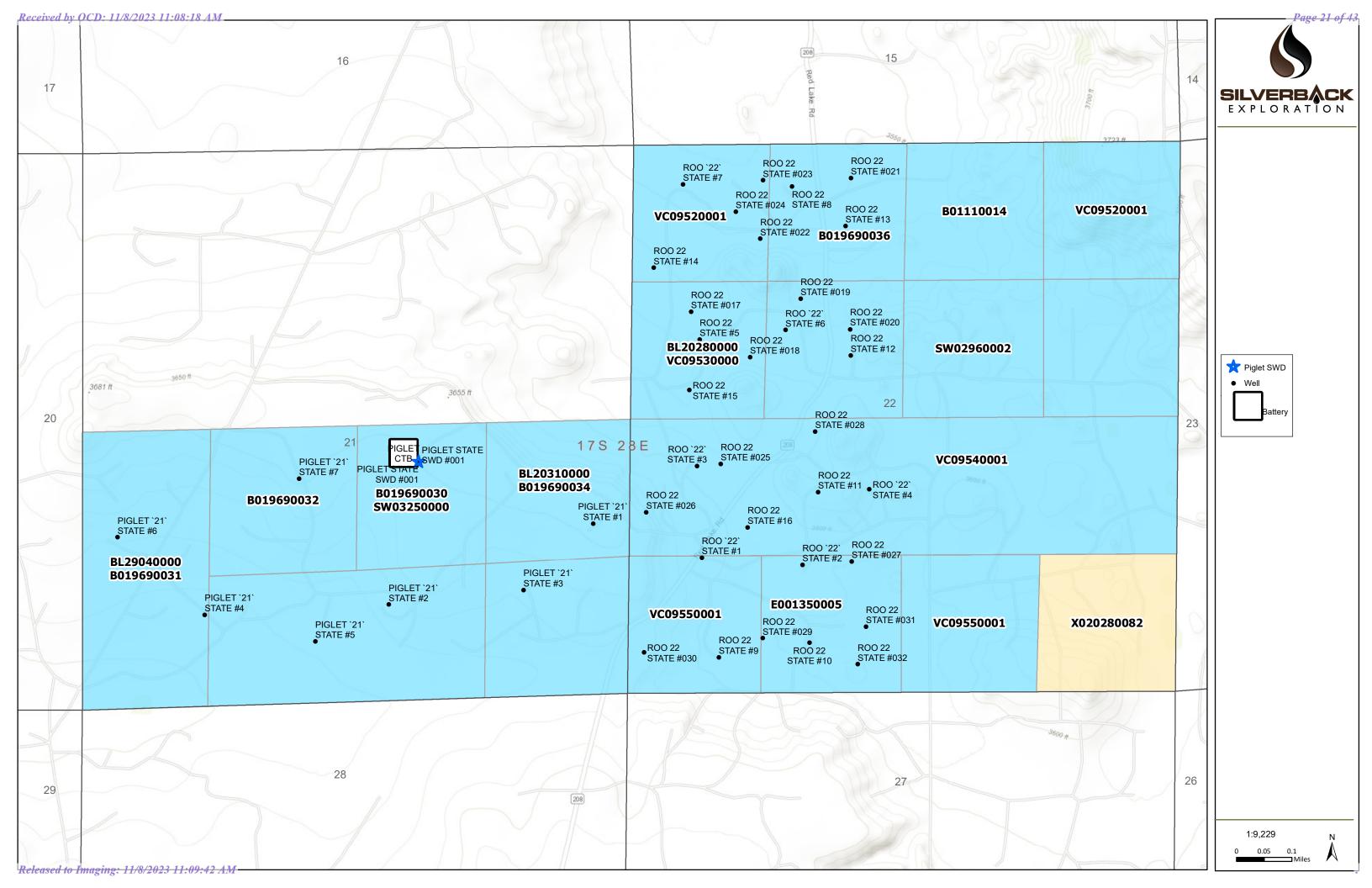
Origination Date: 5/14/2012
Revision: 1

Page:

22-17S-228E	22-	·17S	-228E	Ξ
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SLO Lease ID	QQ	Record Title	Wells	Group #
VC09520001	NWNW, NENE	SEP Permian LLC	7,14	3
B019690036	NENW	ZPZ Delaware I LLC	8,13	1
B011110014	NWNE	ZPZ Delaware I LLC		
VC09530000	S2N2	SEP Permian LLC	5,15,6,12	2
VC09540001	N2S2	SEP Permian LLC	3, 4,11,16	3
VC09550001	SWSW, SWSE	SEP Permian LLC	1,9	2
E001350005	SESW	ConocoPhillips Co.; Chisos, Ltd.	2, 10	1
X020290082	SESE	SEP Permian LLC		







19707 IH 10 West SUITE 201 SAN ANTONIO, TEXAS 78257

210-585-3316 WWW.SILVERBACKEXP.COM

April 12, 2023

Certified Mail-Return Receipt

Re: Application for Surface Commingling for Oil Production at the Roo State Facility in Eddy County, New Mexico.

Dear Interest Owner:

In accordance with 19.15.4.12 NMAC, this notice is to advise you that Silverback Operating II, LLC. is filing for an amendment to the surface commingling Order No. PLC-362 for the Roo State Facility. We are requesting to add new leases to be commingled with the Roo State Facility. A copy of the application submitted to the New Mexico Oil Conservation Division is attached.

Any objections or requests for a hearing regarding this application must be submitted to the New Mexico Oil Conservation Division Santa Fe Office within 20 Days from the date of this letter.

Pursuant to Statewide rule 19.15.12.10(C)(4)(g) requests the option to include additional pools or leases within the defined parameters set forth in the order for future additions.

For questions regarding this application, please contact Fatma Abdallah at 210-585-3316.

Respectfully,

Fatma Abdallah

Fatma Abdallah Regulatory Manager Silverback Operating II, LLC 210-585-3316.

Amendment to Order No. PLC-362 Roo State Wells Commingle Application

Exhibit A- Notice List

Penroc Oil Corporation P O BOX 2769 HOBBS, NM 88241-2769

Chisos Ltd. 1331 LAMAR ST STE 1077 HOUSTON, TX 77010-3135

ZPZ Delaware I LLC 2000 Post Oak Blvd. Houston, TX 77056-4499

SEP Permian LLC PO BOX 79840 HOUSTON, TX 77279-9840

Longfellow LH LLC 8115 PRESTON RD STE 800 DALLAS, TX 75225-6335

Wilson Oil Company Ltd. PO BOX 1297 SANTA FE, NM 87504-1297

Gretchen B. Nearburg 1129 CHALLENGER LAKEWAY, TX 78734-3825

ConocoPhillips 600 W. ILLINOIS AVE. MIDLAND, TX 79701

Penasco Petroleum LLC PO BOX 2292 ROSWELL, NM 88202-2292

Lucinda Loveless Revocable Trust PO BOX 8 HONDO, NM 88336-0008

Richardson Mineral Royalty LLC PO BOX 2423 ROSWELL, NM 88202-2423 Manix Royalty Ltd. PO BOX 2818 MIDLAND, TX 79702-2818

John & Theresa Hillman Family Properties PO BOX 50187 MIDLAND, TX 79710-0187

New Mexico State Land Office 310 Old Santa Fe Trail SANTA FE, NM 87501

Rolla R. Hinkle, III PO BOX 2292 ROSWELL, NM 88202-2292

Berrendo Assets, LLC PO BOX 12454 DALLAS, TX 75225-0454

B R Land and Cattle, LLC PO BOX 2243 LONGVIEW, TX 75606-2243

Nestegg Energy Corporation 2308 SIERRA VISTA RD ARTESIA, NM 88210-9409



































NEW MEXICO STATE LAND OFFICE

APPLICATION FOR

COMMINGLING AND OFF-LEASE STORAGE ON STATE TRUST LANDS



This application form is required for all commingling applications requiring approval by the Commissioner of Public Lands.

Applicant: Silverback	Operating II, LLC	OGRID #: 330968	
Well Name: Roo 22	State # 001-016 & Piglet 21 State Wells	API #: 30-015-40535	
Pool: Artesia; Glorie	ta-Yeso		
OPERATOR NAME:	Silverback Operating II, LLC		
OPERATOR ADDRESS	<u>19707 I-10, San Antonio, TX 78256</u>		

APPLICATION REQUIREMENTS - SUBMIT:

- 1. New Mexico Oil Conservation Division (NMOCD) application packet (or equivalent information if no application is required by NMOCD),
- 2. Commingling application fee of \$150.

CERTIFICATION: To the best of my knowledge,

- All business leases and rights-of-way necessary for conducting the proposed operation on State Trust lands have been applied for or obtained,
- The information submitted with this application is accurate and complete, and
- No loss will accrue to the state of New Mexico as a result of the proposed operation.

I also understand that **no action** will be taken on this application until the required information and fee are submitted to the State Land Office.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Fatma Abdallah	
Print or Type Name	
Fatma Abdallah	210-585-3316
Signature	Phone Number
04/12/2023	fabdallah@silverbackexp.com
Date	e-mail Address

Submit application to:

Commissioner of Public Lands Attn: Commingling Manager PO Box 1148 Santa Fe, NM 87504-1148 Questions?
Contact the Commingling Manager: 505.827.6628

Upon approval, the requesting organization will receive an acknowledgment letter from the Commissioner of Public Lands.

State of New Mexico Commissioner of Lands -Proof of mailing

The UPS Store #5218 17503 La Cantera Pkwy Ste 104 San Antonio, TX 78257-8209 210-694-6550

Terminal...: POS5218B Date.: 4/14/2023 Employee...: 255076 Time.: 11:40 AM

Cashier's Name Ronda

 Subtotal
 \$8.32

 Shipping/Other Charges
 \$0.00

 Total tax
 \$0.00

 Total
 \$8.32

\$8.32

Cards

Items Designated NR are MOT eligible for Returns, Refunds or Exchanges.

US Postal Rates Are Subject to Surcharge.



View The UPS Store, Inc.'s privacy notice at https://www.theupsstore.com/privacy-policy



19707 IH 10 West SUITE 201 SAN ANTONIO, TEXAS 78257

210-585-3316 WWW.SILVERBACKEXP.COM

April 12, 2023

Certified Mail-Return Receipt

Re: Application for Surface Commingling for Oil Production at the Roo State Facility in Eddy County, New Mexico.

Dear Interest Owner:

In accordance with 19.15.4.12 NMAC, this notice is to advise you that Silverback Operating II, LLC. is filing for an amendment to the surface commingling Order No. PLC-362 for the Roo State Facility. We are requesting to add new leases to be commingled with the Roo State Facility. A copy of the application submitted to the New Mexico Oil Conservation Division is attached.

Any objections or requests for a hearing regarding this application must be submitted to the New Mexico Oil Conservation Division Santa Fe Office within 20 Days from the date of this letter.

Pursuant to Statewide rule 19.15.12.10(C)(4)(g) requests the option to include additional pools or leases within the defined parameters set forth in the order for future additions.

For questions regarding this application, please contact Fatma Abdallah at 210-585-3316.

Respectfully,

Fatma Abdallah

Fatma Abdallah Regulatory Manager Silverback Operating II, LLC 210-585-3316. <u>District I</u> 1625 N. French Drive, Hobbs, NM 88240 <u>District II</u> 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 Form C-107-B Revised August 1, 2011

Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

APPLICA	ATION FOR SURFACE (COMMINGLING	(DIVERSE	OWNERSHIP)		
OPERATOR NAME:	Silverback Operating II, LI	LC.				
OPERATOR ADDRESS:	19707 I-10, San Antonio, 7	ΓX 78256				
APPLICATION TYPE:						
☐ Pool Commingling X Lease	Commingling Pool and Lease Com	nmingling Off-Lease	Storage and Measur	rement (Only if not Surface	e Commingled)	
LEASE TYPE:	ee 🗌 State 🔲 Feder	ral				
	sting Order? XYes No If					
Have the Bureau of Land Ma XYes □No	anagement (BLM) and State Land	office (SLO) been not	ified in writing o	of the proposed commi	ingling	
	. ,	L COMMINGLINGS 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	
			_			
			_			
			_			
(2) Are any wells producing a	at top allowables? Tyes TNo					
(4) Measurement type: \(\square\)	en notified by certified mail of the pro- Metering		☐Yes ☐No.	ing should be approved		
		SE COMMINGLIN s with the following ir				
	ne source of supply? Yes XNon notified by certified mail of the propetering X Other (Specify) Well T	osed commingling?	X Yes □N	0		
(C) POOL and LEASE COMMINGLING Please attach sheets with the following information						
(1) Complete Sections A and		s with the following in	погшаноп			
	(D) OFF-LEASE ST	ORAGE and MEA	SUREMENT			
41		ets with the following	information			
(1) Is all production from sam(2) Include proof of notice to	— —	0				
	(E) ADDITIONAL INFO	RMATION (for all	application ty	vpes)		
		s with the following ir				
(2) A plat with lease boundari	ncility, including legal location. ies showing all well and facility location. Well Numbers, and API Numbers.			ate lands are involved.		
I hereby certify that the informat	tion above is true and complete to the	best of my knowledge an	d belief.			
SIGNATURE: Fatma	Abdallah TI	TLE: Regulatory Manag	er	DATE:_ ^{04/1} 1/2	2023	
TYPE OR PRINT NAME_Fats	ma Abdallah		TEL	EPHONE NO.: 210-585	5-3316	
E MAIL ADDDECC, fahdallah	@silverbackeyn.com					

API	Well Name	Well Number	Туре	Mineral Owner	Surface Owner	Status	Unit Letter	Section	Township	Range	OCD Unit Letter	Current Operator
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30-015-39498	PIGLET 21 STATE	#002	Oil	State	State	Active	0	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-40163	PIGLET 21 STATE	#003	Oil	State	State	Active	Р	21	17 S	28E	[330968] Silverback Operating II, LLC
30-015-39499	PIGLET 21 STATE	#004	Oil	State	State	Active	M	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-39500	PIGLET 21 STATE	#005	Oil	State	State	Active	N	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-39501	PIGLET 21 STATE	#006	Oil	State	State	Active	L	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-39502	PIGLET 21 STATE	#007	Oil	State	State	Active	K	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-40432	PIGLET 21 STATE	#014	Oil	State	State	Active	L	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-40721	PIGLET 21 STATE	#015	Oil	State	State	Active	K	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-40723	PIGLET 21 STATE	#016	Oil	State	State	Active	M	21	17 S	28E	[330968] Silverback Operating II, LLC
30-015-40722	PIGLET 21 STATE	#017	Oil	State	State	Active	N	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-40433	PIGLET 21 STATE	#018	Oil	State	State	Active	0	21	17 S	28E	[330968] Silverback Operating II, LLC
30-015-40434	PIGLET 21 STATE	#019	Oil	State	State	Active	1	21	17 S	28E	[330968] Silverback Operating II, LLC
30-015-41169	PIGLET 21 STATE	#022	Oil	State	State	Active	0	21	17 S	28E	[330968] Silverback Operating II, LLC
30-015-41173	PIGLET 21 STATE	#023	Oil	State	State	Active	0	21	17 S	28E	[330968] Silverback Operating II, LLC
30-015-40861	PIGLET 21 STATE	#024	Oil	State	State	Active	Р	21	17S	28E	[330968] Silverback Operating II, LLC
30-015-41174	PIGLET 21 STATE	#027	Oil	State	State	Active	L	21	17 S	28E	[330968] Silverback Operating II, LLC
30-015-41175	PIGLET 21 STATE	#028	Oil	State	State	Active	L	21	17 S	28E	[330968] Silverback Operating II, LLC
30-015-40820	PIGLET STATE SWD	#001	SWD	State	State	Active	J	21	17 S	28E	[330968] Silverback Operating II, LLC

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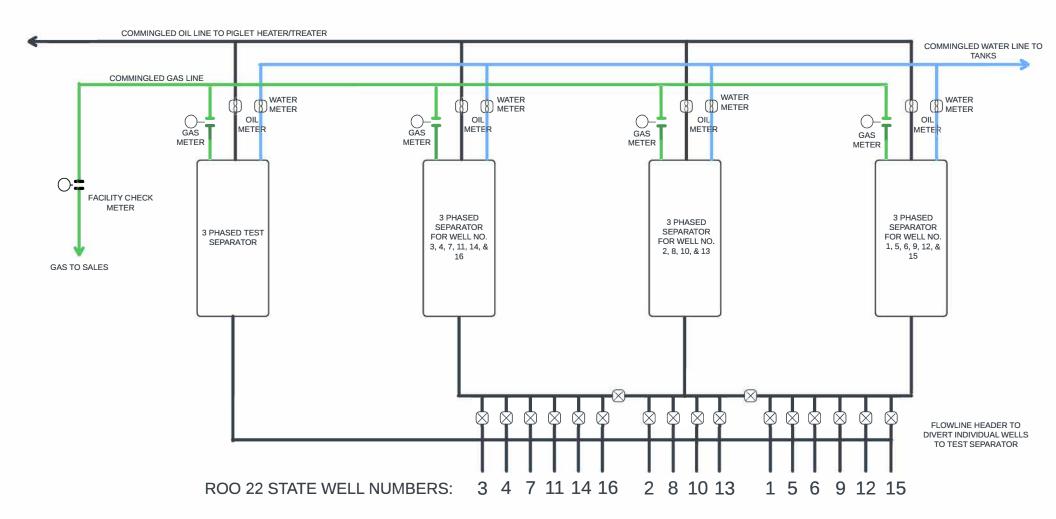
Measurement Allocation Process for Silverback's Roo 22 State Facility

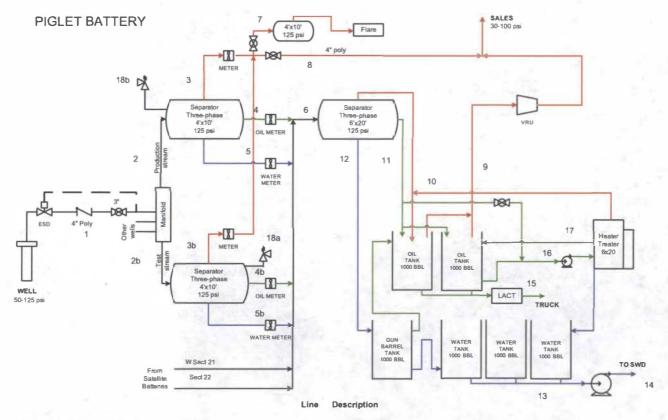
The Roo 22 State facility handles the production from sixteen Roo 22 State wells. There are three separate groups of wells on this lease with each group having varied ownership interests. Well Nos. 3, 4, 7, 11, 14, and 16 have common ownership interests and are one group. Well Nos. 2, 8, 10, and 13 have common ownership interests and are one group. Well Nos. 1, 5, 6, 9, 12, and 15 have common ownership interests and are one group. Silverback will measure the oil, water, and gas production from each group of wells prior to commingling each production stream.

Oil and Water Measurement: Each group of wells flow into their own independent three phased separator. A flowline header is used to divert the flow from each well to the appropriate separator. The oil and water are measured with turbine meters prior to comingling in common dump lines from the other two groups' three phased separators and a test separator. The test separator is used to periodically test individual wells so production can be allocated to each well based on these well tests. The oil and water volumes from the test separator is added to the daily volume of the appropriate group's bulk separator volumes depending on which well is being tested that day. The daily stock tank volumes are allocated back to each group of wells based on the percentage of contribution as determined by the volumes shown on the turbine meters and the test separator meters. These allocated stock tank volumes are credited to each group of wells, and ultimately, each well.

Gas Measurement: The gas volumes are allocated basically the same way as the liquid volumes are allocated with the exception of orifice gas meter runs with electronic flow meters are used. The gas is measured from each group's three phased separator and the test separator. The gas is commingled in a common gas line after measurement from each group's three phased separator and the test separator. Percentages are calculated using the volumes from each group's meter with the test separator gas volume being added to the appropriate group's volume. These percentages are then used to allocate volumes measured on the pipeline sales meter. A facility check meter measures our gas prior to leaving our facility to confirm no losses occur prior to the gas reaching the sales meter.

SILVERBACK ROO 22 STATE FACILITY DRAWING





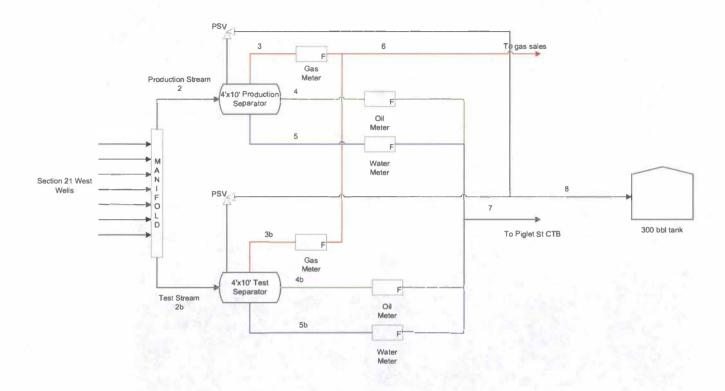
- 1 Produced gas, oil and water coming from section 22 state wells into the header
- 2 Produced gas, oil, and water coming off the automatic well testing header from the wells not on test and headed to the production separator.
- 2b Produced gas, oil, and water coming off the automatic well test header from the well on test and headed to the test separator.
- 3 Produced gas leaving the production separator headed to the gas meter.
- 3b Produced gas leaving the test separator headed to the gas meter.
- 4 Produced oil leaving the production separator headed to the oil meter.
- 4b Produced oil leaving the test separator headed to the oil meter.
- 5 Produced water leaving the production separator headed to the water meter.
- 5b Produced water leaving the test separator headed to the water meter.
- 6 Produced oil, water from W sect 21 Sect 22 to 6x20 production separator.
- 7- Produced gas to flare system.
- 8- Produced gas to sales pipeline and meter.
- 9- Tank vapors to vapor recovery unit.
- 10- Produced gas to oil tanks

- 11 Produced oil from 6'x20' production separator to 2-1000 bbl oil tanks.
- 12- Produced water from 6'x20' production separator to 1000 bbl Gunbarrel and Produced water tanks.
- 13- Produced water from tanks to low pressure transfer pump.
- 14- Produced water from pump to Judah SWD.
- 15- Produced oil from two 1000 bbl oil tanks to truck LACT units to sales.
- 16- Produced oil from two 1000 bbl oil tanks to recirculating pumps to bad oil heater treater.
- 17- Produced oil from heater treater to two 1000 bbl tanks.
- 18a/b- PSV fluids to produced water tanks.



Current Revision Number	Date	
Rev 1	Rev 1 - 5/14/12	

Title:	Section 21 State Piglet CTB - Process Summar
Location	New Mexico Section 21 State
Origination Date:	5/14/2012
Revision:	1
Page	1

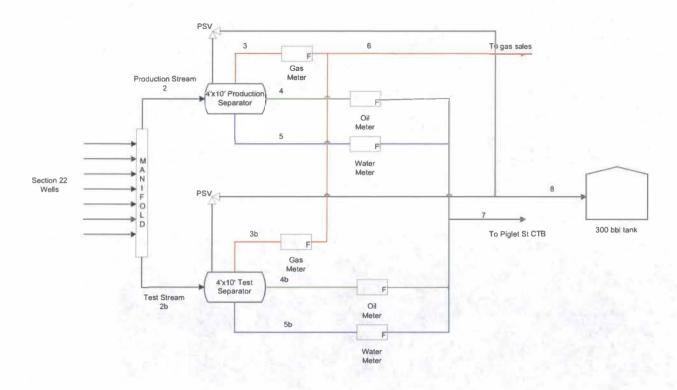


- 1 Produced gas, oil and water coming from section 21 west state wells into the header
- 2 Produced gas, oil, and water coming off the automatic well testing header from the wells not on test and headed to the production separator.
- 2b Produced gas, oil, and water coming off the automatic well test header from the well on test and headed to the test separator.
- 3 Produced gas leaving the production separator headed to the gas meter.
- 3b Produced gas leaving the test separator headed to the gas meter.
- 4 Produced oil leaving the production separator headed to the oil meter.
- 4b Produced oil leaving the test separator headed to the oil meter.
- 5 Produced water leaving the production separator headed to the water meter.
- 5b Produced water leaving the test separator headed to the water meter.
- 6 Total satellite produced gas from production/test separator to gas sales pipeline.
- 7- Total satellite produced water and oil from production/test separator to liquid pipeline headed to Piglet State central tank battery.
- 8- Emergency relief to 300 bbl tank.



Current Revision Number	Date	
Rev 1	Rev 1 - 5/14/12	

Title:	Section 21 State East Satellite - Process Summary
Location	New Mexico Section 21 State East
Origination Date:	5/14/2012
Revision:	1
Page:	1



- 1 Produced gas, oil and water coming from section 22 state wells into the header
- 2 Produced gas, oil, and water coming off the automatic well testing header from the wells not on test and headed to the production separator.
- 2b Produced gas, oil, and water coming off the automatic well test header from the well on test and headed to the test separator.
- 3 Produced gas leaving the production separator headed to the gas meter.
- 3b Produced gas leaving the test separator headed to the gas meter.
- 4 Produced oil leaving the production separator headed to the oil meter.
- 4b Produced oil leaving the test separator headed to the oil meter.
- 5 Produced water leaving the production separator headed to the water meter.
- 5b Produced water leaving the test separator headed to the water meter.
- 6 Total satellite produced gas from production/test separator to gas sales pipeline.
- 7- Total satellite produced water and oil from production/test separator to liquid pipeline headed to Piglet State central tank battery.
- 8- Emergency relief to 300 bbl tank.



Current Revision Number	Date	
Rev 1	Rev 1 - 5/14/12	

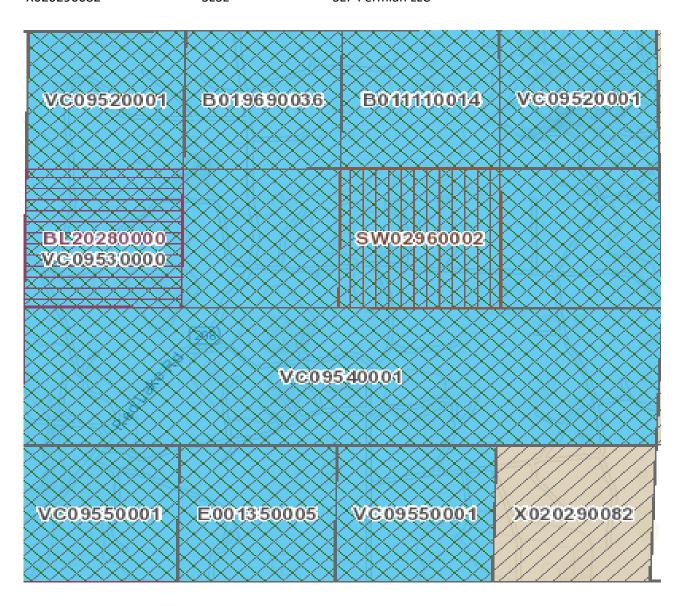
Title:	Section 22 State Satellite - Process Summary
Location	New Mexico Section 22 State
Origination Date:	5/14/2012

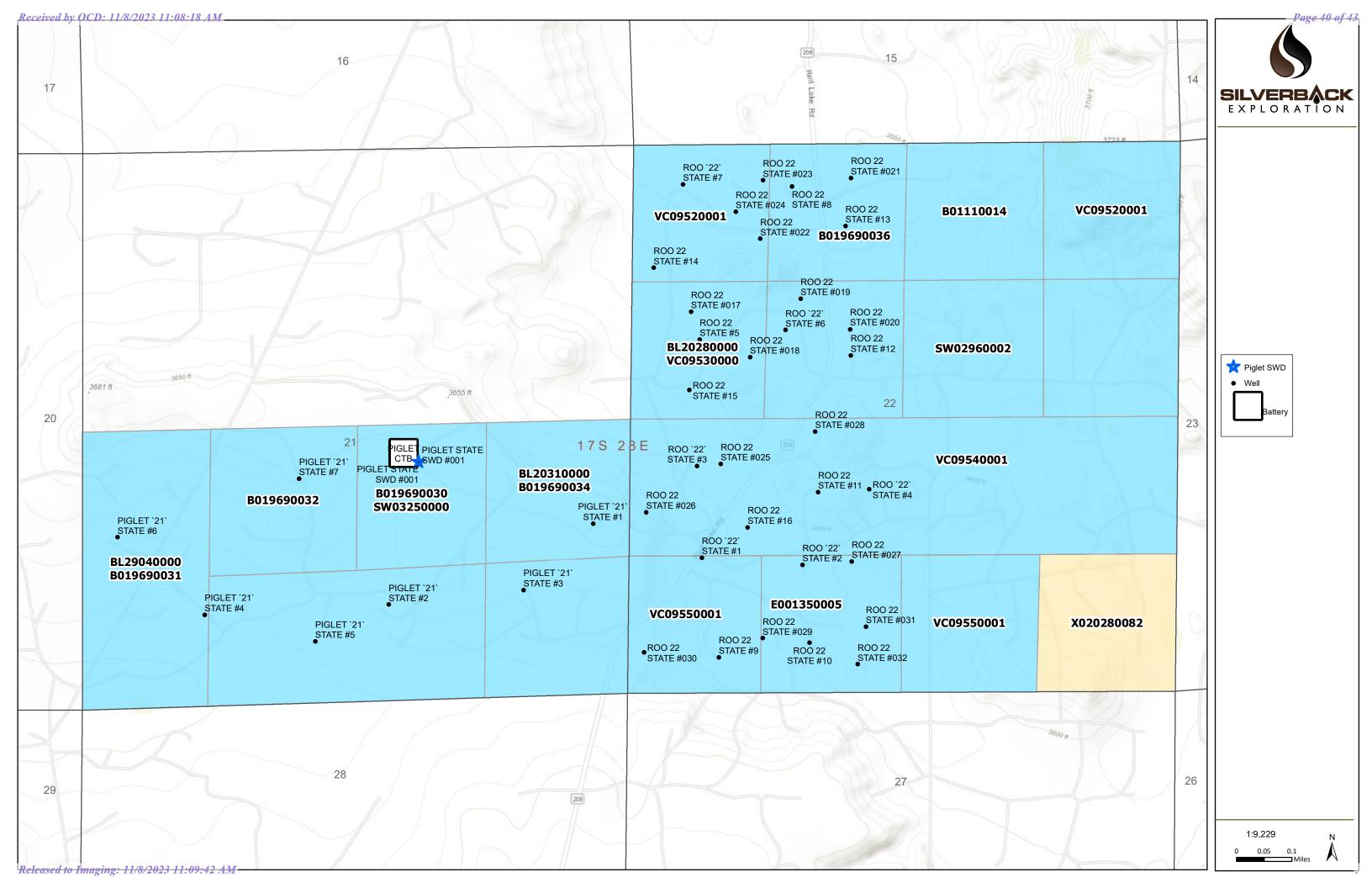
Origination Date: 5/14/201

Page:

22-17S-27	28E
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SLO Lease ID	QQ	Record Title	Wells	Group #
VC09520001	NWNW, NENE	SEP Permian LLC	7,14	3
B019690036	NENW	ZPZ Delaware I LLC	8,13	1
B011110014	NWNE	ZPZ Delaware I LLC		
VC09530000	S2N2	SEP Permian LLC	5,15,6,12	2
VC09540001	N2S2	SEP Permian LLC	3, 4,11,16	3
VC09550001	SWSW, SWSE	SEP Permian LLC	1,9	2
E001350005	SESW	ConocoPhillips Co.; Chisos, Ltd.	2, 10	1
X020290082	SESE	SEP Permian LLC		





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FAQs >

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FAQs

District I
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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

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**

CONDITIONS

Action 283858

CONDITIONS

Operator:	OGRID:
Silverback Operating II, LLC	330968
19707 IH10 West, Suite 201	Action Number:
San Antonio, TX 78256	283858
	Action Type:
	[IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	APPLICATION REJECTED	11/8/2023