Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-045-25284

5. Indicate Type of Lease STATE [X] FEE [ ]

6. State Oil & Gas Lease No. SF-078416-A

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: Wilch A

1. Type of Well: Oil Well [ ] Gas Well [x] Other

8. Well Number 003E

2. Name of Operator: SIMCOE LLC

9. OGRID Number: 329736

3. Address of Operator: 1199 Main Avenue, Ste 101, Durango, CO 81301

10. Pool name or Wildcat: Blanco Mesaverde/Basin Dakota

4. Well Location
Unit Letter I : 1770 feet from the SOUTH line and 900 feet from the EAST line
Section 23 Township 29N Range 08W NMPM County AZTEC

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	[ ]	PLUG AND ABANDON	[ ]	REMEDIAL WORK	[ ]	ALTERING CASING	[ ]
TEMPORARILY ABANDON	[ ]	CHANGE PLANS	[ ]	COMMENCE DRILLING OPNS.	[ ]	P AND A	[ ]
PULL OR ALTER CASING	[ ]	MULTIPLE COMPL	[ ]	CASING/CEMENT JOB	[ ]		
DOWNHOLE COMMINGLE	[ ]						
CLOSED-LOOP SYSTEM	[ ]						
OTHER:		RECOMPLETE	[X]	OTHER:			[ ]

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

It is intended to recomplete the subject well in the Blanco Mesaverde (pool 72319) and downhole commingle the existing Basin Dakota (pool 71599) with the Mesaverde. The production will be commingled per Oil Conservation Division Order Number 11363. Allocation and methodology will be provided after the well is completed. Commingling will not reduce the value of the production. Proposed perforations are: MV – 4658' - 5375' These perforations are in MD.

Spud Date: Rig Release Date:

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

SIGNATURE Gina Doerner TITLE Regulatory Analyst DATE 6/27/2022

Type or print name Gina Doerner E-mail address: gina.doerner@ikavenergy.com PHONE: 970-852-0082

For State Use Only

APPROVED BY: TITLE DATE

Conditions of Approval (if any):

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

Form C-102
August 1, 2011

Permit 315432

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool Name
30-045-25284	72319	BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code	**5. Property Name**	**6. Well No.**
327793	Wilch A	003
7. OGRID No.	**8. Operator Name**	**9. Elevation**
329736	SIMCOE LLC	6375

10. Surface Location

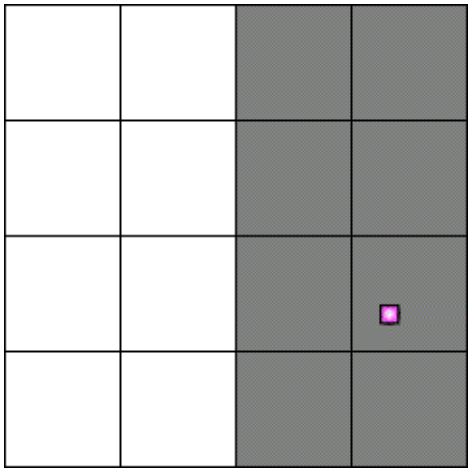
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	23	29N	08W		1770	S	900	E	Aztec

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County

12. Dedicated Acres	13. Joint or Infill	14. Consolidation Code	15. Order No.
320.00 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



OPERATOR CERTIFICATION

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

E-Signed By: Gina Doerner
Title: Regulatory Analyst
Date: 5/4/2022

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Surveyed By: Fred Kerr, Jr.
Date of Survey: 8/14/1980
Certificate Number: 3950

WILCH A #003E

I-23-29N-08W 1770 FSL & 900 FEL

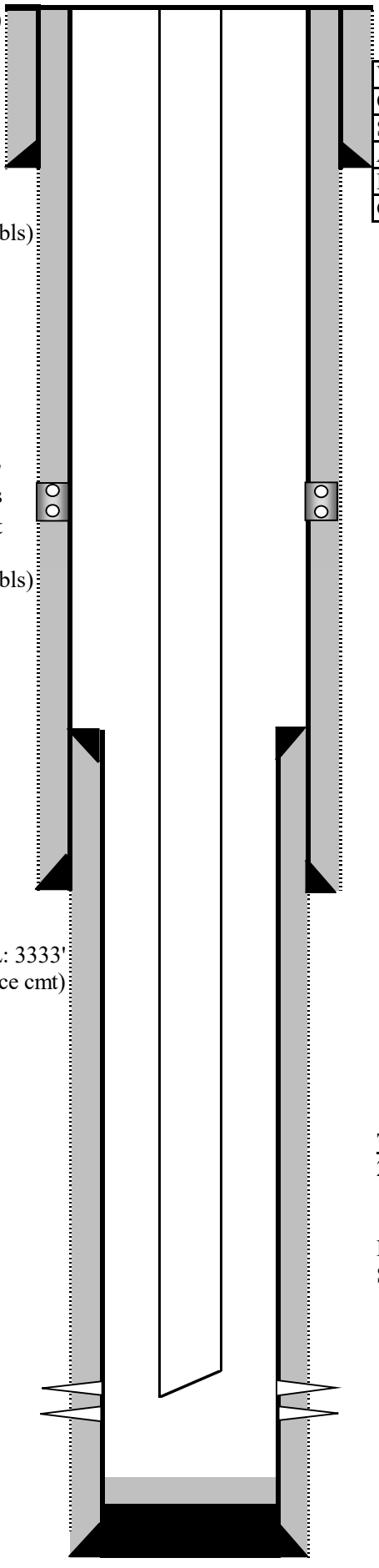
API: 30-045-25284

MESAVERDE RECOMPLETION PROCEDURE

Procedure

1. Rig up slickline unit and pull plunger equipment. If unable to pull everything, set a 3 slip above junk in the tubing.
2. MIRU service rig and equipment
3. NU BOPs. POOH w/ production tubing.
4. Make a casing scraper run.
5. Set a CIBP 100' above top DK perf.
6. Swap out existing wellhead components for 5k rated wellhead (WSI).
7. Load the casing and pressure test casing to 4000 psi.
8. Run CBL (entire well) and porosity log (4500-5500').
9. If necessary, perforate liner and pump Class G cement behind the liner to get good cement bond across MV interval.
10. ND BOPs. NU frac stack and test to 4000 psi.
11. RDMO service rig. MIRU frac spread.
12. Perforate and frac the MV from 4658' – 5375'. RDMO frac spread.
13. MIRU service rig.
14. NU BOPs. RIH and clean out to DK CIBP.
15. When water and sand rates are acceptable, flow test the MV.
16. Drill out DK CIBP. POOH w/ tubing.
17. RIH and land production tubing. Obtain a commingled flow rate.
18. ND BOPs, NUWH.
19. RDMO service rig and put well on production.

WILCH A 003E-DK



TOC: Surface (circ.)

Surface Casing Data
12-1/4" Hole
9-5/8", 36#, K-55 ST&C @ 288'
200 sxs cmt

TOC: Surface (circ. 30 bbls)

DV TOOL 2192'
2nd stage: 185 sxs cls B econolite, tail w/ 100 sxs cls B cmt

TOC: @ DV tool (circ. 10 bbls)

Production Casing Data
8-3/4" Hole
7", 23#, K-55 ST&C @ 3500'
1st stage: 60 sxs econolite, tail w/ 150 sxs cls B cmt

TOL: 3333'
TOC @ TOL (R/O trace cmt)

WELL	WILCH A 3E
COUNTY	SAN JUAN
STATE	NEW MEXICO
API No.	3004525284
RKB ELEVATION	6387
GL ELEVATION	6375

Tubing Data
2-3/8", 4.7#, J-55 8rd @ 7346'

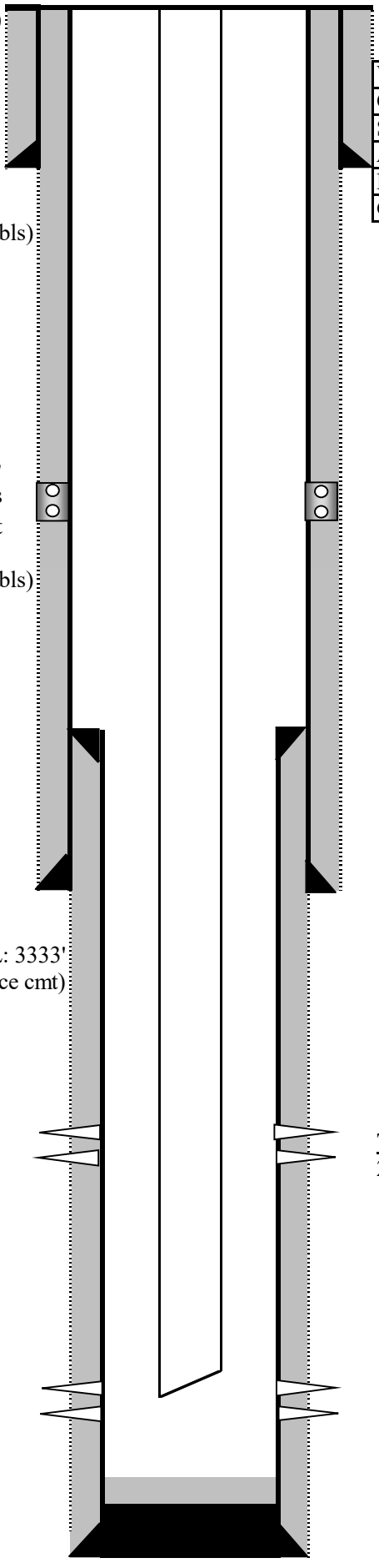
Nipple Data
SN @ 7331

DK COMPLETION
7294'-7432' gross interval (2spf)
frac'd w/ 136,000# 20/40 snd & 30# XL gel

Production Liner Data
6-1/4" Hole
4-1/2", 10.5 & 11.6# K-55 ST&C @ 3333'-7550'
(80 jts 10.5# @ 3333'-6965')
(13 jts 11.6# @ 6965'-7550')
360 sxs cls B econolite, tail w/ 150 sxs cls B cmt

PBTD 7,509'
TD 7,560'

WILCH A 003E-DK



TOC: Surface (circ.)

Surface Casing Data
12-1/4" Hole
9-5/8", 36#, K-55 ST&C @ 288'
200 sxs cmt

TOC: Surface (circ. 30 bbls)

DV TOOL 2192'
2nd stage: 185 sxs cls B econolite, tail w/ 100 sxs cls B cmt

TOC: @ DV tool (circ. 10 bbls)

Production Casing Data
8-3/4" Hole
7", 23#, K-55 ST&C @ 3500'
1st stage: 60 sxs econolite, tail w/ 150 sxs cls B cmt

TOL: 3333'
TOC @ TOL (R/O trace cmt)

Proposed MV Perfs
4811-5375' Gross Interval

Tubing Data
2-3/8", 4.7#, J-55 8rd @ 7390'

DK COMPLETION
7294'-7432' gross interval (2spf)
frac'd w/ 136,000# 20/40 snd & 30# XL gel

Production Liner Data
6-1/4" Hole
4-1/2", 10.5 & 11.6# K-55 ST&C @ 3333'-7550'
(80 jts 10.5# @ 3333'-6965')
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360 sxs cls B econolite, tail w/ 150 sxs cls B cmt

PBTD 7,509'
TD 7,560'

WELL	WILCH A 3E
COUNTY	SAN JUAN
STATE	NEW MEXICO
API No.	3004525284
RKB ELEVATION	6387
GL ELEVATION	6375

IV. Separation Equipment: A complete description of how Operator will size separation equipment to optimize gas capture.

- SIMCOE production locations include separation equipment designed to separate gas from liquid phases. Equipment sizing is based on estimated volumes and pressures, as well as historical basin knowledge. Flowback separation equipment and production separation equipment will be utilized. Both of which are built and maintained to industry standards. Following the recompletion, gas will be sent to sales, depending on the gas composition. Since SIMCOE is performing work at an existing well location, which includes separation equipment, the well is already tied into an existing gas line therefore once the well is shown to meet pipeline spec it will go to sales.

VII. Operational Practices

1. **Subsection (A) Venting and Flaring of Natural Gas**

- SIMCOE understands the requirements of NMAC 19.15.27.8 which outlines that the venting or flaring of natural gas during drilling, completion, or production operations that constitutes waste as defined in 19.15.2 NMAC is prohibited. SIMCOE does not plan to flare.

2. **Subsection (B) Venting and flaring during drilling operations**
   - This application is not for drilling operations.
3. **Subsection (C) Venting and flaring during completion or recompletion operations.**
   - During initial flowback, SIMCOE will route flowback fluids into a completion or storage tank and, if technically feasible under the applicable well conditions, flare rather than vent and commence operation of a separator as soon as it is technically feasible for a separator to function.
   - During separation flowback, SIMCOE will capture and route natural gas from the separation equipment to a gas flowline or collection system or use on-site as a fuel source or other purpose that a purchased fuel or raw material would serve.
   - Should natural gas not meet gathering pipeline quality specifications, rule 19.15.27.8.C.3 will be met.
4. **Subsection (D) Venting and flaring during production operations.**
   - For liquids unloading by manual purging, an operator will remain present on-site or remain within 30 minutes' drive time of location. Will take reasonable action to not vent after the well achieves a stabilized rate and pressure.
   - Plunger lift system will be optimized to minimize the venting of natural gas.
   - During downhole well maintenance, venting of natural gas will be minimized.
5. **Subsection (E) Performance Standards**
   - Completion and production separation equipment and storage tanks will be designed appropriately for anticipated throughout and pressure to minimize waste.
   - No flare stacks will be installed or operating at a production location.
   - AVO inspections will be conducted in accordance with 19.15.27.8.E.5
6. **Subsection (F) Measurement or estimation of vented and flared natural gas**

- The estimation of vented natural gas will be completed in accordance with 19.15.27.8.F.5-6

VII. Best Management Practices

1. For recomplete activities, production facilities are already in place and the gathering system is already tied in so once the gas is sellable it will be sent down the line.
2. Low-bleed pneumatic devices will be installed at the production location.
3. The well will be shut in in the event of an emergency situation, or other operations where venting or flaring may occur due to equipment failures.

State of New Mexico
Energy, Minerals and Natural Resources Department

Submit Electronically
Via E-permitting

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description

Effective May 25, 2021

I. Operator: SIMOCE LLC **OGRID:** 329736 **Date:** 4 /6 / 2022

II. Type: ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Wilch A 003E	3004525284	I-23-29N-08W	1770 FSL 900 FEL			

IV. Central Delivery Point Name: SAN JUAN GAS PLANT [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Wilch A 003E	3004525284	NA	NA	NA	NA	NA

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan
EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. ***If Operator checks this box, Operator will select one of the following:***

Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- **(a)** power generation on lease;
- **(b)** power generation for grid;
- **(c)** compression on lease;
- **(d)** liquids removal on lease;
- **(e)** reinjection for underground storage;
- **(f)** reinjection for temporary storage;
- **(g)** reinjection for enhanced oil recovery;
- **(h)** fuel cell production; and
- **(i)** other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:	Julie A Best
Printed Name:	Julie Best
Title:	HSE MANAGER OPERATIONS
E-mail Address:	julie.best@ikavenergy.com
Date:	4/26/22
Phone:	970-822-8924

OIL CONSERVATION DIVISION

(Only applicable when submitted as a standalone form)

Approved By:	
Title:	
Approval Date:	
Conditions of Approval:	

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

AFMSS 2 Sundry ID 2668621

Attachment to notice of Intent for Recompletion Operations:

Well: Wilch A 3E

CONDITIONS OF APPROVAL

1. File a subsequent report detailing work completed with exact dates (month, day, year) within 30 days of completing operations.

2. File an updated completion report within AFMSS 2 with the location of the new perforations. For each producing zone, update where the production will be reported. For example, if lease basis only input the lease for the production zone. If the production will be part of an agreement, input the agreement along with the lease.

   Also update the completion codes. E.g., if commingled production the completion codes should C1 and C2.

K. Rennick 04/27/2022

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

CONDITIONS

Action 120882

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 120882
	Action Type: [C-103] NOI Recompletion (C-103E)

CONDITIONS

Created By	Condition	Condition Date
kpickford	DHC required	6/29/2022
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	6/29/2022