## STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF STEWARD ENERGY II, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

**CASE NO. 22405** 

Released to Imaging: 1/4/2022 3:39:14 PM

#### **EXHIBIT INDEX**

#### Compulsory Pooling Checklist

Exhibit A	Self-Affirmed Statement of Taylor Warren
A-1	Application & Proposed Notice of Hearing
A-2	C-102(s)
A-3	Plat of Tracts, Ownership Interests, Pooled Parties, Unit Recapitulation
A-4	Sample Well Proposal Letter & AFE(s)
A-5	Summary of Communications
A-6	Hearing Notice Letter and Return Receipts
A-7	Affidavit of Publication
Eluvo	
Exhibit B	Self-Affirmed Statement of Shane Seals
B-1	Location Map, Structure Map, Gunbarrel Schematic
B-2	Cross Section

## COMPULSORY POOLING APPLICATION CHECKLIST ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case No.:	22405
Hearing Date:	1/6/2022
Applicant	Steward Energy II, LLC
Designated Operator & OGRID	OGRID # 371682
Applicant's Counsel	Hinkle Shanor LLP
Case Title	Application of Steward Energy II, LLC for Compulsory Pooling, Lea
	County, New Mexico
Entries of Appearance/Intervenors	N/A
Well Family	Vamonos
Formation/Pool	Valionos
Formation Name(s) or Vertical Extent	San Andres
Primary Product (Oil or Gas)	Oil
Pooling this vertical extent	San Andres
Pool Name and Pool Code	
Well Location Setback Rules	Bronco; San Andres, South Pool (Pool Code 7500)
Spacing Unit Size	Statewide
Spacing Unit	320-acre
Type (Horizontal/Vertical)	Harinaukal
Size (Acres)	Horizontal
	320-acre
Building Blocks	quarter-quarter
Orientation TRG/G	Standup
Description: TRS/County	W/2 of Section 27, Township 13 South, Range 38 East, Lea County, New
**************************************	Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No,	Yes
describe	
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	Yes, the completed interval of the Vamonos Fee #5 well will be within
	330' of the line separating the W/2W/2 and E/2W/2 of Section 27 to
	allow for the formation of a 320-acre standard horizontal spacing unit.
Proximity Defining Well: if yes, description	Vamonos Fee #5H
Vell(s)	Valionos ree #3fi
Name & API (if assigned), surface and bottom hole	Add wells as needed
ocation, footages, completion target, orientation,	Add wells as needed
completion status (standard or non-standard)	
Well #1	Vorces on East HELL (ADL III )
ven #1	Vamonos Fee #5H (API # pending)
	SHL: 670 FSL & 1210 FWL (Unit M) of Section 22, T13S-R38E
	BHL: 100 FSL & 1210 FWL (Unit M) of Section 27, T13S-R38E
	Completion Target: San Andres (Approximately 5369' TVD)
lavia antal Mall First and Lavia Talanda	Completion status: Standard
lorizontal Well First and Last Take Points	Exhibit A-2
ompletion Target (Formation, TVD and MD)	Exhibit A-4
FE Capex and Operating Costs	
rilling Supervision/Month \$	7,000
roduction Supervision/Month \$	700
ustification for Supervision Costs	Exhibit A
equested Risk Charge	200%
otice of Hearing	
roposed Notice of Hearing	Exhibit A-1
oof of Mailed Notice of Hearing (20 days before heari	ng)   Exhibit A-6

7
2
4
7
9
3
٠.
3
N
2
6
õ
4
14
18
PROM
20
-
2
2
0
1
d
9
6
б
$\varepsilon$
0
8

Proof of Published Notice of Hearing (10 days before	
hearing)	Exhibit A-7
Ownership Determination	
Land Ownership Schematic of Spacing Unit	Exhibit A-3
Tract List (including lease numbers & owners)	Exhibit A-3
Pooled Parties (including ownership type)	Exhibit A-3
Unlocatable Parties to be Pooled	Exhibit A-3
Ownership Depth Severance	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit A-4
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-3
Chronology of Contact with Non-Joined Working Interests	Exhibit A-5
Overhead Rates In Proposal Letter	N/A
Cost Estimate to Drill and Complete	Exhibit A-4
Cost Estimate to Equip Well	Exhibit A-4
Cost Estimate for Production Facilities	Exhibit A-4
Geology	EXTIDIT A-4
Summary (including special considerations)	Evhikit D
Spacing Unit Schematic	Exhibit B
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-1
Well Orientation (with rationale)	N/A
	Exhibit B
Target Formation HSU Cross Section	Exhibit B
	Exhibit B-2
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-2
Tracts	Exhibit A-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
General Location Map (including basin)	Exhibit B-1
Well Bore Location Map	Exhibit B-1
structure Contour Map - Subsea Depth	Exhibit B-1
Cross Section Location Map (including wells)	Exhibit B-1
Cross Section (including Landing Zone)	Exhibit B-2
Additional Information	
CERTIFICATION: I hereby certify that the information	
provided in this checklist is complete and accurate.	
•	
Printed Name (Attorney or Party Representative):	Dana S. Hardy
igned Name (Attorney or Party Representative):	VAMA Aland.
Date:	1/4/2022
vale.	1/4/2022

## STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF STEWARD ENERGY II, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

**CASE NO. 22405** 

Released to Imaging: 1/4/2022 3:39:14 PM

### SELF-AFFIRMED STATEMENT OF TAYLOR WARREN

- 1. I am the land manager at Steward Energy II, LLC ("Steward") and am over 18 years of age. I have personal knowledge of the matters addressed herein and am competent to provide this Self-Affirmed Statement. I have previously testified before the New Mexico Oil Conservation Division ("Division") and my qualifications as an expert in petroleum land matters were accepted and made a matter of record.
- 2. I am familiar with the land matters involved in the above-referenced case. Copies of the application and proposed hearing notice are attached as Exhibit A-1.
- 3. None of the parties proposed to be pooled in this case indicated opposition to this matter proceeding by affidavit, therefore I do not expect any opposition at hearing.
- 4. Steward seeks an order pooling all uncommitted interests in the Bronco; San Andres, South Pool (Pool Code 7500) within the San Andres formation underlying a 320-acre, more or less, standard horizontal spacing unit comprised of the W/2 of Section 27, Township 13 South, Range 38 East, Lea County, New Mexico ("Unit").
- 5. The Unit will be dedicated to the **Vamonos Fee #5H well** ("Well") to be horizontally drilled from a surface hole location in the SW/4SW/4 (Unit M) of Section 22 to a bottom hole location in the SW/4SW/4 (Unit M) of Section 27.

STEWARD ENERGY II, LLC Case No. 22405 Exhibit A

- 6. The completed interval of the Well will be within 330' of the line separating the W/2W/2 and E/2W/2 of Section 27 to allow for the formation of a 320-acre standard horizontal spacing unit.
  - 7. The completed interval of the Well will be orthodox.
  - 8. Exhibit A-2 contains the C-102 for the Well.
- 9. **Exhibit A-3** contains a plat identifying ownership by tract in the Unit. This exhibit also includes any applicable lease numbers, a unit recapitulation, and the interests Steward seeks to pool highlighted in yellow.
- 10. **Exhibit A-4** contains a sample well proposal letter and AFE sent to working interest owners for the Well. The estimated costs reflected on the AFE are fair and reasonable and comparable to the cost of other wells of similar depth and length drilled in the subject formation in the area.
- 11. Steward has conducted a diligent search of all county public records including phone directories and computer databases.
  - 12. All interest owners Steward seeks to pool are locatable.
- 13. In my opinion, Steward made a good-faith effort to reach voluntary joinder of uncommitted interests in the Well as indicated by the chronology of contact described in **Exhibit** A-5.
- 14. Steward requests overhead and administrative rates of \$7,000 per month while the Well is being drilled and \$700 per month while the Well is producing. These rates are fair and are comparable to the rates charged by Steward and other operators in the vicinity.

15. Notice of this application and the Division hearing was timely provided to the uncommitted interests by certified mail more than 20 days prior to the hearing date. A sample of the notice letters and associated green cards are attached as **Exhibit A-6**.

16. Notice of this application and the Division hearing was published more than ten business days prior to the hearing date. The affidavit of publication is attached as **Exhibit A-7**.

17. The exhibits attached hereto were either prepared by me or under my supervision or were compiled from company business records.

18. In my opinion, the granting of Steward's application would serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

19. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 17 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Taylor Warren

01/03/2022

Released to Imaging: 1/4/2022 3:39:14 PM

Date

### STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF STEWARD ENERGY II, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

CASE NO.	22405
CASE NO.	

#### APPLICATION

Pursuant to NMSA § 70-2-17, Steward Energy II, LLC ("Applicant") applies for an order pooling all uncommitted interests within the San Andres formation underlying a 320-acre, more or less, standard horizontal spacing unit comprised of the W/2 of Section 27, Township 13 South, Range 38 East, Lea County, New Mexico ("Unit"). Applicant states the following in support of its application:

- 1. Applicant (OGRID No. 371682) is a working interest owner in the Unit and has the right to drill wells thereon.
  - 2. The Unit will be dedicated to the following proposed initial well:
    - Vamonos Fee #5H to be horizontally drilled from a surface hole location in the SW/4SW/4 (Unit M) of Section 22 to a bottom hole location in the SW/4SW/4 (Unit M) of Section 27 ("Well").
  - 3. The completed interval of the Well will be orthodox.
- 4. The completed interval of the Well will be within 330' of the line separating the W/2W/2 and E/2W/2 of Section 27 to allow for the formation of a 320-acre standard horizontal spacing unit.
- 5. Applicant has undertaken diligent, good-faith efforts to obtain voluntary agreements from all interest owners to participate in the drilling of the Well but has been unable to obtain voluntary agreements from all the interest owners.

STEWARD ENERGY II, LLC

Case No. 22405

Exhibit A-1

Released to Imaging: 12/7/2021 2:10:39 PM

- 6. The pooling of uncommitted mineral interests will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.
- 7. In order to allow Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted mineral interests in the Unit should be pooled and Applicant should be designated the operator of the Well and Unit.

WHEREFORE, Applicant requests this application be set for hearing on January 6, 2021, and that after notice and hearing the Division enter an order:

- A. Pooling all uncommitted interests in the Unit;
- B. Approving the Well in the Unit;
- C. Designating Applicant as operator of the Unit and the Well to be drilled thereon;
- D. Authorizing Applicant to recover its costs of drilling, equipping and completing the Well;
- E. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- F. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the Well against any working interest owner who does not voluntarily participate in the drilling of the Well.

Respectfully submitted,

HINKLE SHANOR LLP

/s/ Dana S. Hardy

Dana S. Hardy Michael Rodriguez P.O. Box 2068 Santa Fe, NM 87504-2068 Phone: (505) 982-4554

Facsimile: (505) 982-8623 dhardy@hinklelawfirm.com mrodriguez@hinklelawfirm.com Counsel for Steward Energy II, LLC

Application of Steward Energy II, LLC for Compulsory Pooling, Lea County, New Mexico. Applicant applies for an order pooling all uncommitted interests within the San Andres formation underlying a 320-acre, more or less, standard horizontal spacing unit comprised of the W/2 of Section 27, Township 13 South, Range 38 East, Lea County, New Mexico ("Unit"). The Unit will be dedicated to the following proposed initial well: Vamonos Fee #5H to be horizontally drilled from a surface hole location in the SW/4SW/4 (Unit M) of Section 22 to a bottom hole location in the SW/4SW/4 (Unit M) of Section 27 ("Well"). The completed interval of the Well will be within 330' of the line separating the W/2W/2 and E/2W/2 of Section 27 to allow for the formation of a 320-acre standard horizontal spacing unit. The completed interval of the Well will be orthodox. Also to be considered will be the cost of drilling and completing the Well and the allocation of the costs, the designation of Applicant as the operator of the Well, and a 200% charge for the risk involved in drilling and completing the Well. The Well is located approximately 14.6 miles Southeast of Tatum, New Mexico.

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 1220 S. St. Francis Dr., Santa Fe, NM 87505

Phone: (505) 476-3460 Fax: (505) 476-3462

#### State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION DE

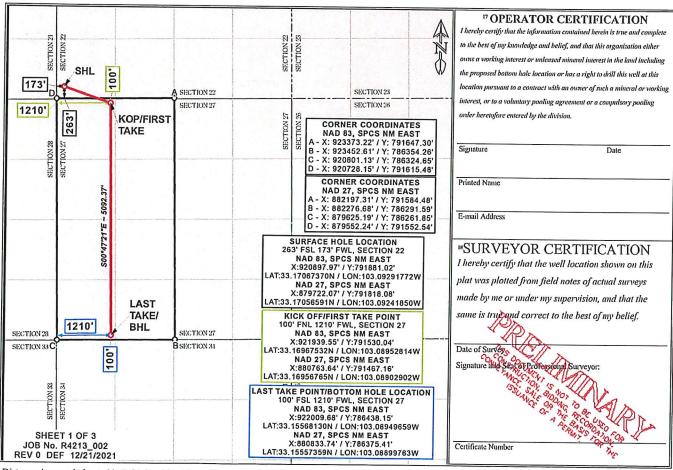
WEBE ECCATION AND ACKEAGE DEDICATION PLAT				
API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name		
1-	7500	BRONCO; SAN ANDRES,	SOUTH	
1 Property Code	<sup>5</sup> Pro	<sup>5</sup> Property Name		
1	VAMO	VAMONOS FEE		
<sup>7</sup> OGRID N₀.		erator Name	<sup>9</sup> Elevation	
371682	STEWARD I	ENERGY II, LLC	3811'	

Surface Location UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County M 22 13S 38E 263 SOUTH 173 WEST LEA

" Bottom Hole Location If Different From Surface

Bottom Hole Eocation if Different Profit Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	27	13S	38E		100	SOUTH	1210	WEST	LEA
12 Dedicated Acres	s 3 Joint or	Infill 14	Consolidation Co	de 15 Ord	ler No.				
320.0									1

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.

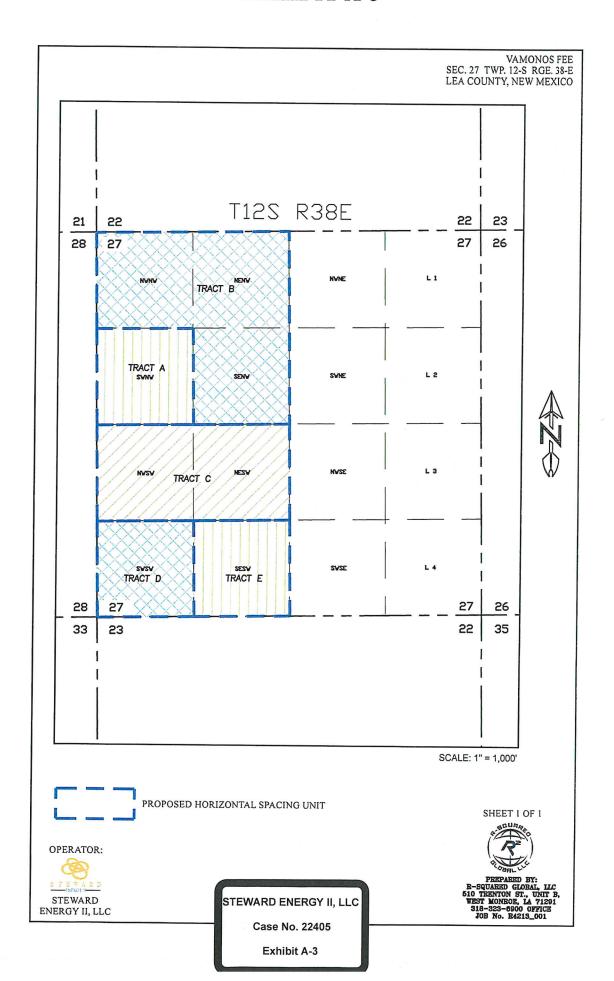


Distances/areas relative to NAD 83 Combined Scale Factor: 0.99990013 Convergence Angle: 00°41'16.54001" Horizontal Spacing Unit

STEWARD ENERGY II, LLC Case No. 22405 Exhibit A-2

Released to Imaging: 1/4/2022 3:39:14 PM

#### **EXHIBIT A-3**



### **EXHIBIT A-3**

#### **Tract A**

(SW/4NW/4 of Section 27, T13S-R38E, being 40.00 Acres)

#### **Committed**

<u>Owner</u>	<u>Type</u>		<u>Ownership</u>	<u>Status</u>
Steward Energy II, LLC	WI		60.937500%	Committed
G.O. Basic Energy I, LLC	WI	-	32.812500%	JOA executed Committed JOA executed
		Total:	93.750000%	

#### **Uncommitted**

<u>Owner</u>	Туре	Ownership	<u>Status</u>	
McBride Oil and Gas Corporation	Mineral Interest	0.781250%	Executed AFE	
	Total:	0.781250%		
	Grand Total:	100.000000%	1	

#### **Tract B**

(N/2NW/4 and the SE/4NW/4 of Section 27, T13S-R38E, being 120.00 Acres)

#### **Committed**

<u>Owner</u>	<u>Type</u>		<u>Ownership</u>	<u>Status</u>
Steward Energy II, LLC	WI		64.278187%	Committed
G.O. Basic Energy I, LLC	WI		34.611331%	JOA executed Committed JOA JOA executed
		Total:	98 889518%	

#### **Uncommitted**

	Grand Total:	100.000000%	
	Total:	1.110482%	
Alma L. Tisher and husband, Kelly B. Tisher	Mineral Interest	0.067513%	Unleased
Jan C. Dotson-Ice	Mineral Interest	0.105469%	Unleased
Harle, Inc.	Mineral Interest	0.937500%	Executed AFE
<u>Owner</u>	<u>Type</u>	<u>Ownership</u>	<u>Status</u>

Released to Imaging: 1/4/2022 3:39:14 PM

#### Tract C

(N/2SW/4 of Section 27, T13S-R38E, being 80.00 Acres)

#### **Committed**

<u>Owner</u>	<u>Type</u>		<b>Ownership</b>	<u>Status</u>
Steward Energy II, LLC	WI		40.761094%	Committed
G.O. Basic Energy I, LLC	WI	, ,	21.948281%	JOA executed Committed JOA JOA executed
		Total:	62.709375%	

#### **Uncommitted**

<u>Owner</u>	<u>Type</u>	Ownership	<u>Status</u>	
James Raymond Cone, Jr., a/k/a Jim Cone	Mineral Interest	20.312500%	Unleased	
Estate of Dora Vandagriff, a/k/a Rebecca Dora Vandagriff	Mineral Interest	9.375000%	Unleased	
Howard H. Cone Trust "A", u/w/o Hubert E. Cone	Mineral Interest	2.500000%	Unleased	
Jesse A. Cone Trust "A", u/w/o Hubert E. Cone	Mineral Interest	2.500000%	Unleased	
Mary Cone Lewis Trust "A", u/w/o Hubert E. Cone	Mineral Interest	2.500000%	Unleased	
Billy Glen Spradlin	Mineral Interest	0.103125%	Unleased	
	Total:	37.290625%		
	Grand Total:	100.000000%		

#### **Tract D**

(SW/4SW/4 of Section 27, T13S-R38E, being 40.00 Acres)

#### **Committed**

<u>Owner</u>	<u>Type</u>	<u>Ownership</u>	<u>Status</u>
Steward Energy II, LLC	WI	65.000000%	Committed
G.O. Basic Energy I, LLC	WI	35.000000%	JOA executed Committed JOA JOA executed
	Tota	al: 100.000000%	
	Grand Tota	d: 100.000000%	

Released to Imaging: 1/4/2022 3:39:14 PM

#### Tract E

(SE/4SW/4 of Section 27, T13S-R38E, being 40.00 Acres)

#### Committed

<u>Owner</u>	<u>Type</u>	Ownership	<u>Status</u>
Steward Energy II, LLC	WI	65.000000%	Committed
G.O. Basic Energy I, LLC	WI	35.000000%	JOA executed Committed JOA JOA executed
	Total	62.709375%	
	0 1=	100 0000000	

**Grand Total:** 

100.000000%

#### **Recapitulation**

#### **Committed**

<u>Owner</u>	Type		Ownership
Steward Energy II, LLC	WI		58.161781%
G.O. Basic Energy I, LLC	WI		31.317882%
		Total:	89.479663%

#### **Uncommitted**

<u>Owner</u>	Type	Ownership
McBride Oil and Gas Corporation	Mineral Interest	0.781250%
Harle, Inc.	Mineral Interest	0.351563%
Jan C. Dotson-Ice	Mineral Interest	0.039551%
Alma L. Tisher and husband, Kelly B. Tisher	Mineral Interest	0.025317%
James Raymond Cone, Jr., a/k/a Jim Cone	Mineral Interest	5.078125%
Estate of Dora Vandagriff, a/k/a Rebecca Dora Vandagriff	Mineral Interest	2.343750%
Howard H. Cone Trust "A", u/w/o Hubert E. Cone	Mineral Interest	0.625000%
Jesse A. Cone Trust "A", u/w/o Hubert E. Cone	Mineral Interest	0.625000%
Mary Cone Lewis Trust "A", u/w/o Hubert E. Cone	Mineral Interest	<mark>0.625000%</mark>
Billy Glen Spradlin	Mineral Interest	0.025781%
	Total:	10.520337%

Grand Total: 100.000000% WI



\*\*\*\*\*\*\*\*VIA CERTIFIED U.S.P.S. MAIL #7017 2620 0000 3197 4227\*\*\*\*\*\*

November 4, 2021

Steward Energy II, LLC Re:

Well Proposal - Vamonos Fee #5H

W/2 of Section 27

Township 13 South, Range 38 East, N.M.P.M.

Lea County, New Mexico

Alma L. Tisher and husband, Kelly B. Tisher

1225 S. Downing St.

Denver, CO 80210

Dear Mineral Owner.

This letter will serve as notice regarding the plans of Steward Energy II, LLC ("Steward") to drill the Vamonos Fee #5H ("Well") as a horizontal well, targeting the San Andres Formation with an approximate total depth drilled of 10,880 feet. The Well's surface hole will be located approximately 670 feet from the south boundary line and 1210' feet from the west boundary line of Section 22, Township 13 South, Range 38 East, N.M.P.M. and is subject to change based on final determination. The producing intervals of the Well will be located within a standard horizontal spacing unit described as being the West Half (W/2) of Section 27, Township 13 South, Range 38 East, N.M.P.M. ("Spacing Unit"). The Well's first take point will be located approximately 100 feet from the north boundary line and 1210 feet from the west boundary line of the Spacing Unit. The Well's last take point will be located approximately 100 feet from the south boundary line and 1210 feet from the west boundary line of the Spacing Unit.

Steward's ownership records indicate that you own an unleased mineral interest located within the Spacing Unit, and as an unleased mineral owner you are offered participation in the Well based upon your proportionate mineral interest in the Spacing Unit. Your proportionate interest and share of cost in the Well are noted at the bottom of the attached Authorization for Expenditure ("AFE"). The itemized cost of the Well is listed on the AFE, and the total cost for drilling is \$1,467,530, with an additional \$2,020,500 to complete the well (Total \$3,488.030). This AFE is an estimate only and an unleased mineral owner, by execution of same, commits to pay its proportionate share of actual cost incurred.

Please indicate your election as to your participation in the Well by checking the appropriate box in the space provided below and returning the second page of this letter to Steward using the enclosed envelope. In the event you elect to participate in the well, please also sign the bottom of the attached AFE, and include it within the envelope as well.

STEWARD ENERGY II, LLC

Case No. 22405

Exhibit A-4

Well Proposal Vamonos Fee #5H November 4, 2021

Respectfully.

Please be advised that Steward has requested a risk penalty in accordance with New Mexico law. In the event you elect NOT to participate, but do desire to lease your mineral interest, please contact Steward's Land Department and request to speak with a Landman regarding your unleased interest.

Your election must be received by Steward within 30 days of the date this proposal was received by you. Failure to respond within 30 days shall be deemed an election NOT to participate. Please send your election to:

Steward Energy II, LLC Land Department 2600 N. Dallas Parkway, Suite 400 Frisco, Texas 75094

For questions regarding this well proposal please contact the Land Department via email <a href="mailto:land@stewardenergy.net">land@stewardenergy.net</a> or call (214) 297-0500.

-				
Cooper Newlan Landman				
Attachment				
Proportionate Interest: 0.025317%				
The undersigned elects to no new mith their proportionate interest.	ot to partic	ipate in the Va	monos Fee #5	H well
Alma L. Tisher and husband, Kell	y B. Tisher			
Ву:	Date:			
Ву:	Date:		-	

Released to Imaging: 1/4/2022 3:39:14 PM



#### **AUTHORIZATION FOR EXPENDITURE**

Well Name: Vamonos Fee #5H

Operator: Steward Energy II, LLC

Well Type: Horizontal Oil

AFE Type: New Drill

AFE Number: 2204008DR

AFE Date: 11/4/2021

Legal (S/T/R):

W/2 of Section 27

Prop. Depth: Approx 10,880' MD, 5,369' TVD

County, State: Lea, NM

Township 13 South, Range 38 East, N.M.P.M.

Field: Bronco, San Andres, South

Prep. By: Tim Hilton

Surface Location: 670' FSL & 1210' FWL of Section 22, T13S, R38E, N.M.P.M.

Bottom Hole Location: 100' FSL & 1210' FWL of Section 27, T13S, R38E, N.M.P.M.

Project Description: The drilling and completion of an approximate one mile horizontal well with the San Andres as the target formation; including pilot hole.

Account #	Cost Breakdown	Drilling	Completion Cost	Total
8200.100	Land, Surveying & Legal	\$22,000		\$22,000
8200.101	Abstract, Title & Permit	\$70,000		\$70,000
8200.102	ROW & Surface Damages	\$25,000		\$25,000
8200.103	Road, Pad Location & Pit Building	\$58,500		\$58,500
8200.104	Environ, Reg & Safety	\$4,950		\$4,950
8200.105	Well Insurance	\$2,200		\$2,200
8200.113	Contract Labor	\$5,850		\$5,850
8200.114	Consulting Services & Contract Supervision	\$50,500		\$50,500
8200.120	Vacuum & Pump Truck	\$4,500		\$4,500
8200.122	Material Transportation	\$10,400		\$10,400
8200.126	Fuel	\$38,600		\$38,600
8200.131	Chemical-Downhole Treating	\$12,160		\$12,160
8200.132	Mud & Additives	\$40,000		\$40,000
8200.140	Mob/Demob	\$90,000		\$90,000
8200.141	Mud Disposal/Pit Closure	\$180,000		\$180,000
8200.142	Trailer Rental, Camp & Catering	\$22,700		\$22,700
8200.144	Drilling Rig - Daywork or Footage	\$142,800		\$142,800
8200.149	Bits, Mills & Reamers	\$34,500		\$34,500
8200.151	Directional Services	\$102,000		\$102,000
8200.154	Open Hole Logs	\$40,000		\$40,000
8200.160	Casing Crews & Services	\$18,700		\$18,700
8200.161	Cementing Services	\$84,000		\$84,000
8200.170	Water Purchase & Transfer	\$29,000		\$29,000
8200.175	Surface Equipment Rental & Services	\$49,800		\$49,800
8200.176	Downhole Equipment Rental & Services	\$36,400		\$36,400
8200.193	Downhole Inspection/Testing - Casing, Tubing & Rods	\$32,650		\$32,650
8200.301	Overhead	\$10,000		\$10,000
	IDC Total:	\$1,217,210		\$1,217,210
8250.200	Conductor/Drive Pipe	\$13,600		\$13,600
8250.201	Surface Casing	\$47,400		\$47,400
8250.203	Production Casing	\$143,640		\$143,640
8250.205	Wellhead Equipment, Flow Tee & Meter Run	\$12,880		\$12,880
8250.214	Other Downhole Equipment	\$32,800		\$32,800
	TDC Total:	\$250,320		\$250,320
	Drilling Total:	\$1,467,530		\$1,467,530

Account #	Cost Breakdown Drilling	Completion Cost	Total
8300.114	Consulting Services & Contract Supervision	\$52,000	\$52,000
8300.120	Vacuum & Pump Truck	\$6,000	\$6,000
8300.122	Material Transportation	\$13,000	\$13,000
8300.126	Fuel	\$42,000	\$42,000
8300.131	Chemicals - Downhole Treating	\$3,500	\$3,500
8300.142	Trailer Rental, Camp & Catering	\$3,000	\$3,000
8300.143	Well Control - BOP, Isolation Assy	\$45,000	\$45,000
8300.146	Completion/Workover Rig	\$31,450	\$31,450
8300.148	Reverse Unit	\$16,000	\$16,000
8300.149	Bits, Mills & Reamers	\$3,500	\$3,500
8300.164	Wireline & Perforating	\$58,000	
8300.170	Water Purchase & Transfer	\$145,250	\$58,000
8300.171	Stimulation - Frac, Acid, Gravel Pack		\$145,250
8300.175	Surface Equipment Rental & Services	\$500,000	\$500,000
8300.176	Downhole Equipment Rental & Services	\$36,000	\$36,000
8300.179	Elect & Generator R&M	\$21,000	\$21,000
0300,179	FCC Total:	\$21,000	\$21,000
8350.205		\$996,700	\$996,700
8350.205 8350.206	Wellhead Equipment, Flow Tee & Meter Run	\$12,000	\$12,000
	Tubing	\$25,000	\$25,000
8350.211	Electric Submersible Pumps	\$262,500	\$225,500
8350.213	Frac Plugs, Bridge Plus, Packers, Tubing Anchors	\$19,000	\$19,000
8350.221	Surface VSD, Transformer, POC & Associated Equipment	\$21,000	\$20,000
8350.234	Surface Pump & LACT's	\$2,500	
	TCC Total:	\$342,000	\$2,500 \$342,000
8600.100	Land, Surveying, & Legal	\$10,000	\$10,000
8600.103	Road, Pad Location & Pit Building	\$13,000	
8600.111	Company Supervision	\$12,500	\$13,000
8600.120	Vaccum & Pump Truck	\$2,500	\$12,500
8600.122	Material Transportation	\$4,800	\$2,500
8600.175	Surface Equipment Rental & Services		\$4,800
	IFC Total:	\$4,500	\$4,500
8650.222	Instrumentation & Meters	\$47,300	\$47,300
8650.223	SCADA & Communications	\$23,000	\$23,000
8650.224	Electrial Installation & Power Generation	\$32,000	\$32,000
		\$90,000	\$90,000
8650.229	Prod & SWD Facility Inst.	\$66,000	\$66,000
8650.230	Compressor, Dehy, Line Heater	\$27,000	\$27,000
8650.231	Separator, Heater Treater, FWKO	\$79,000	\$79,000
8650.232	Tanks, Walkways & Stairs	\$150,000	\$150,000
8650.233	Flowline & Gethering Lines	\$5,000	\$5,000
8650.234	Surface Pump & LACTs	\$12,500	\$12,500
8650.235	Miscellaneous Non-Controllable - Pipe, Valves & Fittings	\$150,000	\$150,000
	TFC Total:	\$634,500	\$634,500
	Completion Total:	\$2,020,500	\$2,020,500
		Drilling & Completion Total:	\$3,488,030
	Net %: 0.025317%	Net Total:	\$883

Approved by:	Signature		
Alma L. Tisher:		Date:	
Kelly B. Tisher:		Date:	

This AFE is an estimate only and non-operator, by execution of same, commits to pay its proportionate share of actual cost incurred.

#### **EXHIBIT A-5**

#### Chronology of contact with locatable uncommitted interest

- January 2019 Steward Energy II, LLC begins acquiring oil and gas leases from the original 74 mineral owners located in Tracts A, B, C, D and E. To date Steward Energy II, LLC has acquired 64 oil and gas leases within Tracts A, B, C, D and E.
- November 4, 2021 Steward Energy II, LLC sends the Vamonos Fee #5H well proposals to the uncommitted unleased mineral owners via certified U.S. Mail.
- December 16, 2021 Steward Energy II, LLC has received 2 executed election letters from uncommitted unleased mineral owners who chose to participate in the drilling and completion of the Vamonos Fee #5H.

STEWARD ENERGY II, LLC

Case No. 22405

Released to Imaging: 1/4/2022 3:39:14 PM

Exhibit A-5



#### HINKLE SHANOR LLP

ATTORNEYS AT LAW PO BOX 2068 SANTA FE, NEW MEXICO 87504 505-982-4554 (FAX) 505-982-8623

WRITER:

Dana S. Hardy, Partner dhardy@hinklelawfirm.com

December 9, 2021

#### VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

#### TO ALL INTERESTED PARTIES SUBJECT TO NOTICE

Re: Case No. 22405 - Application of Steward Energy II, LLC for Compulsory Pooling, Lea County, New Mexico.

To whom it may concern:

This letter is to advise you that the enclosed application was filed with the New Mexico Oil Conservation Division. The hearing will be conducted on January 6, 2022 beginning at 8:15 a.m.

During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: https://www.emnrd.nm.gov/ocd/hearing-info/. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Pursuant to Division Rule 19.15.4.13.B, a party who intends to present evidence at the hearing shall file a pre-hearing statement and serve copies on other parties, or the attorneys of parties who are represented by counsel, at least four business days in advance of a scheduled hearing, but in no event later than 5:00 p.m. mountain time, on the Thursday preceding the scheduled hearing date. The statement must be filed at the Division's Santa Fe office or submitted through the OCD E-Permitting system (https://www.apps.emnrd.state.nm.us/ocd/ocdpermitting/) and should include: the names of the parties and their attorneys, a concise statement of the case, the names of all witnesses the party will call to testify at the hearing, the approximate time the party will need to present its case, and identification of any procedural matters that are to be resolved prior to the hearing.

Please do not hesitate to contact me if you have any questions about this matter.

Sincerely,

/s/ Dana S. Hardy

Dana S. Hardy

STEWARD ENERGY II, LLC Case No. 22405 Exhibit A-6

Please of Possing Property Pro

PO BOX 1720 ARTESIA, NEW MEXICO 88211 575-622-6510 (FAX) 575-746-6316

PO BOX 2068 SANTA FE, NEW MEXICO 87504 505-982-4554 (FAX) 505-982-8623

7601 JEFFERSON ST NE · SUITE 180 ALBUQUERQUE, NEW MEXICO 87109 505-858-8320 (FAX) 505-858-8321

225T

9EEE

ertified Mail Fee

Extra Services & Fees (check box, add fee & Pertra Receipt (hardcopy)

| Raturn Receipt (electronic) |
| Cartified Mall Restricted Delivery \$ |
| Adult Signature Required |
| Adult Signature Restricted Delivery \$ |

TOOO

EE MAN BOX

Howard H. Cone Trust "A" u/w/o Hubert E. Cone, Trustee 6 Evergreen Drive Round Rock, TX 78664 PS Form 3800, April 2015 PSN 7530-02-000-City, State, 2

7-9998

**Fotal Postage and Fees** 

DSED

Street and A

1207

## SENDER: COMPLETE THIS SECTION

COMPLETE THIS SECTION ON DELIVERY

A. Signature

×

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.

☐ Agent

C. Date off De

B. Received by (Printed Name)

(on K

D. Is delivery address different from item 1? If YES, enter delivery address below:

- Attach this card to the back of the mailpiece, or on the front if space permits.
  - 1. Article Addressed to:

Howard H. Cone Trust "A" u/w/o Hubert E. Cone, Trustee 6 Evergreen Drive

Round Rock, TX 78664



9590 9402 6746 1074 2428 72 9 Article Number (Transfer from service label)

1522 PS Form 3811, July 2020 PSN 7530-02-000-9053 7021 0350 0001 3336

3. Service Type

| Adult Signature
| Adult Signature Restricted Delivery
| Certified Mail®
| Certified Mail®
| Certified Mail®
| Collect on Delivery
| Collect on Delivery
| Insured Mail Restricted Delivery
| (insured Mail

□ Priority Mail Express®
□ Registered Mail™
□ Registered Mail Restricted
□ Belivery
□ Signature Confirmation™
□ Signature Confirmation
Restricted Delivery

Domestic Return Receipt

36.80	CERTIFIED MAIL® RECEIPT  Domestic Mail Only
m	For delivery information, visit our website at www.usps.sim
7643	Certified Mail Fee
0000	\$ Extra Services & Fees (check box, add fee as appropriate)   Return Receipt (lelectronic) \$   Certified Mall Restricted Delivery \$   Adult Signature Required \$
2970	Postage \$ Total Postage and Fees
7019	Sent To  James Raymond Cone, Jr. aka Jim Cone  Street and P.O. Box 10217 Lubbock, TX 79406  City, State,
	PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for distructions

	<b>y</b>
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>Article Addressed to:</li> <li>James Raymond Cone, Jr. aka Jim Cone P.O. Box 10217</li> <li>Lubbock, TX 79406</li> </ul>	A. Signature    Agent   Addressee     Addressee     Addressee     B. Piecelved by (Printed Name)   C. Date of Delivery     C. Date of Delivery     D. Is delivery address different from item 1?   Yes     If YES, enter delivery address below:   No
9590 9402 6746 1074 2429 02  2. Article Number (Transfer from service label)  7019 2970 0000 7643 3680	3. Service Type  Adult Signature  Adult Signature Restricted Delivery  Certified Mail®  Certified Mail Restricted Delivery  Collect on Delivery  Collect on Delivery Restricted Delivery  Insured Mail  Insured Mail  Insured Mail Restricted Delivery (over \$500)
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

3697	CERTIFIED MAIL® RECEIPT  Domestic Mail Only	
m	For delivery information, visit our website at www.usps.com.	
m		
754	Certified Mall Fee	L
~	Fulve Condend 9 Food 1	
0000 0262	Extra Services & Fees (check box, add fee as appropriate)  Return Receipt (inardcopy)  Return Receipt (electronic)  Certified Mail Restricted Delivery \$  Adult Signature Required  Adult Signature Restricted Delivery \$  Postage  \$  Total Postage and Fees  \$	OKTICE
<del>   </del>	Sent To  Jesse A. Cone Trust "A" u/w/o Hubert E. Cone,	
7019	Street an c/o Jesse A. Cone, Trustee	
	City, State Alamogordo, NM 88310	
	PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

and the second s		
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON	DELIVERY
<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signatule  B. Regeived by (Printed Name)  LUL C COM	
1. Article Addressed to:	D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No	
Jesse A. Cone Trust "A" u/w/o Hubert E. Cone, c/o Jesse A. Cone, Trustee		
113 Eagle Drive Alamogordo, NM 88310		and the second s
9590 9402 6746 1074 2429 19	3. Service Type  Adult Signature Adult Signature Restricted Delivery Certified Mail® Certified Mail Restricted Delivery Collect on Delivery	☐ Priority Mall Express® ☐ Registered Mail™ ☐ Registered Mail Restricter Delivery ☐ Signature Confirmation™ ☐ Signature Confirmation
2. Article Number (Transfer from service label) 7019 2970 0000 7643 3697	☐ Collect on Delivery Restricted Delivery ☐ Insured Mail ☐ Insured Mail Restricted Delivery (over \$500)	Restricted Delivery
PS Form 3811 July 2020 PSN 7530-02-000-9053	and the same of th	Domestic Return Receipt



SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON	DELIVERY
<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>Article Addressed to:</li> </ul>	A. Signature  B. Received by (Printed Name)  C. A. C.	
Mary Cone Lewis Trust "A" u/w/o Hubert E. Cone, c/o Mary Cone Lewis, Trustee 4501 Upland Avenue Lubbock, TX 79407-5107		

E E	CERTIFIED MAIL® RECEIPT  Domestic Mail Only	
36 15	For delivery information, visit our website at www.usps.com*.  Certified Mall Fee	751
0001 33	S Extra Services & Fees (check box, add fee as appropriate)  Return Receipt (heardcopy) Return Receipt (electronic) Return Receipt (electronic) Adult Signature Required Adult Signature Restricted Delivery \$	and the same of th
0320	Postage \$ Total Postage and Fees \$	
7021	Sent To Billy Glen Spradlin 29 Rim Road Kilgore, TX 75662 City, State	
	PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instruction	s

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>1. Article Addressed to:</li> <li>Billy Glen Spradlin 29 cim Road</li> <li>Kilgore, TX 75662</li> </ul>	A. Signature  X
9590 9402 6746 1074 2428 89	3. Service Type
2. Article Number (Transfer from service label)	□ Collect on Delivery Restricted Delivery □ Insured Mail □ Insured Mail Restricted Delivery (over \$500)
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt



Domestic Return Receipt



PS Form 3811, July 2020 PSN 7530-02-000-9053





	0.3. 1 03tai 00 1100						
	CERTIFIED MAIL® RECEIPT						
=0	Domestic Mail Only						
m							
=0	For delivery information, visit cut website at www.usps.com						
183	OFFICSAL USEN						
10304	Cartified Mail Fee						
	DEL U 9 2021 m						
П	Extra Services & Fees (check box, add fee as appropriate)						
L	Return Receipt (hardcopy)						
	Return Receipt (electronic) \$ Postprark						
	Certified Mail Restricted Delivery \$						
	Adult Signature Required \$						
0000	Adult Signature Restricted Delivery \$ 501,0098						
	Adult Signature Required Adult Signature Restricted Delivery \$  Postage						
0490	L						
그	S Total Pasters and Face						
끰	Total Postage and Fees						
لبا	\$						
	Sent To						
ru	Vandagriff alo James Raymond Cone Ir aka						
7020	Street and Jim Cone						
~	P.O. Box 10217						
	City, State Lubbock, TX 79406						
	PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions						

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON	I DELIVERY
<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>1. Article Addressed to:</li> <li>Estate of Dora Vandagriff a/k/a Rebecca Dora Vandagriff, c/o James Raymond Cone, Jr. aka Jim Cone</li> <li>P.O. Box 10217</li> <li>Lubbock, TX 79406</li> </ul>	A. Signature  B. Received by (Printed Name)  D. Is delivery address different fro If YES, enter delivery address	☐ Agent ☐ Addressee C. Date of Delivery
9590 9402 6746 1074 2429 40	3. Service Type  ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery	☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricte Delivery ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery



#### Affidavit of Publication

STATE OF NEW MEXICO COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

> Beginning with the issue dated December 14, 2021 and ending with the issue dated December 14, 2021.

Sworn and subscribed to before me this 14th day of December 2021.

Business Manager

My commission expires HILL MARKET TO THE STATE OF THE

January 29, 2023



OFFICIAL SEAL **GUSSIE BLACK** Notary Public State of New Mexico

My Commission Expires And the publish of the publis legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 937 and payment of fees for said

#### LEGAL NOTICE December 14, 2021

This is to notify all interested parties, including Alma L. Tisher, Kelly B. Tisher; Howard H. Cone Trust "A"; Billy Glen Spradlin; Jan C. Dotson-Ice; James Raymond Cone, Jr. a/k/a Jim Cone; Jesse A. Cone Trust "A"; Mary Cone Lewis Trust "A"; Estate of Dora Vandagriff a/k/a Rebecca Dora Vandagriff; Harle, Inc.; McBride Oil and Gas Corporation and their successors and assigns, that the New Mexico Oil Conservation Division will conduct a hearing on an application submitted by Steward Energy II, LLC (Case No. 22405). During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on January 6, 2022, beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: http://www.emnrd.state.nm.us/OCD/ hearings.html. Applicant applies for an order pooling all uncommitted interests within the San Andres formation underlying a 320-acre, more or less, standard horizontal spacing unit comprised of the W/2 of Section 27, Township 13 South, Range 38 East, Lea County, New Mexico ("Unit"). The Unit will be dedicated to the following proposed initial well: Vamonos Fee #5H to be horizontally drilled from a surface hole location in the SW/4SW/4 (Unit M) of Section 27 ("Well"). The completed interval of the Well will be within 330' of the line separating the W/2W/2 and E/2W/2 of Section 27 to allow for the formation of a 320-acre standard horizontal spacing unit. The completed interval of the Well will be orthodox. Also to be considered will be the cost of drilling and completing the Well and the allocation of the costs, the designation of Applicant as the operator of the Well, and a 200% charge for the risk involved in drilling and completing the Well. The Well is located approximately 14.6 miles Southeast of Tatum, New and a 200% charge for the risk involved in drilling and completing the Well. The Well is located approximately 14.6 miles Southeast of Tatum, New Mexico. #37124

02107475

GILBERT HINKLE, SHANOR LLP PO BOX 2068 SANTA FE, NM 87504

00261626

STEWARD ENERGY II, LLC Case No. 22405

Exhibit A-7

aging: 1/4/2022 3:39:14 PM

#### STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF STEWARD ENERGY II. LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

**CASE NO. 22405** 

Released to Imaging: 1/4/2022 3:39:14 PM

#### SELF-AFFIRMED STATEMENT OF SHANE SEALS

- 1. I am a geologist at Steward Energy II, LLC ("Steward") and am over 18 years of age. I have personal knowledge of the matters addressed herein and am competent to provide this Self-Affirmed Statement. I have previously testified before the New Mexico Oil Conservation Division ("Division"), and my credentials as an expert in petroleum geology matters were accepted and made a matter of record.
  - 2. I am familiar with the geological matters that pertain to the above-referenced case.
- 3. Exhibit B-1 is a location map for the proposed horizontal spacing unit ("Unit") within the San Andres formation. The approximate wellbore path for the proposed Vamonos Fee #5 well ("Well") is represented by a green dashed line. Existing producing wells in the targeted interval are represented by solid lines.
- 4. Exhibit B-1 also contains a subsea structure map for the top of the Pi Marker of the San Andres formation that is representative of the targeted interval within the formation. The data points are indicated by red circles. The approximate wellbore path for the Well is depicted by green dashed line. The map demonstrates the formation is gently dipping to the south. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted intervals with horizontal wells.

STEWARD ENERGY II, LLC Case No. 22405

Exhibit B

- 5. **Exhibit B-1** identifies three wells penetrating the targeted interval I used to construct a stratigraphic cross-section from A to A'. I used these well logs because they penetrate the targeted interval, are of good quality, and are representative of the geology in the area.
- 6. **Exhibit B-2** is a stratigraphic cross-section using the representative wells identified on **Exhibit B-1**. It contains gamma ray, resistivity and porosity logs. The proposed interval of interest for the Well is labeled on the exhibit. This cross-section demonstrates the target interval is continuous across the Unit.
- 7. In my opinion, a standup orientation for the Well is appropriate to properly develop the subject acreage because of consistent rock properties throughout the Unit and a slightly dominant stress regime that yields a preferred fracture orientation in this portion of the trend.
- 8. Based on my geologic study of the area, the targeted interval underlying the Unit is suitable for development by horizontal wells and the tracts comprising the Unit will contribute more or less equally to the production of the Well.
- 9. In my opinion, the granting of Steward's application will serve the interests of conservation, the protection of correlative rights, and the prevention of waste.
- 10. The exhibits attached hereto were either prepared by me or under my supervision or were compiled from company business records.
- 11. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm my testimony in paragraphs 1 through 10 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date identified next to my signature below.

Shane Seals

12/11/1021 Date Released to Imaging: 1/4/2022 3:39:14 PM

