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. 21455

STEWARD ENERGY II, LLC'S HEARING EXHIBITS

Compulsory Pooling Application Checklist

Exhibit A		Self-Affirmed Statement of Taylor Warren			
A-	-1	Application			
A-	-2	Form C-102			
A-	-3	Plat of Tracts			
A-	-4	Steward Energy II Tract Interests			
A-	-5	Ownership by Tract and Status			
A-	-6	List of Unlocatable Pooled Parties			
A-	.7	Well Proposal Letters			
A-	8	Summary of Follow-Up Contacts			
A-	.9	Exhibit A to Joint Operating Agreement			
A-	10	Proposed Notice of Hearing			
A-	11	Hearing Notice Letter and Return Receipts			
A-	12	Affidavit of Publication			
A-	13	Authorization for Expenditure			
Exhibit B	Self-A	Affirmed Statement of Shane Seals			
В-	1 Regio	nal Location Map, Gun Barrel Schematic, and Structure Map			
B-2	2 Cross	Section			

COMPULSORY POOLING APPLICATION CHECKLIST (pdf)

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 21455	APPLICANT'S RESPONSE				
Date	October 5, 2020				
Applicant	Steward Energy II, LLC				
Designated Operator & OGRID (affiliation if applicable)	Steward Energy II, LLC /OGRID No. 371682				
Applicant's Counsel:	Dana S. Hardy, Hinkle Shanor LLP				
Case Title:	Application of Steward Energy II, LLC for Compulsory Pooling, Lea County, New Mexico				
Entries of Appearance/Intervenors:	None				
Well Family	Combo Fee #1H				
Formation/Pool					
Formation Name(s) or Vertical Extent:	San Andres, Exhibit A				
Primary Product (Oil or Gas):	Oil, Exhibit A				
Pooling this vertical extent:	Entire San Andres formation, Exhibit A				
Pool Name and Pool Code:	Bronco; San Andres, South, 7500				
Well Location Setback Rules:	Statewide rules and current horizontal well rules				
Spacing Unit Size:	Quarter-quarter Section/40 acre, Exhibit A				
Spacing Unit					
Гуре (Horizontal/Vertical)	Horizontal, Exhibit A				
Size (Acres)	160 Acres, Exhibit A				
Building Blocks:	40 Acres, Exhibit A				
Orientation:	North to South, Exhibit A				
Description: TRS/County	E/2 E/2 of 22-13S-38E, NMPM, Lea County, Exhibit A				
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes, Exhibit A				
Other Situations					
Depth Severance: Y/N. If yes, description	No				
Proximity Tracts: If yes, description	No				
roximity Defining Well: if yes, description	N/A				
applicant's Ownership in Each Tract	Exhibit A-4				
Vell(s)					
lame & API (if assigned), surface and bottom hole location, potages, completion target, orientation, completion status standard or non-standard)					

Well #1	Camba Foo #1H ADI #
Well #1	Combo Fee #1H, API # SHL: 667' FSL and 359' FEL, Section 15, Township 13
	South, Range 38 East
	BHL: 100' FSL and 350' FEL, Section 22, Township 13
	South, Range 38 East; Standup; Standard
Well#2	
Horizontal Well First and Last Take Points	FTP: 100' FNL and 350' FEL, Section 22, T13S-R38E;
	LTP: 100' FSL and 350' FEL, Section 22, T13S-R38E, Exhibit A
Completion Target (Formation, TVD and MD)	San Andres, 5,362 TVD & 10,849' MD, Exhibit A
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$6500, Exhibit A
Production Supervision/Month \$	\$650, Exhibit A
Justification for Supervision Costs	The rates are fair and are comparable to the rates charged by Steward and by other operators in the vicinity. Exhibit A.
Requested Risk Charge	200%, Exhibit A
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A-10
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit A-11
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit A-12
Ownership Determination	
and Ownership Schematic of the Spacing Unit	Exhibit A-3
ract List (including lease numbers and owners)	Exhibit A-3, A-5 *Fee Leases
Pooled Parties (including ownership type)	Exhibit A-5
Jnlocatable Parties to be Pooled	Exhibit A-6
Ownership Depth Severance (including percentage above & belo	None
oinder	
lample Copy of Proposal Letter	Exhibit A-7
ist of Interest Owners (ie Exhibit A of JOA)	Exhibit A-9
Chronology of Contact with Non-Joined Working Interests	Exhibit A-8

Overhead Rates In Proposal Letter	\$650 / \$6500, Exhibit A-7				
Cost Estimate to Drill and Complete	Exhibit A-13				
Cost Estimate to Equip Well	Exhibit A-13				
Cost Estimate for Production Facilities	Exhibit A-13				
Geology					
Summary (including special considerations)	Exhibit B				
Spacing Unit Schematic	Exhibit B-1				
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-1				
Well Orientation (with rationale)	Exhibits B and B-1				
Target Formation	Exhibit B				
HSU Cross Section	Exhibit B-2				
Depth Severance Discussion	Exhibit B				
Forms, Figures and Tables					
C-102	Exhibit A-2				
Tracts	Exhibit A-3				
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3, A-5				
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	No special provisions/Stipulations				

5-Oct-20

Printed Name (Attorney or Party Representative):

Signed Name (Attorney or Party Representative):

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. 21455

SELF-AFFIRMED STATEMENT OF TAYLOR WARREN

- 1. I am over 18 years of age and am competent to provide this Self-Affirmed Statement. I have personal knowledge of the matters addressed herein.
- 2. I am the Land Manager at Steward Energy II, LLC ("Steward"). I have had direct involvement with Steward's development of the 160-acre, more or less, standard horizontal spacing unit ("HSU") that is the subject of Steward's application in this case. A copy of the application is attached as Exhibit A-1.
- 3. I have previously testified before the Division, and my qualifications as an expert in petroleum land matters were accepted.

A. Proposed Wells and HSU

- 4. The proposed HSU is comprised of the E/2 E/2 of Section 22, Township 13 South, Range 38 East in Lea County, New Mexico
- 5. Steward seeks to pool all uncommitted interests in the San Andres formation underlying the HSU.
- 6. The horizontal spacing unit will be dedicated to the Combo Fee #1H well, which will be horizontally drilled from a surface location in Unit P in Section 15, Township 13 South,

Case No. 21455
STEWARD ENERGY
Exhibit A

- Range 38 East to a bottom hole location in Unit P in Section 22, Township 13 South, Range 38 East.
- 7. The first take point for the Combo Fee #1H well is 100' FNL and 350' FEL in Section 22, and the last take point is 100' FSL and 350' FEL in Section 22. The target interval is in the San Andres Formation at 5,362' TVD and 10,849' TMD.
- 8. The proposed well will be completed from North to South, and the completed interval of the well will be orthodox.
- 9. The proposed well is located in the Bronco; San Andres, South, Pool Code 7500. The primary product in the pool is oil. With respect to well setback requirements, this pool is subject to the statewide horizontal well rules set out in NMAC 19.15.16.15. Spacing in this pool is based on quarter-quarter sections, and the HSU is constructed based on quarter-quarter sections.
 - 10. The C-102 for the proposed well is attached as Exhibit A-2.

B. Ownership Determination

- 11. A plat of the tracts included in the HSU is attached as Exhibit A-3. Steward's ownership interest in each tract included in the HSU is attached as Exhibit A-4. A list of the tract ownership is attached as Exhibit A-5.
- 12. The uncommitted interests to be pooled are identified in Exhibit A-5. A list of the unlocatable parties to be pooled is attached as Exhibit A-6.
 - 13. There is no depth severance in the San Andres formation in the proposed HSU.
 - 14. Steward has the right to pool any overriding royalty owners in the HSU.

C. Joinder

15. I initially sent well proposal letters to the uncommitted interests on May 29, 2020 and sent a revised letter on August 4, 2020. Subsequently, I had follow-up communications with

the locatable interests. Samples of my well proposal letters are attached as Exhibit A-7. A summary of Steward's follow-up contacts with the locatable uncommitted interests is attached as Exhibit A-8.

- 16. A list of interest owners (Exhibit A to Joint Operating Agreement) is attached as Exhibit A-9.
 - 17. 95.347223% of the working interests are committed to the proposed well.
- 18. In my opinion, Steward has made a good faith effort to obtain the voluntary joinder of uncommitted interests in the proposed well.

D. Notice of Hearing

- 19. Steward's proposed notice of hearing is attached as Exhibit A-10.
- 20. Notice of Steward's application and the Division hearing was provided to the uncommitted interests by certified mail more than 20 days prior to the hearing date. A sample of the notice letter and the associated green cards are attached as Exhibit A-11.
- 21. Notice of Steward's 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-12.

E. Drilling and Operating Costs

- 22. The AFEs for the proposed well are attached as Exhibit A-13. The estimated cost of the well is fair and reasonable and is comparable to the cost of other wells of similar depth and length drilled in Lea County.
- 23. Steward requests overhead and administrative rates of \$6,500 per month while the well is being drilled and \$650 per month while the well is producing. These rates are fair and are comparable to the rates charged by Steward and by other operators in the vicinity. They are also

the rates set forth in the Joint Operating Agreement for the HSU. Steward further requests that the rates be adjusted periodically in accordance with the COPAS Accounting Procedure.

- 24. Steward requests that it be designated the operator of the well.
- 25. Steward also requests that a 200% risk charge be assessed against the uncommitted interests if they are non-consenting working interest owners.
- 26. The exhibits attached hereto were either prepared by me or under my supervision, or were compiled from company business records.
- 27. 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.
- 28. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 27 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

09/29/2020

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. 21455

APPLICATION

Pursuant to NMSA § 70-2-17, Steward Energy II, LLC ("Steward") applies for an order pooling all uncommitted mineral interests in the San Andres formation in a 160-acre, more or less, standard horizontal spacing unit comprised of the E/2 E/2 of Section 22, Township 13 South, Range 38 East in Lea County, New Mexico. In support of its Application, Steward states:

- 1. Steward (OGRID No. 371682) is a working interest owner in the E/2 E/2 of Section 22 and has the right to drill a well thereon.
- 2. The horizontal spacing unit will be dedicated to the Combo Fee #1H well, which will be horizontally drilled from a surface location in Unit P in Section 15, Township 13 South, Range 38 East to a bottom hole location in Unit P in Section 22, Township 13 South, Range 38 East.
 - 3. The completed interval for the Combo Fee #1H well will be orthodox.
- 4. Steward has undertaken diligent, good-faith efforts to obtain voluntary agreements from all mineral interest owners within the horizontal spacing unit to participate in the drilling of the well but has been unable to obtain voluntary agreements from all of the mineral interest owners.
- 5. The pooling of all uncommitted mineral interests in the San Andres formation underlying the E/2 E/2 of Section 22 will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

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STEWARD ENERGY
Exhibit A-1

6. In order to allow Steward to obtain its just and fair share of the oil and gas

underlying the subject lands, all uncommitted mineral interest owners in the horizontal spacing

unit should be pooled.

WHEREFORE, Steward requests that this Application be set for hearing on October 8,

2020 and that, after notice and hearing, the Division enter an order:

Pooling all uncommitted mineral interests in the San Andres formation underlying A.

the E/2 E/2 of Section 22;

B. Designating Steward as the operator of the Combo Fee #1H well;

C. Authorizing Steward to recover its costs of drilling, equipping, and completing the

Combo Fee #1H well and allocating the costs among the well's working interest owners;

D. Approving the actual operating charges and costs of supervision during drilling and

after completion, together with a provision for adjusting the rates pursuant to the COPAS

accounting procedure; and

E. Imposing a 200% penalty for the risk assumed by Steward in drilling and

completing the Combo Fee #1H well against any mineral 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

P.O. Box 2068

Santa Fe, NM 87504-2068

Phone: (505) 982-4554

Facsimile: (505) 982-8623

dhardy@hinklelawfirm.com

Counsel for Steward Energy II, LLC

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<u>District I</u>
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
<u>District II</u>

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 <u>District IV</u>
1220 S. St. Francis Dr., Santa Fe. NM 87505

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

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STEWARD ENERGY
Exhibit A-2

orm C-102
ust 1, 2011
appropriate

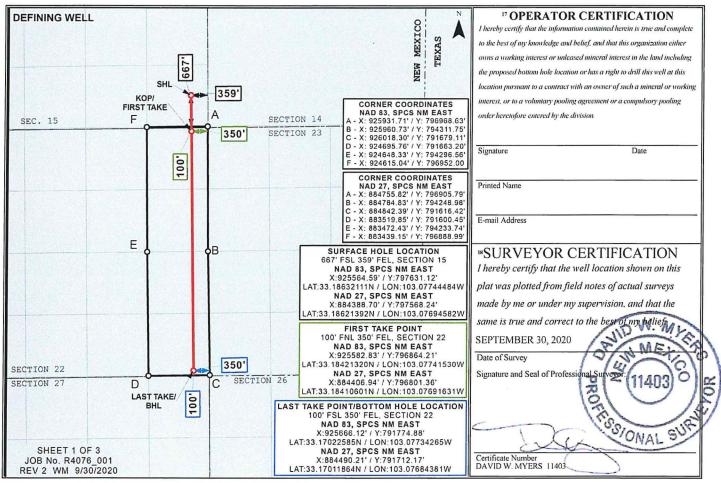
☐ AMENDED REPORT

District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number			² Pool Code		³ Pool Name					
				7500 BRONCO; SAN ANDRES, SOUTH				'H		
⁴ Property Code					5 Property N	Name			⁶ Well Number	
					COMBO	FEE			1H	
⁷ OGRID	No.				8 Operator N	Name				⁹ Elevation
37168	32			STE	WARD ENE	D ENERGY II, LLC 3803'			3803'	
					¹⁰ Surface I	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East	/West line	County
P	15	13S	38E		667	SOUTH	359	EAS	EAST LEA	
" Bottom Hole Location If Different From Surface										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East	West line	County
P	22	13S	38E		100	SOUTH	350	EAS	ST	LEA
12 Dedicated Acres	Joint or	r Infill	Consolidation C	Code 15 Or	der No.	•				
160.0										

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.



SWNE	SENE	SWNW	SENW	NEW	MEXICO	SWNW	SEN
NWSE	NESE	NWSW	NESW	NWSE	NESE	NWSW	NES
SWSE	SESE	SWSW	SESW	SWSE	SESE	SWSW	SES
NWNE	MENE	015 NWNW	NENW	anwn	NENE	014 NWNW	NEI
SWNE	SENE	SWNW	SENW 013S -	swne 038E	TRACT A SENE	SWNW	SEN
NWSE	NESE	NWSW	NESW	NWSE	NESE.	NWSW	NES
SWSE	SESE	swsw 022	SESW _	SWSE	TRACT B	swsw	SES
NWNE	NENE	NWNW	NENW	NVVNE	NENE .	NWNW	NEI
		RGY II, LLC	SENW	SWNE	SENE	SWNW	SEN
	O FEE #1H prizontal Spaci	ng Unit	STEWARD	energy oit A-3	NESE	NWSW	NES

Steward's Ownership

Tract A - (E/2 OF THE NE/4 of Sec. 22, T13S-R38E, being 80.0 Acres, more or less)

Steward Energy II, LLC

WI

61.439044%

Tract B - (E/2 OF THE SE/4 of Sec. 22, T13S-R38E, being 80.0 Acres, more or less)

Steward Energy II, LLC

WI

63.916666%

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STEWARD ENERGY

Exhibit A-4

Ownership by Tract and Status

Tract A

(E/2 OF THE NE/4 of Sec. 22, T13S-R38E, being 80.0 Acres, more or less)

Committed

<u>Owner</u>	<u>Type</u>	<u>Ownership</u>	Status
Steward Energy II, LLC	WI	61.439044%	JOA executed
G.O. Basic Energy I, LLC	WI	33.082562%	JOA executed
Whittington, Judith Hunt (Ovela Curry Hunt)	MI	0.347222%	AFE/Well Proposal Executed
Helton, Janice S. (Ovela Curry Hunt)	MI	0.347222%	AFE/Well Proposal Executed
Moore, Joyce E. (Ovela Curry Hunt)	MI	0.347222%	AFE/Well Proposal Executed
Randall, Joan (Ovela Curry Hunt)	MI	0.347222%	AFE/Well Proposal Executed

Uncommitted

Owner	Type	<u>Ownership</u>	<u>Status</u>
Ashton, Alisa Williams	MI	0.308642%	Unlocatable - pool
Estate of Della Terrell O'Heim	MI	0.694444%	Unlocatable - pool
Estate of Peggy Joyce Terrell Ebers	MI	1.388889%	Unlocatable - pool
Estate of Ruth Lucille Terrell Smith	MI	0.925926%	Unlocatable - pool
Terrell, David Allen	MI	0.231481%	Unlocatable - pool
Terrell, Robert Drake	MI	0.231481%	Unlocatable - pool
Williams, Larry D.	MI	0.308642%	Unlocatable - pool

Tract B

(E/2 OF THE SE/4 of Sec. 22, T13S-R38E, being 80.0 Acres, more or less)

Committed

Owner	Type	<u>Ownership</u>	<u>Status</u>
Steward Energy II, LLC	WI	63.916666%	JOA executed
G.O. Basic Energy I, LLC	WI	34.416667%	JOA executed

Uncommitted

Owner	Type	<u>Ownership</u>	<u>Status</u>
Woolsey, Leroy	MI	1.666667%	Unlocatable - pool

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STEWARD ENERGY
Exhibit A-5

Unlocatable parties to be pooled

Owner	<u>Type</u>	Tract
Ashton, Alisa Williams	MI	Tract A
Estate of Della Terrell O'Heim	MI	Tract A
Estate of Peggy Joyce Terrell Ebers	MI	Tract A
Estate of Ruth Lucille Terrell Smith	MI	Tract A
Terrell, David Allen	MI	Tract A
Terrell, Robert Drake	MI	Tract A
Williams, Larry D.	MI	Tract A
Woolsey, Leroy	MI	Tract B

Case No. 21455

STEWARD ENERGY Exhibit A-6



******VIA CERTIFIED U.S.P.S. MAIL******

May 21, 2020

Re: Steward Energy II, LLC

Well Proposal - COMBO FEE #1H

E/2 Section 22, Township 13 South, Range 38 East, N.M.P.M.

Lea County, New Mexico

Peggy Joyce Terrell Ebers 8815 60th Dr. NE Marysville, WA 98270

To whom it may concern,

This letter will serve as notice regarding the plans of Steward Energy II, LLC ("Steward") to drill the COMBO FEE #1H ("Well") with the horizontal component of the well being located in the E/2 of Section 22, Township 13 South, Range 38 East, Lea County, New Mexico. The Well will target the San Andres formation and will be drilled as a horizontal well with an approximate total depth drilled of 10,500 feet. The producing intervals of the Well will be located within the standard horizontal spacing unit ("Spacing Unit") approved by the New Mexico Oil Conservation Division.

Steward's ownership records indicate that you own an unleased mineral interest located within the Well's 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 \$1,266,896, with an additional \$1,870,600 to complete the well.

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.

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.

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STEWARD ENERGY Exhibit A-7

COMBOTES WITH OFFER TO MARTIGIPATE LETTER PD. 3

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 at land@stewardenergy.net or call (214) 297-0500.

land@stewardenergy.net or call (214) 297-0500.
Respectfully,
N. 6-20
Taylor Warren Land Manager
Attachment
Proportionate Interest: 0.735294% The undersigned elects to not to participate in the COMBO FEE #1H well with their proportionate interest.
Peggy Joyce Terrell Ebers
By: Date:



AUTHORIZATION FOR EXPENDITURE

Well Name: Combo Fee 1H

Operator: Steward Energy II, LLC

Well Type: Horizontal Oil

Q/Q/Q-S/T/R: E/2 of Sec. 22, T13S-R38E

AFE Type:

Drilling

AFE Number:

2004011DR

Prop. Depth:

Approx TVD 5500, MD 10500

AFE Date: County, State: 5/15/2020 Lea, NM

Field: Bronco; San Andres South

Prep. By:

Ben Barton

Surface

Long.

-103.043462

Lat. 33.100082

Bottom Hole

Long.

-103.043543

Lat. 33.103665

Project Description: DRILL AND COMPLETE 1 MILE SAN ANDRES HORIZONTAL WELL

Account #	Cost Breakdown	Drilling	Completion Cost Total
8200.100	Land, Surveying & Legal	\$15,000	\$15,000
8200.101	Abstract, Title & Permit	\$50,000	\$50,000
8200.102	ROW & Surface Damages	\$30,000	\$30,000
8200.103	Road, Pad Location & Pit Building	\$65,000	\$65,000
8200.104	Environ, Reg & Safety	\$3,500	\$3,500
8200.105	Well Insurance	\$2,200	\$2,200
8200.113	Contract Labor	\$5,500	\$5,500
8200.114	Consulting Services & Contract Supervision	\$51,500	\$51,500
8200.120	Vacuum & Pump Truck	\$10,000	\$10,000
8200.122	Material Transportation	\$8,000	\$8,000
8200.126	Fuel	\$30,500	\$30,500
8200.131	Chemical-Downhole Treating	\$2,400	\$2,400
8200.132	Mud & Additives	\$32,000	\$32,000
8200.140	Mob/Demob	\$62,000	\$62,000
8200.141	Mud Disposal/Pit Closure	\$150,000	\$150,000
3200.142	Trailer Rental, Camp & Catering	\$32,000	\$32,000
3200.144	Drilling Rig - Daywork or Footage	\$145,000	\$145,000
3200.149	Bits, Mills & Reamers	\$28,000	\$28,000
3200.151	Directional Services	\$94,500	\$94,500
3200.160	Casing Crews & Services	\$20,000	\$20,000
3200.161	Cementing Services	\$80,000	\$80,000
3200.170	Water Purchase & Transfer	\$25,000	\$25,000
3200.175	Surface Equipment Rental & Services	\$25,000	\$25,000
3200.176	Downhole Equipment Rental & Services	\$20,000	\$20,000
3200.193	Downhole Inspection/Testing - Casing, Tubing &	\$10,500	\$10,500
3200.301	Overhead	\$10,000	\$10,000
	IDC Total:	\$1,007,600	\$1,007,600
3250.200	Conductor/Drive Pipe	\$16,500	\$16,500
3250.201	Surface Casing	\$49,296	\$49,296
250.203	Production Casing	\$148,500	\$148,500
250.205	Wellhead Equipment, Flow Tee & Meter Run	\$15,000	\$15,000
3250.214	Other Downhole Equipment	\$30,000	\$30,000
10.00	TDC Total:	\$259,296	\$259,296
	Drilling Total:	\$1,266,896	\$1,266,896

8300.100	Cost Breakdown Drilling Land, Surveying & Legal	g Completion Cost \$3,000	Total \$3,000
8300.101	Abstract, Title & Permit	\$5,000	\$5,000
8300.114	Consulting Services & Contract Supervision	\$65,000	\$65,000
8300.120	Vacuum & Pump Truck	\$25,000	\$25,000
8300.122	Material Transportation	\$15,000	\$15,000
8300.126	Fuel	\$70,000	\$70,000
8300.131	Chemicals - Downhole Treating	\$3,000	\$3,000
8300.142	Trailer Rental, Camp & Catering	\$3,000	\$3,000
8300.143	Well Control - BOP, Isolation Assy	\$75,000	\$75,000
8300.146	Completion/Workover Rig	\$32,450	\$32,450
8300.148	Reverse Unit	\$14,000	\$14,000
8300.149	Bits, Mills & Reamers	\$4,500	\$4,500
8300.163	Cased Hole Logs	\$4,500	\$4,500
8300.164	Wireline & Perforating	\$85,000	\$85,000
8300.170	Water Purchase & Transfer	\$142,250	\$142,250
8300.171	Stimulation - Frac, Acid, Gravel Pack	\$570,000	\$570,000
8300.175	Surface Equipment Rental & Services	\$55,000	\$55,000
3300.176	Downhole Equipment Rental & Services	\$25,000	\$25,000
3300.179	Elect & Generator R&M	\$20,000	\$20,000
3300,193	Downhole Inspection/Testing - Casing, Tubing & Rods	\$2,500	\$2,500
	ICC Total:	\$1,219,200	\$1,219,200
350.205	Wellhead Equipment, Flow Tee & Meter Run	\$15,000	\$15,000
350.206	Tubing	\$30,000	\$30,000
350.211	Electric Submersible Pumps	\$225,500	\$225,500
350.213	Frac Plugs, Bridge Plus, Packers, Tubing Anchors	\$25,400	\$25,400
350.221	Surface VSD, Transformer, POC & Associated Equipment	\$22,000	\$22,000
350.234	Surface Pump & LACT's	\$2,500	\$2,500
	TCC Total:	\$320,400	\$320,400
600.102	ROW & Surface Darnages	\$46,000	\$46,000
600.111	Company Supervision	\$8,500	\$8,500
600.120	Vaccum & Pump Truck	\$8,000	\$8,000
600.122	Material Transportation	\$2,500	\$2,500
600.175	Surface Equipment Rental & Services	\$4,000	\$4,000
	IFC Total:	\$69,000	\$69,000
650.222	Instrumentation & Meters	\$13,000	\$13,000
650.223	SCADA & Communications	\$10,000	\$10,000
650.224	Electrial Installation & Power Generation	\$25,000	\$25,000
650.229	Prod & SWD Facility Inst.	\$85,000	\$85,000
650.231	Separator, Heater Treater, FWKO	\$64,000	\$64,000
650.233	Flowline & Gethering Lines	\$25,000	\$25,000
650.235	Miscellaneous Non-Controllable - Pipe, Valves & Fittings	\$40,000	\$40,000
	TFC Total:	\$262,000	\$262,000
	Completion Total:	\$1,870,600	\$1,870,600
		Drilling & Completion Total:	\$3,137,496
			+5/257,750

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



******VIA CERTIFIED U.S.P.S. MAIL******

August 4, 2020

Re: Steward Energy II, LLC

Well Proposal - COMBO FEE #1H

E/2E/2 Section 22, Township 13 South, Range 38 East, N.M.P.M.,

Lea County, New Mexico

Estate of Peggy Joyce Ebers PO Box 325 Concho, AZ 85924

Dear Mineral Owner,

This letter will serve as notice regarding the amended plans of Steward Energy II, LLC ("Steward") to drill the COMBO FEE #1H ("Well"). The size of the Unit has been amended, from a 320 acre unit, to a 160 acre Unit that covers the E/2E/2 of Section 22, Township 13 South, Range 38 East, Lea County, New Mexico. This has changed your Proportionate Interest in the Unit. The surface location will be in the S/2 SE/4 of Section 15, Township 13 South, Range 38 East, Lea County, New Mexico. The Well will target the San Andres formation and will be drilled as a horizontal well with an approximate total depth drilled of 10,500 feet. The producing intervals of the Well will be located within the standard horizontal spacing unit ("Spacing Unit") approved by the New Mexico Oil Conservation Division.

Steward's ownership records indicate that you own an unleased mineral interest located within the Well's 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 \$1,920,500 to complete the well.

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.

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 at land@stewardenergy.net or call (214) 297-0500

Respectfully,	
M. 6-20	
Taylor Warren Land Manager	
Attachment	
Proportionate Interest: 0.00694445 The undersigned elects to n with their proportionate interest.	ot to participate in the COMBO FEE #1H well
Estate of Peggy Joyce Ebers	
Ву:	Date:



AUTHORIZATION FOR EXPENDITURE

Well Name: Combo Fee 1H

Well Type: Oil

Operator: Steward Energy II, LLC

Q/Q/Q-S/T/R: E/2E/2 of Sec. 22, T13S-R38E

AFE Type: Drilling

AFE Number: 2004011DR AFE Date: 8/4/2020

Prop. Depth: TVD, MD

County, State: Lea, NM

Field: Platang (San Andres)

Prep. By: Ben Barton

Surface **Bottom Hole** Long. Long.

Lat. Lat. XLoc: XLoc: YLoc: YLoc:

Project Description: Drill & Complete a 1 mile San Andres well including pilot hole and tank battery

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 &	\$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	s	\$51,000	\$51,000
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		\$30,450	\$30,450
8300.148	Reverse Unit		\$15,000	\$15,000
8300.149	Bits, Mills & Reamers		\$3,500	\$3,500
8300.164	Wireline & Perforating		\$57,000	\$57,000
8300.170	Water Purchase & Transfer		\$145,250	\$145,250
8300.171	Stimulation - Frac, Acid, Gravel Pack		\$500,000	\$500,000
8300.175	Surface Equipment Rental & Services		\$35,000	\$35,000
8300.176	Downhole Equipment Rental & Services		\$21,000	\$21,000
8300.179	Elect & Generator R&M		\$21,000	\$21,000
-	ICC Total:		\$991,700	\$991,700
8350.205	Wellhead Equipment, Flow Tee & Meter Run		\$12,000	\$12,000
8350.206	Tubing		\$25,000	\$25,000
8350.211	Electric Submersible Pumps		\$225,500	\$225,500
8350.213	Frac Plugs, Bridge Plus, Packers, Tubing Anchors		\$19,000	\$19,000
8350.221	Surface VSD, Transformer, POC & Associated		\$20,000	\$20,000
8350.234	Surface Pump & LACT's		\$2,500	\$2,500
-	TCC Total:		\$304,000	\$304,000
8600.100	Land, Surveying, & Legal		\$2,000	\$2,000
8600.103	Road, Pad Location & Pit Building		\$13,000	\$13,000
8600.111	Company Supervision		\$12,500	\$12,500
8600.120	Vaccum & Pump Truck		\$1,500	\$1,500
8600.122	Material Transportation		\$3,800	\$3,800
8600.175	Surface Equipment Rental & Services		\$3,500	\$3,500
-	IFC Total:		\$36,300	\$36,300
8650.222	Instrumentation & Meters		\$22,000	\$22,000
8650.223	SCADA & Communications		\$32,000	\$32,000
8650.224	Electrial Installation & Power Generation		\$86,000	\$86,000
8650.229	Prod & SWD Facility Inst.		\$64,000	\$64,000
8650.230	Compressor, Dehy, Line Heater		\$25,000	\$25,000
8650.231	Separator, Heater Treater, FWKO		\$76,000	\$76,000
8650.232	Tanks, Walkways & Stairs		\$146,000	\$146,000
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 &		\$120,000	\$120,000
	TFC Total:		\$588,500	\$588,500
	Completion Total:		\$1,920,500	\$1,920,500
			Drilling & Completion Total:	\$3,388,030
		Net %:	0.694445% Net Total:	\$23,528
Approve	d by:	Signature		
Estate of Des	ray layes			Dates
Estate of Peg Ebers				Date:
				Date:
				Date.

At this time Steward was able to locate five (5) of the unlocatable mineral owners when well proposal letters were sent on August 17, 2020.

Steward continues to search for and speak with possible heirs to the remaining unlocatable mineral interest owners.

Case No. 21455

STEWARD ENERGY Exhibit A-8

Exhibit A to JOA

Steward Energy II, LLC to carry 65.0% G.O. Basic Energy I, LLC to carry 35.0 %

Steward Energy II, LLC	62.677855% WI
G.O. Basic Energy I, LLC P.O. Box 51451 Midland, TX 79710 Attn: Jack Holmes, President	33.749614% WI
Whittington, Judith Hunt	0.173611% WI
Helton, Janice S.	0.173611% WI
Moore, Joyce E	0.173611% WI
Randall, Joan	0.173611% WI
<u>Uncommitted</u>	2.878086 WI %

Case No. 21455

STEWARD ENERGY Exhibit A-9 Application of Steward Energy II, LLC for compulsory pooling, Lea County, New Mexico.

Applicant seeks an order pooling all uncommitted mineral interests in the San Andres formation in a 160-acre, more or less, standard horizontal spacing unit comprised of the E/2 E/2 of Section 22, Township 13 South, Range 38 East in Lea County, New Mexico. The horizontal spacing unit will be dedicated to the Combo Fee #1H well, which will be horizontally drilled from a surface location in Unit P in Section 15, Township 13 South, Range 38 East to a bottom hole location in Unit P in Section 22, Township 13 South, Range 38 East. The completed interval for the well will be orthodox. Also to be considered will be the cost of drilling and completing the well and the allocation of the cost, the designation of Steward Energy II, LLC as the operator of the well, and a 200% charge for the risk involved in drilling and completing the well. The well location is approximately fifteen (15) miles southeast of Tatum, New Mexico.

case No. 21455 STEWARD ENERGY Exhibit A-10



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

September 10, 2020

VIA CERTIFIED MAIL

Alisa Williams Ashton 1501 Pueblo Midland, TX 79705

Re: Steward Energy II, LLC New Mexico Oil Conservation Division Application

Dear Ms. Ashton:

Enclosed is a copy of an application that Steward Energy II, LLC ("Steward") has filed with the New Mexico Oil Conservation Division ("the Division"). Steward's application (Case No. 21455) requests an order pooling all uncommitted mineral interests in the San Andres formation in a 160-acre, more or less, standard horizontal spacing unit comprised of the E/2 E/2 of Section 22, Township 13 South, Range 38 East in Lea County, New Mexico.

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 October 8, 2020 beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the Division's Hearings website: http://www.emnrd.state.nm.us/OCD/hearings.html. You are not required to attend the hearing, but as an owner of an interest that may be affected by Steward's application, you may appear at the hearing and present testimony. If you do not appear at that time and become a party of record, you will be precluded from contesting the matter at a later date.

A party appearing in a Division case is required by the Division's Rules to file a Pre-Hearing Statement, which in this matter must be filed no later than October 1, 2020. The Pre-Hearing Statement must be filed with the Division and should include: the name of the party and the party's attorney; a concise statement of the case; the name(s) of the witness(es) the party will call to testify at the hearing; the approximate amount of time the party will need to present the party's case; and an identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to me.

Thank you for your attention to this matter.

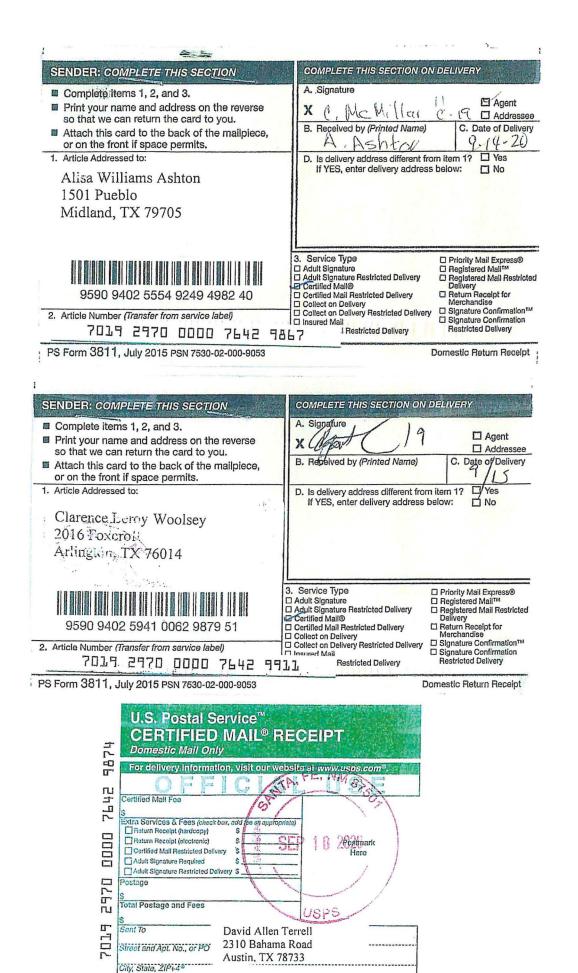
ery truly yours

Dana S Hardy

Case No. 2145

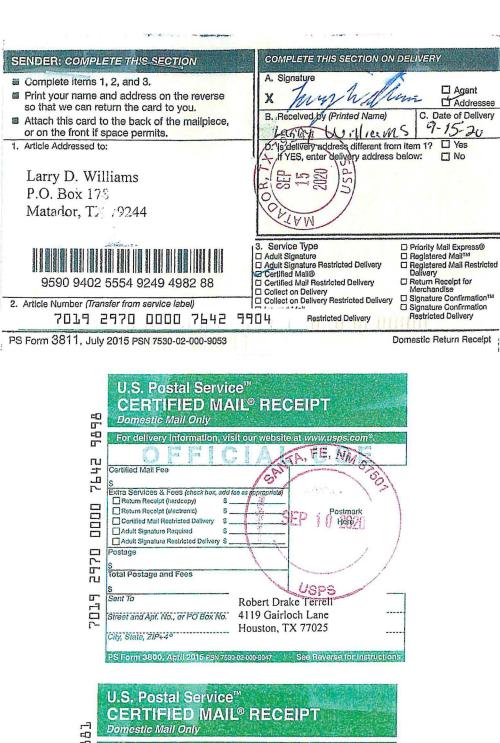
STEWARD ENERGY

Enclosure



PS Form 3800, April 2015 F9N 7530-02-000-9047 See Reverse for Instructions

100	
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3.	A. Signature
Print your name and address on the reverse	X Addressee □ Addressee
so that we can return the card to you. Attach this card to the back of the mailpiece,	B. Received by (Printed Name) C. Date of Delivery
or on the front if space permits.	19/14/20
Article Addressed to:	D. Is delivery address different from Item 1? / 🗆 ¼s If YES, enter delivery address below:
Estate of Della Terrell O'Heim	in recyclines desired, database esterni
c/o Lori Minkley	
7718 Bent Tree Drive	
Amarillo, TX 79121	
	CONTRACTOR OF THE PROPERTY OF
	3. Service Type ☐ Priority Mall Express® ☐ Registered Mail [™]
9590 9402 5554 9249 4982 26	☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail®
9590 9402 5554 9249 4962 26	☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise ☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation™
2. Article Number (Transfer from service label) 7019 2970 0000 7642 9	☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
PS Form 3811, July 2015 PSN 7530-02-000-9053	Domestic Return Receipt
The state of the s	
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3.	A. Signature
Print your name and address on the reverse	X THB C 19 DAgent DAddressee
so that we can return the card to you. Attach this card to the back of the mailpiece,	B. Received by (Printed Name) C. Date of Delivery
or on the front if space permits.	17/ OHETIN 9-14-20
Article Addressed to:	D. Is delivery address different from item 1? Yes
D	If YES, enter delivery address below:
Estate of Della Terrell O'Heim	
c/o Kurt O'Heim	
6600 Wenty ath Drive	
Amarillo, TX 79700	AND THE PROPERTY OF THE PROPER
	3. Service Type ☐ Priority Mall Express® ☐ Adult Signature ☐ Registered Mail™
	☐ Adult Signature Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Delivery
9590 9402 5554 9249 4982 33	☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise
7019 2970 0000 7642 98	☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation ☐ Signature Confirmation
	3 U ill Restricted Delivery Restricted Delivery
PS Form 3811, July 2015 PSN 7530-02-000-9053	Domestic Return Receipt
and the second	
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3.	A. Signature
Print your name and address on the reverse	X Latter Drode - Agent
so that we can return the card to you.	B. Received by (Printed Narrie) C. Date of Delivery
Attach this card to the back of the mallpiece, or on the front if space permits.	1 Atty Andrews 19/15/25
Article Addressed to:	D. Is delivery address different from Item 1?
Estate of Peggy Joyce Ebers	If YES, enter delivery address below: No
P.O. Box 325	
The second secon	
Concho, AZ 85924	
	3. Service Type ☐ Priority Mall Express® ☐ Adult Signature ☐ Registered Mail™
	Adult Signature Restricted Delivery Registered Mall Restricted Delivery
9590 9402 5554 9249 4982 19	☐ Certified Mail Restricted Delivery ☐ Return Receipt for
2 Article Number (Transfer from service label)	☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation™
7019 2970 0000 7642 9A	I Signature Confirmation I Restricted Delivery Restricted Delivery



delivery information, visit our we 구마되신 ertified Mail Fee Extra Services & Fees (check box, add fee a 0000 Return Receipt (electronic) Postmark Cortified Mall Restricted Delivery Adult Signature Required 1 0 2020 MAdult Skinature Restricted Delivery S 2970 Postage Total Postage and Fees Ruth Lucille Smith P.O. Box 14085 Street and Apt. No., or PO Box N South Lake Tahoe, CA 95702 PS Form 3800, April 2015 PSN 7530-02-000-9047

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 September 15, 2020 and ending with the issue dated September 15, 2020.

Sworn and subscribed to before me this 15th day of September 2020.

Business Manager

My commission expires

January 29, 2023



OFFICIAL SEAL **GUSSIE BLACK** Notary Public State of New Mexico My Commission Expires /

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL

LEGAL

LEGAL NOTICE September 15, 2020

This is to notify all interested parties, including Alisa Williams Ashton, the Estate of Della Terrell O'Heim, the Estate of Peggy Joyce Ebers, Ruth Lucille Smith, David Allen Terrell, Robert Drake Terrell, Larry D. Williams, Clarence Leroy Woolsey, and their successors and assigns, that the New Mexico Oil Conservation Division will conduct a hearing on an application submitted by Stoward Energy J. L. C. application submitted by Steward Energy II, LLC (Case No. 21455). During the COVID-19 Public Health Emergency, state buildings are closed to the Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on October 8, 2020 beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the O C D H e a r i n g s w e b s i t e: http://www.emprd.state.nm.us/OCD/hearings.html. Applicant seeks an order pooling all uncommitted mineral interests in the San Andres formation in a 160-acre, more or less, standard horizontal spacing unit comprised of the E/2 E/2 of Section 22, Township 13 South, Range 38 East in Lea County, New Mexico. The horizontal spacing unit will be dedicated to the Combo Fee #1H well, which will be horizontally drilled from a surface location in Unit P horizontally drilled from a surface location in Unit P in Section 15, Township 13 South, Range 38 East to a bottom hole location in Unit P in Section 22, Township 13 South, Range 38 East. The completed interval for the well will be orthodox. Also to be considered will be the cost of drilling and completing the well and the allocation of the cost, the designation of Steward Energy II, LLC as the operator of the well, and a 200% charge for the risk broked in drilling and completion the well. The well involved in drilling and completing the well. The well location is approximately fifteen (15) miles southeast of Tatum, New Mexico.

02107475

00246380

HINKLE, HENSLEY, SHANOR & MARTIN, LLP PO BOX 2068 SANTA FE, NM 87504

Case No. 21455

STEWARD ENERGY Exhibit A-12



AUTHORIZATION FOR EXPENDITURE

Well Name: Combo Fee 1H

Operator: Steward Energy II, LLC

AFE Type: Drilling

AFE Number:

2004011DR

Well Type: Oil Q/Q/Q-S/T/R: / / - / /

Prop. Depth: TVD, MD

AFE Date:

12/9/2019

Field: Platang (San Andres)

County, State: Prep. By: Lea, NM

Surface

Lat.

XLoc:

YLoc:

Ben Barton

Long. Long. Lat.

XLoc:

YLoc:

Bottom Hole Project Description:

Drill & Complete a 1 mile San Andres Well

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 &	\$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

Case No. 21455

STEWARD ENERGY Exhibit A-13

Account #	Cost Breakdown	Drilling	Completion Cost	Total
8300.114	Consulting Services & Contract Supervision		\$51,000	\$51,000
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		\$30,450	\$30,450
8300.148	Reverse Unit		\$15,000	\$15,000
8300.149	Bits, Mills & Reamers		\$3,500	\$3,500
8300.164	Wireline & Perforating		\$57,000	\$57,000
8300.170	Water Purchase & Transfer		\$145,250	\$145,250
8300.171	Stimulation - Frac, Acid, Gravel Pack		\$500,000	\$500,000
8300.175	Surface Equipment Rental & Services		\$35,000	\$35,000
8300.176	Downhole Equipment Rental & Services		\$21,000	\$21,000
8300.179	Elect & Generator R&M		\$21,000	\$21,000
	ICC Total:		\$991,700	\$991,700
8350.205	Wellhead Equipment, Flow Tee & Meter Run		\$12,000	\$12,000
8350.206	Tubing		\$25,000	\$25,000
8350.211	Electric Submersible Pumps		\$225,500	\$225,500
8350.213	Frac Plugs, Bridge Plus, Packers, Tubing Anchors		\$19,000	\$19,000
8350.221	Surface VSD, Transformer, POC & Associated		\$20,000	\$20,000
8350.234	Surface Pump & LACT's		\$2,500	\$2,500
	TCC Total:	The state of the s	\$304,000	\$304,000
8600.100	Land, Surveying, & Legal		\$2,000	\$2,000
8600.103	Road, Pad Location & Pit Building		\$13,000	\$13,000
8600.111	Company Supervision		\$12,500	\$12,500
8600.120	Vaccum & Pump Truck		\$1,500	\$1,500
8600.122	Material Transportation		\$3,800	\$3,800
8600.175	Surface Equipment Rental & Services		\$3,500	\$3,500
	IFC Total:		\$36,300	\$36,300
8650.222	Instrumentation & Meters		\$22,000	\$22,000
8650.223	SCADA & Communications		\$32,000	\$32,000
8650.224	Electrial Installation & Power Generation		\$86,000	\$86,000
8650.229	Prod & SWD Facility Inst.		\$64,000	\$64,000
8650.230	Compressor, Dehy, Line Heater		\$25,000	\$25,000
8650.231	Separator, Heater Treater, FWKO		\$76,000	\$76,000
8650.232	Tanks, Walkways & Stairs		\$146,000	\$146,000
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 &		\$120,000	\$120,000
	TFC Total:	The state of the s	\$588,500	\$588,500
	Completion Total:		\$1,920,500	\$1,920,500
			Drilling & Completion Total:	\$3,388,030
		Net %: 64.92034	Net Total:	\$2,199,521

Approved by: Signature	
Steward Energy II, LLC:	Date: 7-10-2020
	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. 21455

SELF-AFFIRMED STATEMENT OF SHANE SEALS

- 1. I am over 18 years of age and am competent to provide this Self-Affirmed Statement. I have personal knowledge of the matters addressed herein.
- 2. I am a geologist at Steward Energy II, LLC ("Steward"). I am familiar with the geological matters that pertain to Steward's application.
- 3. I have previously testified before the New Mexico Oil Conservation Division as an expert in geology, and my qualifications were accepted.
- 4. A general location map of the proposed horizontal spacing unit ("HSU") is attached as Exhibit B-1. Exhibit B-1 also provides the location of the well bore, a schematic of the proposed spacing unit, and a gunbarrel/lateral trajectory schematic.
- 5. A structure map of the San Andres formation is provided in Exhibit B-1. The map shows that the structure generally dips from north to south. It also shows a line of cross section and the HSU for the proposed Combo Fee #1H well.
- 6. Attached as Exhibit B-2 is a stratigraphic, west to east cross section. The well logs on the cross section provide a representative sample of the San Andres formation in the area. The target zone for the proposed well is continuous across the HSU.

Case No. 21455
STEWARD ENERGY
Exhibit B

7. The preferred orientation for horizontal wells in the area is south to north or north to south because there is a slightly dominant stress regime that makes the orientation optimal for completion purposes.

8. The well's producing interval will be orthodox.

9. There are no depth severances in the San Andres formation in the proposed HSU.

10. Based on the information discussed above, I am able to conclude that:

a) The HSU is justified from a geologic standpoint;

b) There is no faulting or other geologic impediment that could adversely affect the drilling of the proposed well; and

 Each quarter-quarter section in the HSU will contribute more or less equally to production.

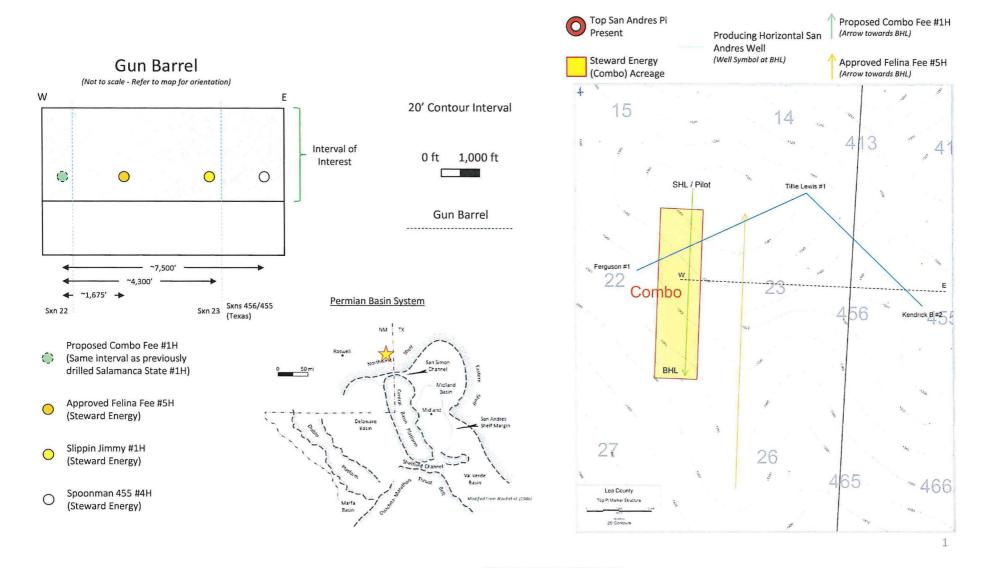
11. In my opinion, the granting of Steward's application will serve the interests of conservation and the prevention of waste.

12. Exhibits B-1 and B-2 were either prepared by mc or compiled from company records.

13. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 12 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.

Shane Seals

9 23 2000 Date



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STEWARD ENERGY
Exhibit B-1

