

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

APPLICATIONS OF FLAT CREEK RESOURCES, LLC
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO

Case Nos. 24807-24810

FLAT CREEK RESOURCES, LLC



Cardigan State Com 131H, 132H, 133H, 134H Wells Bonespring

September 12, 2024 Hearing

**Revised to include C102 for 131H and
revised Exhibits A-2 to A-5**

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Tab 1

	A	B
1	COMPULSORY POOLING	
2	ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	
3	Case: 24807	APPLICANT'S RESPONSE
4	Date	September 12, 2024
5	Applicant	Flat Creek Resources, LLC, obo FE Permian Operating I, LLC
6	Designated Operator & OGRID (affiliation if applicable)	Flat Creek Resources, LLC (374034)
7	Applicant's Counsel:	Sharon Shaheen (Santa Fe office of Spencer Fane LLP, fka Montgomery & Andrews, P.A.)
8	Case Title:	Application of Flat Creek Resources, LLC for Compulsory Pooling, Eddy County, New Mexico
9	Entries of Appearance/Intervenors:	Permian Resources Operating, LLC (Hinkle Shanor LLP, Dana S. Hardy, Jaclyn M. McLean, Dylan M. Villescas)
10	Well Family	Cardigan
11	Formation/Pool	
12	Formation Name(s) or Vertical Extent:	Bone Spring
13	Primary Product (Oil or Gas):	Oil
14	Pooling this vertical extent:	Bone Spring
15	Pool Name and Pool Code (Only if NSP is requested):	
16	Well Location Setback Rules (Only if NSP is Requested):	
17	Spacing Unit	
18	Type (Horizontal/Vertical)	Horizontal
19	Size (Acres)	240 acres
20	Building Blocks:	40-acre tracts
21	Orientation:	East to West
22	Description: TRS/County	N/2 NW/4 of Section 13 and N/2 N/2 of Section 14, Township 19 South, Range 27 East, in Eddy County, New Mexico
23	Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes
24	Other Situations	
25	Depth Severance: Y/N. If yes, description	No
26	Proximity Tracts: If yes, description	No
27	Proximity Defining Well: if yes, description	n/a
28	Applicant's Ownership in Each Tract	Tract 1: 0%; Tract 2: 0%; Tract 3: 0%; Tract 4: 100%; Tract 5: 0%;Tract 6: 0%
29	Well(s)	
30	Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
31	Well #1	Cardigan State Com 131H well, SHL: ~530’ FNL and 1,420’ FWL of Section 13, T19S-R27E; BHL: ~455’ FNL and 100’ FWL of Section 14, T19S-R27E

	A	B
32	Well #2	n/a
33	Horizontal Well First and Last Take Points	FTP: ~330’ FNL and 4,590’ FWL of Section 13, T19S-R27E. LTP: ~455’ FNL and 100’ FWL of Section 14, T19S-R27E
34	Completion Target (Formation, TVD and MD)	Bone Spring (TVD: 7,826'; MD 16,350')
35	AFE Capex and Operating Costs	
36	Drilling Supervision/Month \$	\$8000, see Exhibit A para. 23
37	Production Supervision/Month \$	\$800, see Exhibit A para. 23
38	Justification for Supervision Costs	See AFE attached to Exhibit A-7
39	Requested Risk Charge	200%, see Exhibit A para. 24
40	Notice of Hearing	
41	Proposed Notice of Hearing	Provided with filing of application
42	Proof of Mailed Notice of Hearing (20 days before hearing)	See Exhibit C & C-1
43	Proof of Published Notice of Hearing (10 days before hearing)	See Exhibit C & C-2
44	Ownership Determination	
45	Land Ownership Schematic of the Spacing Unit	See Exhibits A-2 and A-3
46	Tract List (including lease numbers and owners)	Exhibit A-4
47	If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	n/a
48	Pooled Parties (including ownership type)	Exhibit A-4
49	Unlocatable Parties to be Pooled	
50	Ownership Depth Severance (including percentage above & below)	n/a
51	Joinder	
52	Sample Copy of Proposal Letter	Exhibit A-7
53	List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-4
54	Chronology of Contact with Non-Joined Working Interests	Exhibit A-5
55	Overhead Rates In Proposal Letter	n/a
56	Cost Estimate to Drill and Complete	See AFE attached to Exhibit A-7
57	Cost Estimate to Equip Well	See AFE attached to Exhibit A-7
58	Cost Estimate for Production Facilities	n/a
59	Geology	
60	Summary (including special considerations)	See Exhibit B
61	Spacing Unit Schematic	See Exhibit A-2; see also Exhibit B-3
62	Gunbarrel/Lateral Trajectory Schematic	Exhibit B-2
63	Well Orientation (with rationale)	Exhibit B, para. 13
64	Target Formation	Exhibit B-5
65	HSU Cross Section	Exhibit B-5
66	Depth Severance Discussion	n/a
67	Forms, Figures and Tables	
68	C-102	Exhibit A-7

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69	Tracts	Exhibits A-2 and A-3
70	Summary of Interests, Unit Recapitulation (Tracts)	Exhibits A-3 and A-4
71	General Location Map (including basin)	Exhibit B-1
72	Well Bore Location Map	Exhibits B-3 and B-4
73	Structure Contour Map - Subsea Depth	Exhibit B-3
74	Cross Section Location Map (including wells)	Exhibit B-4
75	Cross Section (including Landing Zone)	Exhibit B-5
76	Additional Information	
77	Special Provisions/Stipulations	
78	CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
79	Printed Name (Attorney or Party Representative):	Sharon T. Shaheen
80	Signed Name (Attorney or Party Representative):	/s/ Sharon T. Shaheen
81	Date:	9/5/2024

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1	COMPULSORY POOLING	
2	ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	
3	Case: 24808	APPLICANT'S RESPONSE
4	Date	September 12, 2024
5	Applicant	Flat Creek Resources, LLC, obo FE Permian Operating I, LLC
6	Designated Operator & OGRID (affiliation if applicable)	Flat Creek Resources, LLC (374034)
7	Applicant's Counsel:	Sharon Shaheen (Santa Fe office of Spencer Fane LLP, fka Montgomery & Andrews, P.A.)
8	Case Title:	Application of Flat Creek Resources, LLC for Compulsory Pooling, Eddy County, New Mexico
9	Entries of Appearance/Intervenors:	Permian Resources Operating, LLC (Hinkle Shanor LLP, Dana S. Hardy, Jaclyn M. McLean, Dylan M. Villescas)
10	Well Family	Cardigan
11	Formation/Pool	
12	Formation Name(s) or Vertical Extent:	Bone Spring
13	Primary Product (Oil or Gas):	Oil
14	Pooling this vertical extent:	Bone Spring
15	Pool Name and Pool Code (Only if NSP is requested):	
16	Well Location Setback Rules (Only if NSP is Requested):	
17	Spacing Unit	
18	Type (Horizontal/Vertical)	Horizontal
19	Size (Acres)	320 acres
20	Building Blocks:	40-acre tracts
21	Orientation:	East to West
22	Description: TRS/County	S/2 NW/4 of Section 13, S/2 N/2 of Section 14, and the S/2 NE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico
23	Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes
24	Other Situations	
25	Depth Severance: Y/N. If yes, description	No
26	Proximity Tracts: If yes, description	No
27	Proximity Defining Well: if yes, description	n/a
28	Applicant's Ownership in Each Tract	Tract 1: 0%; Tract 2: 100%; Tract 3: 0%; Tract 4: 0%
29	Well(s)	
30	Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
31	Well #1	Cardigan State Com 132H well, SHL: ~2,083’ FSL and 1,766’ FWL of Section 13, T19S-R27E; BHL: ~1,730’ FNL and 2,547’ FEL of Section 15, T19S-R27E

	A	B
32	Well #2	n/a
33	Horizontal Well First and Last Take Points	FTP: ~1,652’ FNL and 2,567’ FWL of Section 13, T19S-R27E. LTP: ~1,730’ FNL and 2,547’ FEL of Section 15, T19S-R27E
34	Completion Target (Formation, TVD and MD)	Bone Spring (TVD: 7,736’; MD 18,695')
35	AFE Capex and Operating Costs	
36	Drilling Supervision/Month \$	\$8000, see Exhibit A para. 23
37	Production Supervision/Month \$	\$800, see Exhibit A para. 23
38	Justification for Supervision Costs	See AFE attached to Exhibit A-7
39	Requested Risk Charge	200%, see Exhibit A para. 24
40	Notice of Hearing	
41	Proposed Notice of Hearing	Provided with filing of application
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45	Land Ownership Schematic of the Spacing Unit	See Exhibits A-2 and A-3
46	Tract List (including lease numbers and owners)	Exhibit A-4
47	If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	n/a
48	Pooled Parties (including ownership type)	Exhibit A-4
49	Unlocatable Parties to be Pooled	
50	Ownership Depth Severance (including percentage above & below)	n/a
51	Joinder	
52	Sample Copy of Proposal Letter	Exhibit A-7
53	List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-4
54	Chronology of Contact with Non-Joined Working Interests	Exhibit A-5
55	Overhead Rates In Proposal Letter	n/a
56	Cost Estimate to Drill and Complete	See AFE attached to Exhibit A-7
57	Cost Estimate to Equip Well	See AFE attached to Exhibit A-7
58	Cost Estimate for Production Facilities	n/a
59	Geology	
60	Summary (including special considerations)	See Exhibit B
61	Spacing Unit Schematic	See Exhibit A-2; see also Exhibit B-3
62	Gunbarrel/Lateral Trajectory Schematic	Exhibit B-2
63	Well Orientation (with rationale)	Exhibit B, para. 13
64	Target Formation	Exhibit B-5
65	HSU Cross Section	Exhibit B-5
66	Depth Severance Discussion	n/a
67	Forms, Figures and Tables	
68	C-102	Exhibit A-7

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69	Tracts	Exhibits A-2 and A-3
70	Summary of Interests, Unit Recapitulation (Tracts)	Exhibits A-3 and A-4
71	General Location Map (including basin)	Exhibit B-1
72	Well Bore Location Map	Exhibits B-3 and B-4
73	Structure Contour Map - Subsea Depth	Exhibit B-3
74	Cross Section Location Map (including wells)	Exhibit B-4
75	Cross Section (including Landing Zone)	Exhibit B-5
76	Additional Information	
77	Special Provisions/Stipulations	
78	CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
79	Printed Name (Attorney or Party Representative):	Sharon T. Shaheen
80	Signed Name (Attorney or Party Representative):	/s/ <i>Sharon T. Shaheen</i>
81	Date:	9/5/2024

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1	COMPULSORY POOLING	
2	ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	
3	Case: 24809	APPLICANT'S RESPONSE
4	Date	September 12, 2024
5	Applicant	Flat Creek Resources, LLC, obo FE Permian Operating I, LLC
6	Designated Operator & OGRID (affiliation if applicable)	Flat Creek Resources, LLC (374034)
7	Applicant's Counsel:	Sharon Shaheen (Santa Fe office of Spencer Fane LLP, fka Montgomery & Andrews, P.A.)
8	Case Title:	Application of Flat Creek Resources, LLC for Compulsory Pooling, Eddy County, New Mexico
9	Entries of Appearance/Intervenors:	Permian Resources Operating, LLC (Hinkle Shanor LLP, Dana S. Hardy, Jaclyn M. McLean, Dylan M. Villescas)
10	Well Family	Cardigan
11	Formation/Pool	
12	Formation Name(s) or Vertical Extent:	Bone Spring
13	Primary Product (Oil or Gas):	Oil
14	Pooling this vertical extent:	Bone Spring
15	Pool Name and Pool Code (Only if NSP is requested):	
16	Well Location Setback Rules (Only if NSP is Requested):	
17	Spacing Unit	
18	Type (Horizontal/Vertical)	Horizontal
19	Size (Acres)	320 acres
20	Building Blocks:	40-acre tracts
21	Orientation:	East to West
22	Description: TRS/County	N/2 SW/4 of Section 13, N/2 S/2 of Section 14, and the N/2 SE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico
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24	Other Situations	
25	Depth Severance: Y/N. If yes, description	No
26	Proximity Tracts: If yes, description	No
27	Proximity Defining Well: if yes, description	n/a
28	Applicant's Ownership in Each Tract	Tract 1: 0%; Tract 2: 0%; Tract 3: 0%; Tract 4: 100%; Tract 5: 0%; Tract 6: 0%
29	Well(s)	
30	Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
31	Well #1	Cardigan State Com 133H well, SHL: ~2,053’ FSL and 1,766’ FWL of Section 13, T19S-R27E; BHL: ~1,883’ FSL and 2,545’ FEL of Section 15, T19S-R27E

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32	Well #2	n/a
33	Horizontal Well First and Last Take Points	FTP: ~1,978’ FSL and 2,548’ FWL of Section 13, T19S-R27E. LTP: ~1,883’ FSL and 2,545’ FEL of Section 15, T19S-R27E
34	Completion Target (Formation, TVD and MD)	Bone Spring (TVD: 7,772’; MD 18,480’)
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59	Geology	
60	Summary (including special considerations)	See Exhibit B
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64	Target Formation	Exhibit B-5
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1	COMPULSORY POOLING	
2	ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	
3	Case: 24810	APPLICANT'S RESPONSE
4	Date	September 12, 2024
5	Applicant	Flat Creek Resources, LLC, obo FE Permian Operating I, LLC
6	Designated Operator & OGRID (affiliation if applicable)	Flat Creek Resources, LLC (374034)
7	Applicant's Counsel:	Sharon Shaheen (Santa Fe office of Spencer Fane LLP, fka Montgomery & Andrews, P.A.)
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58	Cost Estimate for Production Facilities	n/a
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64	Target Formation	Exhibit B-5
65	HSU Cross Section	Exhibit B-5
66	Depth Severance Discussion	n/a
67	Forms, Figures and Tables	
68	C-102	Exhibit A-7

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75	Cross Section (including Landing Zone)	Exhibit B-5
76	Additional Information	
77	Special Provisions/Stipulations	
78	CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
79	Printed Name (Attorney or Party Representative):	Sharon T. Shaheen
80	Signed Name (Attorney or Party Representative):	/s/ Sharon T. Shaheen
81	Date:	9/5/2024

Tab 2

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

**APPLICATION OF FLAT CREEK RESOURCES, LLC
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

Case No. _____

APPLICATION

Flat Creek Resources, LLC, OGRID No. 374034 (“Flat Creek” or “Applicant”), as operator and on behalf of FE Permian Owner I, LLC (“FE Permian I”), as working interest owner, files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all mineral interests in the Bone Spring formation in a standard 280-acre, more or less, horizontal spacing and proration unit (“HSU”), comprised of the N/2 NW/4 of Section 13 and N/2 N/2 of Section 14, Township 19 South, Range 27 East, in Eddy County, New Mexico.

In support of its application, Flat Creek states as follows:

1. Flat Creek is the operator acting on behalf of FE Permian Owner I, LLC, a working interest owner in the proposed HSU, which has the right to drill thereon.
2. Flat Creek proposes to drill the following well in the HSU: **Cardigan State Com 131H** well, to be horizontally drilled from a surface hole location approximately 530’ FNL and 1,420’ FWL of Section 13, T19S-R27E to a bottomhole location approximately 455’ FNL and 100’ FWL of Section 14, T19S-R27E.
3. The completed intervals and first and last take points will meet the setback requirements set forth in the statewide rules for horizontal oil wells.

4. Flat Creek has in good faith sought and been unable to obtain voluntary agreement for the development of these lands from all of the mineral interest owners in the HSU.

5. Approval of the HSU and the pooling of all mineral interest owners in the Bone Spring formation underlying the HSU will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

6. In order to permit FE Permian I to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in this HSU should be pooled and Flat Creek should be designated the operator of the HSU.

WHEREFORE, Flat Creek requests that this application be set for September 12, 2024 docket and that, after notice and hearing as required by law, the Division enter an order:

A. Creating a standard 320-acre, more or less, HSU comprised of the S/2 N/2 of Sections 13 and 14, , Township 19 South, Range 27 East, in Eddy County, New Mexico.

B. Pooling all mineral interests in the Bone Spring formation underlying the HSU;

C. Allowing the drilling of the following well in the HSU: **Cardigan State Com 131H** well;

D. Designating Flat Creek as operator of the HSU and the well to be drilled thereon;

E. Authorizing Flat Creek to recover its costs of drilling, equipping and completing the well;

F. Approving the operating charges and costs of supervision while drilling of \$8,000/month and, after completion, \$800/month, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

G. Imposing a 200% penalty for the risk assumed by Flat Creek in drilling and completing the well against any interest owner who does not voluntarily participate in the drilling of the well.

Respectfully submitted,

SPENCER FANE LLP

/s/ Sharon T. Shaheen

Sharon T. Shaheen

325 Paseo de Peralta

Santa Fe, NM 87501

(505) 986-2678

sshaheen@spencerfane.com

[ec: dortiz@spencerfane.com](mailto:ec_dortiz@spencerfane.com)

Attorneys for Flat Creek Resources, LLC

Application of Flat Creek Resources, LLC for Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Division pooling all uncommitted mineral interests in the Bone Spring formation in a standard 280-acre, more or less, horizontal spacing and proration unit ("HSU"), comprised of the N/2 NW/4 of Section 13 and N/2 N/2 of Section 14, Township 19 South, Range 27 East, in Eddy County, New Mexico. Applicant proposes to drill the following well in the HSU: **Cardigan State Com 131H** well, to be horizontally drilled from a surface hole location approximately 530' FNL and 1,420' FWL of Section 13, T19S-R27E to a bottomhole location approximately 455' FNL and 100' FWL of Section 14, T19S-R27E. The completed interval and first and last take points will meet statewide setback requirements for horizontal oil wells. 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 Operator of the well, and a 200% charge for the risk involved in drilling and completing the well. The well and land are approximately 14 miles Southwest of Loco Hills, New Mexico.

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

**APPLICATION OF FLAT CREEK RESOURCES, LLC
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

Case No. _____

APPLICATION

Flat Creek Resources, LLC, OGRID No. 374034 (“Flat Creek” or “Applicant”), as operator and on behalf of FE Permian Owner I, LLC (“FE Permian I”), as working interest owner, files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all mineral interests in the Bone Spring formation in a standard 320-acre, more or less, horizontal spacing and proration unit (“HSU”), comprised of the S/2 NW/4 of Section 13, S/2 N/2 of Section 14, and the S/2 NE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico.

In support of its application, Flat Creek states as follows:

1. Flat Creek is the operator acting on behalf of FE Permian Owner I, LLC, a working interest owner in the proposed HSU, which has the right to drill thereon.
2. Flat Creek proposes to drill the following well in the HSU:
 - **Cardigan Fed Com 132H** well, to be horizontally drilled from a surface hole location approximately 2,083’ FSL and 1,766’ FWL of Section 13, T19S-R27E to a bottom hole location approximately 1,730’ FNL and 2,547’ FEL of Section 15, T19S-R27E.
3. The completed intervals and first and last take points will meet the setback requirements set forth in the statewide rules for horizontal oil wells.

4. Flat Creek has in good faith sought and been unable to obtain voluntary agreement for the development of these lands from all of the mineral interest owners in the HSU.

5. Approval of the HSU and the pooling of all mineral interest owners in the Bone Spring formation underlying the HSU will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

6. In order to permit FE Permian I to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in this HSU should be pooled and Flat Creek should be designated the operator of the HSU.

WHEREFORE, Flat Creek requests that this application be set for September 12, 2024 docket and that, after notice and hearing as required by law, the Division enter an order:

A. Creating a standard 320-acre, more or less, HSU comprised of the S/2 NW/4 of Section 13, S/2 N/2 of Section 14, and the S/2 NE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico.

B. Pooling all mineral interests in the Bone Spring formation underlying the HSU;

C. Allowing the drilling of the following well in the HSU: **Cardigan Fed Com 132H** well;

D. Designating Flat Creek as operator of the HSU and the well to be drilled thereon;

E. Authorizing Flat Creek to recover its costs of drilling, equipping and completing the well;

F. Approving the operating charges and costs of supervision while drilling of \$8,000/month and, after completion, \$800/month, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

G. Imposing a 200% penalty for the risk assumed by Flat Creek in drilling and completing the well against any interest owner who does not voluntarily participate in the drilling of the well.

Respectfully submitted,

SPENCER FANE LLP

/s/ Sharon T. Shaheen

Sharon T. Shaheen

325 Paseo de Peralta

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(505) 986-2678

sshaheen@spencerfane.com

[ec: dortiz@spencerfane.com](mailto:ec_dortiz@spencerfane.com)

Attorneys for Flat Creek Resources, LLC

Application of Flat Creek Resources, LLC for Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Division pooling all uncommitted mineral interests in the Bone Spring formation in a standard 280-acre, more or less, horizontal spacing and proration unit ("HSU"), comprised of the S/2 NW/4 of Section 13, S/2 N/2 of Section 14, and the S/2 NE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico. Applicant proposes to drill the following well in the HSU: Cardigan State Com 132H well, to be horizontally drilled from a surface hole location approximately 2,083' FSL and 1,766' FWL of Section 13, T19S-R27E to a bottom hole location approximately 1,730' FNL and 2,547' FEL of Section 15, T19S-R27E. The completed interval and first and last take points will meet statewide setback requirements for horizontal oil wells. 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 Operator of the well, and a 200% charge for the risk involved in drilling and completing the well. The well and land are approximately 14 miles Southwest of Loco Hills, New Mexico.

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EDDY COUNTY, NEW MEXICO**

Case No. _____

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2. Flat Creek proposes to drill the following well in the HSU:
 - **Cardigan Fed Com 133H** well, to be horizontally drilled from a surface hole location approximately 2,053’ FSL and 1,766’ FWL of Section 13, T19S-R27E to a bottom hole location approximately 1,883’ FSL and 2,545’ FEL of Section 15, T19S-R27E.
3. The completed intervals and first and last take points will meet the setback requirements set forth in the statewide rules for horizontal oil wells.

4. Flat Creek has in good faith sought and been unable to obtain voluntary agreement for the development of these lands from all of the mineral interest owners in the HSU.

5. Approval of the HSU and the pooling of all mineral interest owners in the Bone Spring formation underlying the HSU will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

6. In order to permit FE Permian I to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in this HSU should be pooled and Flat Creek should be designated the operator of the HSU.

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A. Creating a standard 320-acre, more or less, HSU comprised of the N/2 SW/4 of Section 13, the N/2 S/2 of Section 14, and the N/2 SE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico.

B. Pooling all mineral interests in the Bone Spring formation underlying the HSU;

C. Allowing the drilling of the following well in the HSU: **Cardigan Fed Com 133H** well;

D. Designating Flat Creek as operator of the HSU and the well to be drilled thereon;

E. Authorizing Flat Creek to recover its costs of drilling, equipping and completing the well;

F. Approving the operating charges and costs of supervision while drilling of \$8,000/month and, after completion, \$800/month, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

G. Imposing a 200% penalty for the risk assumed by Flat Creek in drilling and completing the well against any interest owner who does not voluntarily participate in the drilling of the well.

Respectfully submitted,

SPENCER FANE LLP

/s/ Sharon T. Shaheen

Sharon T. Shaheen

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Attorneys for Flat Creek Resources, LLC

Application of Flat Creek Resources, LLC for Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Division pooling all uncommitted mineral interests in the Bone Spring formation in a standard 280-acre, more or less, horizontal spacing and proration unit ("HSU"), comprised of the N/2 SW/4 of Section 13, the N/2 S/2 of Section 14, and the N/2 SE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico. Applicant proposes to drill the following well in the HSU: Cardigan State Com 132H well, to be horizontally drilled from a surface hole location approximately 2,053' FSL and 1,766' FWL of Section 13, T19S-R27E to a bottom hole location approximately 1,883' FSL and 2,545' FEL of Section 15, T19S-R27E. The completed interval and first and last take points will meet statewide setback requirements for horizontal oil wells. 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 Operator of the well, and a 200% charge for the risk involved in drilling and completing the well. The well and land are approximately 14 miles Southwest of Loco Hills, New Mexico.

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EDDY COUNTY, NEW MEXICO**

Case No. _____

APPLICATION

Flat Creek Resources, LLC, OGRID No. 374034 (“Flat Creek” or “Applicant”), as operator and on behalf of FE Permian Owner I, LLC (“FE Permian I”), as working interest owner, files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all mineral interests in the Bone Spring formation in a standard 320-acre, more or less, horizontal spacing and proration unit (“HSU”), comprised of the S/2 SW/4 of Section 13, the S/2 S/2 of Section 14, and the S/2 SE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico.

In support of its application, Flat Creek states as follows:

1. Flat Creek is the operator acting on behalf of FE Permian Owner I, LLC, a working interest owner in the proposed HSU, which has the right to drill thereon.
2. Flat Creek proposes to drill the following well in the HSU:
 - **Cardigan Fed Com 134H** well, to be horizontally drilled from a surface hole location approximately 2,023’ FSL and 1,765’ FWL of Section 13, T19S-R27E to a bottom hole location approximately 383’ FSL and 2,543’ FEL of Section 15, T19S-R27E.
3. The completed intervals and first and last take points will meet the setback requirements set forth in the statewide rules for horizontal oil wells.

4. Flat Creek has in good faith sought and been unable to obtain voluntary agreement for the development of these lands from all of the mineral interest owners in the HSU.

5. Approval of the HSU and the pooling of all mineral interest owners in the Bone Spring formation underlying the HSU will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

6. In order to permit FE Permian I to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in this HSU should be pooled and Flat Creek should be designated the operator of the HSU.

WHEREFORE, Flat Creek requests that this application be set for September 12, 2024 docket and that, after notice and hearing as required by law, the Division enter an order:

A. Creating a standard 320-acre, more or less, HSU comprised of the N/2 SW/4 of Section 13, the N/2 S/2 of Section 14, and the N/2 SE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico.

B. Pooling all mineral interests in the Bone Spring formation underlying the HSU;

C. Allowing the drilling of the following well in the HSU: **Cardigan Fed Com 133H** well;

D. Designating Flat Creek as operator of the HSU and the well to be drilled thereon;

E. Authorizing Flat Creek to recover its costs of drilling, equipping and completing the well;

F. Approving the operating charges and costs of supervision while drilling of \$8,000/month and, after completion, \$800/month, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

G. Imposing a 200% penalty for the risk assumed by Flat Creek in drilling and completing the well against any interest owner who does not voluntarily participate in the drilling of the well.

Respectfully submitted,

SPENCER FANE LLP

/s/ Sharon T. Shaheen

Sharon T. Shaheen

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Attorneys for Flat Creek Resources, LLC

Application of Flat Creek Resources, LLC for Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Division pooling all uncommitted mineral interests in the Bone Spring formation in a standard 280-acre, more or less, horizontal spacing and proration unit ("HSU"), comprised of the S/2 SW/4 of Section 13, the S/2 S/2 of Section 14, and the S/2 SE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico. Applicant proposes to drill the following well in the HSU: Cardigan State Com 132H well, to be horizontally drilled from a surface hole location 2,023' FSL and 1,765' FWL of Section 13, T19S-R27E to a bottom hole location approximately 383' FSL and 2,543' FEL of Section 15, T19S-R27E. The completed interval and first and last take points will meet statewide setback requirements for horizontal oil wells. 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 Operator of the well, and a 200% charge for the risk involved in drilling and completing the well. The well and land are approximately 14 miles Southwest of Loco Hills, New Mexico.

Tab 3

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

**APPLICATIONS OF FLAT CREEK RESOURCES, LLC
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

Case Nos. 24807-24810

AFFIRMATION OF LANDMAN MICHAEL GREGORY

I, Michael Gregory, make the following self-affirmed statement:

1. I am over the age of 18, and have the capacity to execute this affirmation, which is based on my personal knowledge.
2. I am employed as the Vice President of Land for Flat Creek Resources, LLC ("Flat Creek" or "Applicant"), and I am familiar with the subject applications and the lands involved.
3. This affirmation is submitted in connection with the filing by Flat Creek of the above-referenced compulsory pooling applications pursuant to 19.15.4.12.A(1) NMAC.
4. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum land matters. My education and work experience are as follows: I graduated from Texas Tech University with a bachelor's degree in Energy Commerce in 2008. After graduation, I worked as a Senior Landman at XTO Energy for approximately ten years. I have worked for Flat Creek since June 2018. I have worked on New Mexico land matters for approximately eight years.
5. Applicant filed these applications on behalf of its affiliate FE Permian Operating I, LLC.
6. The purpose of these applications is to force pool working interest owners into the horizontal spacing units ("HSU") described below and in the wells to be drilled in the HSUs.

EXHIBIT A

7. The interest owners being pooled have been contacted regarding the proposed wells, but have failed or refused to voluntarily commit their interest in the wells.

8. In **Case No. 24807**, Applicant seeks an order from the Division pooling all uncommitted mineral interests in the Bone Spring formation in a standard 240-acre, more or less, horizontal spacing and proration unit ("HSU"), comprised of the N/2 NW/4 of Section 13 and N/2 N/2 of Section 14, Township 19 South, Range 27 East, in Eddy County, New Mexico. Applicant proposes to drill the following well in the HSU: **Cardigan State Com 131H** well, to be horizontally drilled from a surface hole location approximately 530' FNL and 1,420' FWL of Section 13, T19S-R27E to a bottomhole location approximately 455' FNL and 100' FWL of Section 14, T19S-R27E. The first take point will be located approximately 330' FNL and 2,590' FWL of Section 13, T19S-R27E. The last take point will be located approximately 455' FNL and 100' FWL of Section 14, T19S-R27E.

9. In **Case No. 24808**, Applicant seeks an order from the Division pooling all uncommitted mineral interests in the Bone Spring formation in a standard 320-acre, more or less, HSU, comprised of the S/2 NW/4 of Section 13, S/2 N/2 of Section 14, and the S/2 NE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico. Applicant proposes to drill the following well in the HSU: **Cardigan Fed Com 132H** well, to be horizontally drilled from a surface hole location approximately 2,083' FSL and 1,766' FWL of Section 13, T19S-R27E to a bottom hole location approximately 1,730' FNL and 2,547' FEL of Section 15, T19S-R27E. The first take point will be located approximately 1,652' FNL and 2,567' FWL of Section 13, T19S-R27E. The last take point will be located approximately 1,730' FNL and 2,547' FEL of Section 15, T19S-R27E.

10. In **Case No. 24809**, Applicant seeks an order from the Division pooling all uncommitted mineral interests in the Bone Spring formation in a standard 320-acre, more or less, HSU, comprised of the N/2 SW/4 of Section 13, the N/2 S/2 of Section 14, and the N/2 SE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico. Applicant proposes to drill the following well in the HSU: Cardigan Fed Com 133H well, to be horizontally drilled from a surface hole location approximately 2,053' FSL and 1,766' FWL of Section 13, T19S-R27E to a bottom hole location approximately 1,883' FSL and 2,545' FEL of Section 15, T19S-R27E. The first take point will be located approximately 1,978' FSL and 2,548' FWL of Section 13, T19S-R27E. The last take point will be located approximately 1,883' FSL and 2,545' FEL of Section 15, T19S-R27E.

11. In **Case No. 24810**, Applicant seeks an order from the Division pooling all uncommitted mineral interests in the Bone Spring formation in a standard 320-acre, more or less, HSU, comprised of the S/2 SW/4 of Section 13, the S/2 S/2 of Section 14, and the S/2 SE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico. Applicant proposes to drill the following well in the HSU: Cardigan State Com 134H well, to be horizontally drilled from a surface hole location 2,023' FSL and 1,765' FWL of Section 13, T19S-R27E to a bottom hole location approximately 383' FSL and 2,543' FEL of Section 15, T19S-R27E. The first take point will be located approximately 478' FSL and 2,531' FWL of Section 13, T19S-R27E. The last take point will be located approximately 383' FSL and 2,543' FEL of Section 15, T19S-R27E.

12. The first and last take points and completed intervals for all proposed wells will meet the setback requirements set forth in the statewide rules for horizontal oil wells and special pool rules or statewide rules, as applicable, for horizontal oil wells.

13. A general location map is attached as **Exhibit A-1**.

14. Maps illustrating the tracts in the proposed HSUs are attached as **Exhibit A-2**.

15. Maps illustrating the ownership in each tract are attached as **Exhibit A-3**. FE Permian Owner I, LLC (“FE Permian”) is a partnership that Flat Creek manages whereby FE Permian is the record title owner of Flat Creek and FE Permian’s leasehold and minerals. Flat Creek is the designated operator and manager of these assets pursuant to a Management Services Agreement between the parties.

16. Unit ownership and lists of pertinent leases are included as **Exhibit A-4**. The parties being forcepooled are highlighted in yellow. There are no depth severances in the formations being pooled.

17. A chronology of contacts with the non-joined working interest owners to be pooled is attached as **Exhibit A-5**.

18. The locations of the proposed wells within the respective HSUs are depicted in the C-102 forms attached as **Exhibit A-6**. The C-102 forms also indicate the locations of each surface hole, bottom hole, and the first and last take points.

19. Flat Creek conducted a diligent search of the public records in Eddy County, New Mexico, where the wells will be located, and conducted phone directory and computer searches to obtain contact information for parties entitled to notification.

20. Flat Creek mailed all parties well proposals, including an Authorization for Expenditure (“AFE”) for each well. **Exhibit A-7** includes a copy of the well proposal letter and AFEs for the proposed wells. The estimated costs of the wells set forth in the AFEs are fair, reasonable, and comparable to the costs of other wells of similar depths and lengths drilled in this area of New Mexico.

21. **Exhibit A-8** is a sample copy of the notice letter that was sent with the applications to the uncommitted working interest owners to be pooled in the proposed HSUs, to the Bureau of Land Management, and to the State Land Office.

22. Flat Creek has made a good faith effort to obtain voluntary joinder of the working interest owners in the proposed wells.

23. Flat Creek requests the Division to approve operating charges and costs of supervision while drilling of \$8,000/month and, after completion, \$800/month, together with a provision adjusting the rates pursuant to the COPAS accounting procedures.

24. Flat Creek requests the maximum cost, plus 200% risk charge, be assessed against non-consenting working interest owners.

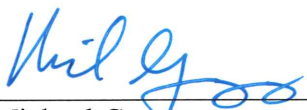
25. Flat Creek requests that it be designated operator of the wells.

26. The exhibits hereto were prepared by me or compiled from Flat Creek's business records.

27. The granting of the Applications is in the interests of conservation, the prevention of waste, and the protection of correlative rights.

28. The foregoing is correct and complete to the best of my knowledge and belief.

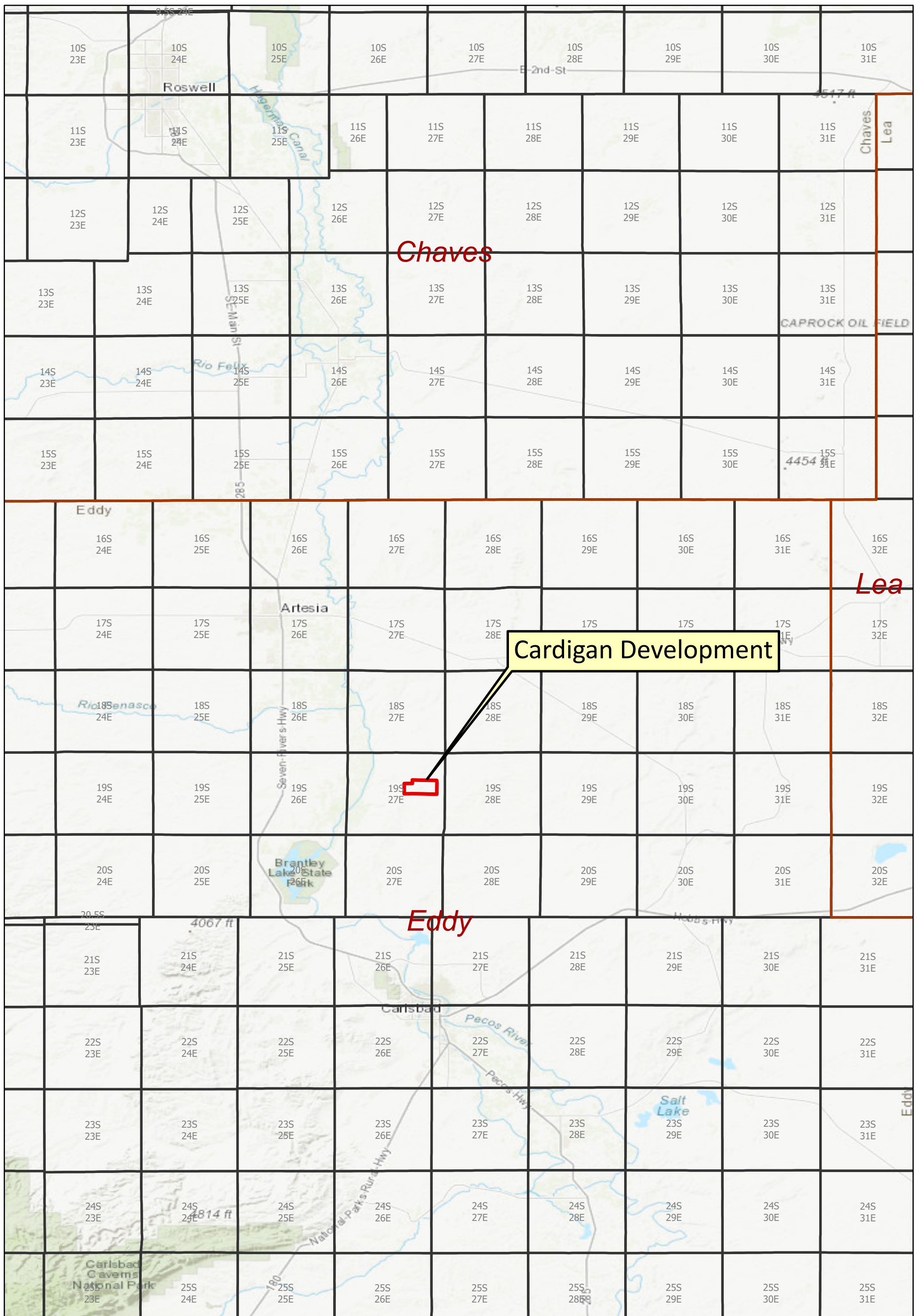
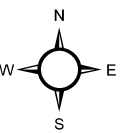
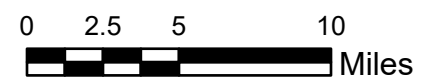
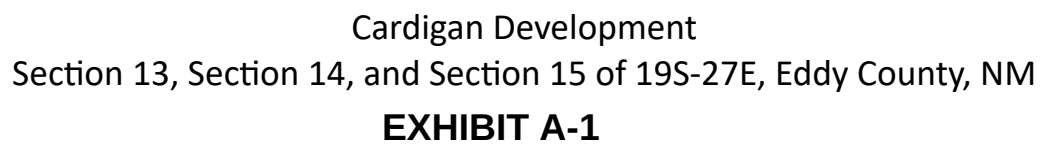
I affirm under penalty of perjury under the laws of the State of New Mexico that this statement is true and correct.



Michael Gregory



DATE

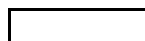


Cardigan State Com Well

T19S - R27E, Eddy County, New Mexico

Tract Map - 131H Unit**Section 15 (E/2)****Section 14 (All)****Section 13 (W/2)**

		Tract 4	Tract 3	Tract 2		Tract 1		N2N2
Tract 4	Tract 3	Tract 2				Tract 1		S2N2
Tract 6		Tract 5		Tract 4	Tract 3	Tract 2	Tract 1	N2S2
Tract 6		Tract 5		Tract 4	Tract 3	Tract 2	Tract 1	S2S2

 Tract Outline

 Unit Outline
**EXHIBIT A-2**

Cardigan Fed Com Well

T19S - R27E, Eddy County, New Mexico

Tract Map - 132H Unit



Section 15 (E/2)

Section 14 (All)

Section 13 (W/2)

		Tract 4	Tract 3	Tract 2		Tract 1		N2N2
Tract 4	Tract 3	Tract 2				Tract 1		S2N2
Tract 6		Tract 5		Tract 4	Tract 3	Tract 2	Tract 1	N2S2
Tract 6		Tract 5		Tract 4	Tract 3	Tract 2	Tract 1	S2S2

 Tract Outline

 Unit Outline



Cardigan Fed Com Well

T19S - R27E, Eddy County, New Mexico

Tract Map - 133H Unit



Section 15 (E/2)

Section 14 (All)

Section 13 (W/2)

		Tract 4	Tract 3	Tract 2		Tract 1		N2N2
Tract 4	Tract 3	Tract 2				Tract 1		S2N2
Tract 6		Tract 5		Tract 4	Tract 3	Tract 2	Tract 1	N2S2
Tract 6		Tract 5		Tract 4	Tract 3	Tract 2	Tract 1	S2S2

 Tract Outline

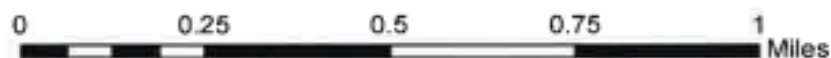
 Unit Outline



Cardigan Fed Com Well

T19S - R27E, Eddy County, New Mexico

Tract Map - 134H Unit



Section 15 (E/2)

Section 14 (All)

Section 13 (W/2)

		Tract 4	Tract 3	Tract 2		Tract 1		N2N2
Tract 4	Tract 3	Tract 2				Tract 1		S2N2
Tract 6		Tract 5		Tract 4	Tract 3	Tract 2	Tract 1	N2S2
Tract 6		Tract 5		Tract 4	Tract 3	Tract 2	Tract 1	S2S2

 Tract Outline

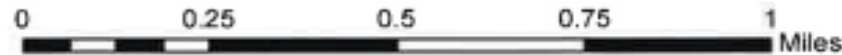
 Unit Outline



Cardigan State Com Well

T19S - R27E, Eddy County, New Mexico

Ownership Map (Working Interest) - 131H Unit



Section 15 (E/2)

Section 14 (All)

Section 13 (W/2)



Tract 1:

FE Permian Owner I, LLC - 0%
EOG Resources, Inc. - 100%

Tract 3:

FE Permian Owner I, LLC - 100%

Tract 2:

FE Permian Owner I, LLC - 0%
Permian Resources Operating, LLC - 100%

Tract 4:

FE Permian Owner I, LLC - 0%
See Ex A-4 for other WI owners

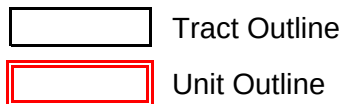
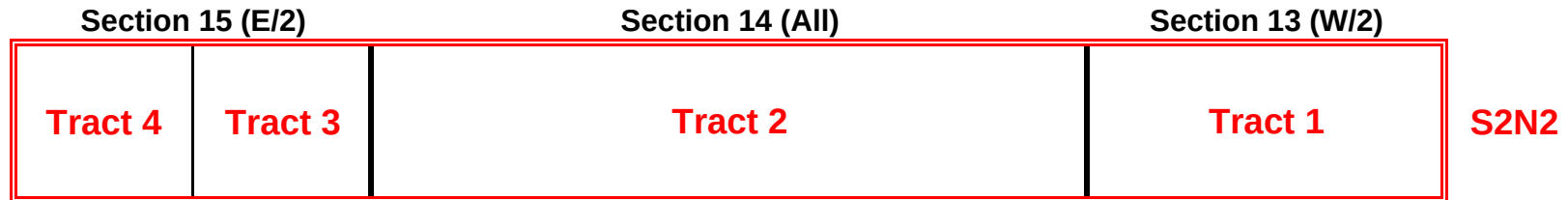
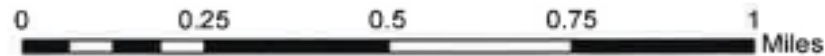


EXHIBIT A-3

Cardigan Fed Com Well

T19S - R27E, Eddy County, New Mexico

Ownership Map (Working Interest) - 132H Unit



Tract 1:

FE Permian Owner I, LLC - 0%
EOG Resources, Inc. - 100%

Tract 3:

FE Permian Owner I, LLC - 0%
Occidental Permian, LP - 100%

Tract 2:

FE Permian Owner I, LLC - 100%

Tract 4:

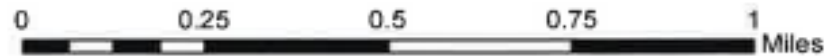
FE Permian Owner I, LLC - 0%
See Ex A-4 for other WI owners



Cardigan Fed Com Well

T19S - R27E, Eddy County, New Mexico

Ownership Map (Working Interest) - 133H Unit



Section 15 (E/2)

Section 14 (All)

Section 13 (W/2)



Tract 1:

FE Permian Owner I, LLC - 0%
See Ex A-4 for other WI owners

Tract 4:

FE Permian Owner I, LLC - 100%

Tract 2:

FE Permian Owner I, LLC - 0%
See Ex A-4 for other WI owners

Tract 5:

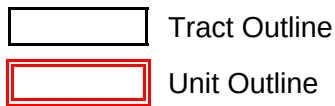
FE Permian Owner I, LLC - 0%
See Ex A-4 for other WI owners

Tract 3:

FE Permian Owner I, LLC - 0%
See Ex A-4 for other WI owners

Tract 6:

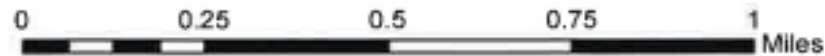
FE Permian Owner I, LLC - 0%
Occidental Permian, LP - 100%



Cardigan Fed Com Well

T19S - R27E, Eddy County, New Mexico

Ownership Map (Working Interest) - 134H Unit



Section 15 (E/2)

Section 14 (All)

Section 13 (W/2)



Tract 1:

FE Permian Owner I, LLC - 0%
Permian Resources Operating, LLC - 100%

Tract 2:

FE Permian Owner I, LLC - 0%
See Ex A-4 for other WI owners

Tract 3:

FE Permian Owner I, LLC - 0%
See Ex A-4 for other WI owners

Tract 4:

FE Permian Owner I, LLC - 100%

Tract 5:

FE Permian Owner I, LLC - 0%
See Ex A-4 for other WI owners

Tract 6:

FE Permian Owner I, LLC - 0%
Occidental Permian, LP - 100%

 Tract Outline

 Unit Outline



Ownership Breakdown - 131H Unit

NOTE: The parties being force pooled are highlighted in yellow.

Owner Name	Owner Address	Ownership Type	Tract(s)	Unit Net Acres	Unit Working Interest	Unit ORRI
FE Permian Owner I, LLC	777 Main Street, Suite 3600 Fort Worth, TX 76102	Leasehold Interest	3	40.0000	0.16666667	
OXY USA WTP, LP	5 EAST GREENWAY PLAZA STE 110 HOUSTON, TX 77046	Leasehold Interest	4	15.0000	0.06250000	
EOG Resources, Inc.	P.O. BOX 2267 MIDLAND, TX 79702 ATTN: MIDLAND DIVISION - LAND DEPT	Leasehold Interest	1, 4	87.5000	0.36458333	
Permian Resources Operating, LLC	300 N MARIENFIELD ST, STE 1000 MIDLAND, TX 79701	Leasehold Interest	2	80.0000	0.33333333	
Mark Wilson Family Partnership, LP	4501 GREENTREE BLVD MIDLAND, TX 79707	Leasehold Interest	4	17.5000	0.07291667	
Tap Rock Resources III, LLC	523 PARK POINT DRIVE, SUITE 200 GOLDEN, CO 80401	SLO Lessee of Record	3	n/a	n/a	
Ergodic Resources, LLC	P. O. Box 2021 Roswell, NM 88202	Overriding Royalty Interest				0.00283333
Abuelo, LLC	21 Crook Drive Artesia, NM 88210	Overriding Royalty Interest				0.00283333
Mark E. Boling Revocable Trust	8210 Louisiana Blvd, Ste B Albuquerque, NM 87113	Overriding Royalty Interest				0.00283333
Silverhair, LLC	1301 Lewis Rd Artesia, NM 88210	Overriding Royalty Interest				0.00106250
Loco Hills Production Company, LLC	P. O. Box 779 Artesia, NM 88211	Overriding Royalty Interest				0.00106250
Mark Wilson Family Partnership, L.P.	4501 Greentree Blvd Midland, TX 79707	Overriding Royalty Interest				0.00500000
Rio Pecos Corporation	4501 Greentree Blvd Midland, TX 79707	Overriding Royalty Interest				0.00100000
TWR IV, LLC	3724 Hulen Street Fort Worth, TX 76107	Overriding Royalty Interest				0.00100000
Cannon Exploration Co.	36085 County Rd. 1184 Midland, TX 79706	Overriding Royalty Interest				0.00100000
Hollyhock Corp.	4105 Baybrook Drive Midland, TX 79707	Overriding Royalty Interest				0.00100000
Tara-Jon Corp.	P. O. Box 3388 Midland, TX 79702	Overriding Royalty Interest				0.00100000
Colgate Royalties, LP	300 North Marienfeld Street, Suite 1000 Midland, TX 79701	Overriding Royalty Interest				0.01666667
Estate of Thelma R. Schneider	1903 Wagonwheel Ave. Las Vegas, NM 89119-2873 Michael Aaron Mills (Grandson) 6343 Isabel Cove Ave. Las Vegas, NV 89139	Overriding Royalty Interest				0.00018519
Javier Arturo Lujan	1407 South 21st Street Artesia, NM 88210	Overriding Royalty Interest				0.00018519
Estate of Bernard W. Schneider	C/O Jo Lynn Schneider (daughter) 516 W. Garst Ave, Apt 4132 Artesia, NM 88210	Overriding Royalty Interest				0.00002315
Midland AOG Partners, Ltd.	P. O. Box 793 Midland, TX 79702	Overriding Royalty Interest				0.00004167
Cole L. Oliver	P. O. Box 89 Abilene, TX 79604	Overriding Royalty Interest				0.00000463
Estate of Myrtle Lee Schneider McLaughlin	C/O John Cecil Fox (Grandson) 14510 Suzanna St. Amarillo, TX 79119-5887	Overriding Royalty Interest				0.00013889
Estate of Mrs. Hester Terpening	C/O William L. Terpening, Sr. (son) Rt. 3, Box 76, Troup, TX 75789-9104 Jerry C. Terpening, H/o Nancy C. Terpening (Grandson) P.O. Box 207 Artesia, NM 88211	Overriding Royalty Interest				0.00018519
Estate of Elizabeth J. Schneider Fullingim	C/O Darrell Edward Fullingim (son) 1331 Downs Dr. Minden, NV 89423	Overriding Royalty Interest				0.00002315
Estate of Ivan Charles Schneider	C/O Michael Ivan Schneider 3480 E. Huntsville Rd., Lot 5 Fayetteville, AR 72701	Overriding Royalty Interest				0.00002315
Francis D. Schneider	P. O. Box 1492 Hope, NM 88250-1492	Overriding Royalty Interest				0.00002315

EXHIBIT A-4

Tom Ross Atkinson	6399 Oak Ln Robstown, TX 78380-5244	Overriding Royalty Interest				0.00010417
Grace Ann Atkinson Buchanan	46 Bethpage Dr. Laguna Vista, TX 78578-2863	Overriding Royalty Interest				0.00010417
Rebecca S. Lefurgey Wade	203 Chama Dr. Victoria, TX 77904	Overriding Royalty Interest				0.00010417
William C. Lefurgey	271 Meadowlande Dr. Yoakum, TX 77995	Overriding Royalty Interest				0.00010417
John Stallings Atkinson	502 Rhodes Rd. Victoria, TX 77904	Overriding Royalty Interest				0.00020833
Jesse Dale Atkinson	2104 E. Trinity ST. Victoria, TX 77901	Overriding Royalty Interest				0.00020833
Blanche Widaman Trust Wells Fargo Bank, N.A.	P. O. Box 5383 Denver, CO 80217	Overriding Royalty Interest				0.00083333
Estate of Greta M. Edgington	C/O Donna Knothe 302 W 2 Street Paxton, NE 69155	Overriding Royalty Interest				0.00208333
Alyson Jan McMinn Trust	P. O. Box 1267 Roswell, NM 88202	Overriding Royalty Interest				0.00062500
			240.00	100.0000%	4.2500%	

Lease Schedule - 131H Unit

Lessor	Lessee	S, T, R	Effective Date	County, State	Unit Tract	Vol / Page
State of NM (LG-2676-0002)	Southland Royalty Company	Sec 13, 19S-27E	3/1/1975	Eddy, NM	1	185 / 1
State of NM (VC-1205-0000)	Permian Resources Operating, LLC	Sec 14, 19S-27E	1/1/2024	Eddy, NM	2	n/a
State of NM (VC-0538-0001)	Tascosa Energy Partners, LLC	Sec 14, 19S-27E	1/1/2019	Eddy, NM	3	n/a
State of NM (X0-2029-0073)	W. F. Daugherty	Sec 14, 19S-27E	12/17/1924	Eddy, NM	4	186/353

Ownership Breakdown - 132H Unit

NOTE: The parties being force pooled are highlighted in yellow.

Owner Name	Owner Address	Ownership Type	Tract(s)	Unit Net Acres	Unit Working Interest	Unit ORRI
FE Permian Owner I, LLC	777 Main Street, Suite 3600 Fort Worth, TX 76102	Leasehold Interest	2	160.0000	0.50000000	
Occidental Permian, LP	5 EAST GREENWAY PLAZA STE 110 HOUSTON, TX 77046	Leasehold Interest	3, 4	46.2500	0.14453125	
OXY USA WTP, LP	5 EAST GREENWAY PLAZA STE 110 HOUSTON, TX 77046	Leasehold Interest	4	8.7500	0.02734375	
BP America Production Company	501 WESTLAKE PARK BOULEVARD HOUSTON, TX 77079	Leasehold Interest	4	15.0000	0.04687500	
EOG Resources, Inc.	P.O. BOX 2267 MIDLAND, TX 79702 ATTN: MIDLAND DIVISION - LAND DEPT	Leasehold Interest	1, 4	90.0000	0.28125000	
Tap Rock Resources III, LLC	523 PARK POINT DRIVE, SUITE 200 GOLDEN, CO 80401	SLO Lessee of Record	2	n/a	n/a	
OXY Y-1 Co.	5 EAST GREENWAY PLAZA STE 110 HOUSTON, TX 77046	SLO Lessee of Record	4	n/a	n/a	
Ergodic Resources, LLC	P. O. Box 2021 Roswell, NM 88202	Overriding Royalty Interest				0.00200000
Abuelo, LLC	21 Crook Drive Artesia, NM 88210	Overriding Royalty Interest				0.00200000
Mark E. Boling Revocable Trust	8210 Louisiana Blvd, Ste B Albuquerque, NM 87113	Overriding Royalty Interest				0.00200000
Silverhair, LLC	1301 Lewis Rd Artesia, NM 88210	Overriding Royalty Interest				0.00075000
Loco Hills Production Company, LLC	P. O. Box 779 Artesia, NM 88211	Overriding Royalty Interest				0.00075000
Mark Wilson Family Partnership, L.P.	4501 Greentree Blvd Midland, TX 79707	Overriding Royalty Interest				0.00375000
Rio Pecos Corporation	4501 Greentree Blvd Midland, TX 79707	Overriding Royalty Interest				0.00075000
TWR IV, LLC	3724 Hulen Street Fort Worth, TX 76107	Overriding Royalty Interest				0.00075000
Cannon Exploration Co.	36085 County Rd. 1184 Midland, TX 79706	Overriding Royalty Interest				0.00075000
Hollyhock Corp.	4105 Baybrook Drive Midland, TX 79707	Overriding Royalty Interest				0.00075000
Tara-Jon Corp.	P. O. Box 3388 Midland, TX 79702	Overriding Royalty Interest				0.00075000
Errett Allan Hummel, Trustee of the Errett Allan Hummel Living Trust	7263 Blue Falls Circle Reno, NV 89511	Overriding Royalty Interest				0.00125000
Edgar Stephen Cord Hummel, Trustee of the Edgar Stephen Cord Hummel Living Trust	1620 Catalpa Lane Reno, NV 89511	Overriding Royalty Interest				0.00125000
William Cord Hummel, Trustee of the William Cord Hummel Living Trust dated 8/3/2001	345 Park Ridge Boerne, TX 78006	Overriding Royalty Interest				0.00125000
Peter Russell Kirk Hummel, Trustee of the Peter Russell Kirk Russell Living Trust dated 2/6/2001	2140 Green Tree Lane Reno, NV 89511	Overriding Royalty Interest				0.00125000
Virginia Michelle Hummel Arrington, Trustee of the Virginia Michelle Hummel Living Trust dated 9/9/2005	74136 Via Venezia Palm Desert, CA 92260	Overriding Royalty Interest				0.00125000
Eagle Trust UTA dated 11/9/2006, as amended	P. O. Box 10350 Reno, NV 89510	Overriding Royalty Interest				0.00156250
Richardson Mineral & Royalty, LLC	P. O. Box 2423 Roswell, NM 88202	Overriding Royalty Interest				0.00125000
Tim Cavanaugh	7217 Hollis St NE Albuquerque, NM 87109	Overriding Royalty Interest				0.00031250
Colleen Blackman	151 N Roadrunner Pkwy Apt 322 Las Cruces, NM 88011	Overriding Royalty Interest				0.00031250
Cathy Jones	13401 Riverside Drive Apt 209 Sherman, CA 91423	Overriding Royalty Interest				0.00031250
L. S. Henry, LLC	P. O. Box 742735 Dallas, TX 75347	Overriding Royalty Interest				0.00031250
Mountain Lion Oil and Gas, LLC	7941 Katy Freeway #117 Houston, TX 77024	Overriding Royalty Interest				0.00031250

Rockwood Resources, LLC	P. O. Box 2250 Sulphur Springs, TX 75483	Overriding Royalty Interest				0.00098750
Wing Resources VII, LLC	2100 McKinney Avenue, Ste 1540 Dallas, TX 75201	Overriding Royalty Interest				0.00098750
Charles R. Wiggins	P. O. Box 10862 Midland, TX 79702	Overriding Royalty Interest				0.00142500
Lewis A. Woodall Living Trust dated September 15, 2000	503 Coachouse Court Louisville, KY 40223	Overriding Royalty Interest				0.00071250
Richard A. Woodall	P. O. Box 9513 Bakersfield, CA 93389	Overriding Royalty Interest				0.00071250
Windom Royalties LLC	15303 Dallas Parkway, Ste 1350 Addison, TX 75001	Overriding Royalty Interest				0.00142500
			320.00	100.0000%	3.1875%	

Lease Schedule - 132H Unit

Lessor	Lessee	S, T, R	Effective Date	County, State	Unit Tract	Vol / Page
State of NM (LG-2676-0002)	Southland Royalty Company	Sec 13, 19S-27E	3/1/1975	Eddy, NM	1	185 / 1
State of NM (VC-0538-0001)	Tascosa Energy Partners, LLC	Sec 14, 19S-27E	1/1/2019	Eddy, NM	2	n/a
USA (NMNM 19597)	Pete Panos	Sec 15, 19S-27E	12/1/1973	Eddy, NM	3	n/a
USA (NMNM 1530)	Sally C. Hummel	Sec 15, 19S-27E	3/1/1967	Eddy, NM	4	n/a

Ownership Breakdown - 133H Unit

NOTE: The parties being force pooled are highlighted in yellow.

Owner Name	Owner Address	Ownership Type	Tract(s)	Unit Net Acres	Unit Working Interest	Unit ORRI
FE Permian Owner I, LLC	777 Main Street, Suite 3600 Fort Worth, TX 76102	Leasehold Interest	4	40.0000	0.12500000	
Occidental Permian, LP	5 EAST GREENWAY PLAZA STE 110 HOUSTON, TX 77046	Leasehold Interest	6	80.0000	0.25000000	
EOG Resources, Inc.	P.O. BOX 2267 MIDLAND, TX 79702 ATTN: MIDLAND DIVISION - LAND DEPT	Leasehold Interest	3, 5	44.4444	0.13888889	
ZPX Delaware, LLC	2000 POST OAK BLVD HOUSTON, TX 77056	Leasehold Interest	5	40.0000	0.12500000	
Marathon Oil Corporation	990 TOWN AND COUNTRY BLVD HOUSTON, TX 77024 ATTN: LAND DEPT	Leasehold Interest	5	12.7778	0.03993056	
WPX Energy Permian, LLC	333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102	Leasehold Interest	5	12.7778	0.03993056	
I & L Development Co.	3500 OAK LAWN AVE, SUITE 720 DALLAS, TX 75219	Leasehold Interest	3	5.0000	0.01562500	
J. Cleo Thompson & James Cleo Thompson, Jr., LP	325 N ST PAUL ST, STE 4300 DALLAS, TX 75201	Leasehold Interest	3	5.0000	0.01562500	
Permian Resources Operating, LLC (formerly Harvard Petroleum Company, LLC)	300 N MARIENFIELD ST, STE 1000 MIDLAND, TX 79701	Leasehold Interest	1, 2	52.0000	0.16250000	
Devon Energy Production Company	333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102-5015	Leasehold Interest	1, 2	28.0000	0.08750000	
Tap Rock Resources III, LLC	523 PARK POINT DRIVE, SUITE 200 GOLDEN, CO 80401	SLO Lessee of Record	4	n/a	n/a	
Chi Energy, Inc.	PO BOX 1799 MIDLAND, TX 79702-1799	SLO Lessee of Record	1	n/a	n/a	
Ergodic Resources, LLC	P. O. Box 2021 Roswell, NM 88202	Overriding Royalty Interest				0.00033333
Abuelo, LLC	21 Crook Drive Artesia, NM 88210	Overriding Royalty Interest				0.00033333
Mark E. Boling Revocable Trust	8210 Louisiana Blvd, Ste B Albuquerque, NM 87113	Overriding Royalty Interest				0.00033333
Silverhair, LLC	1301 Lewis Rd Artesia, NM 88210	Overriding Royalty Interest				0.00012500
Loco Hills Production Company, LLC	P. O. Box 779 Artesia, NM 88211	Overriding Royalty Interest				0.00012500
Mark Wilson Family Partnership, L.P.	4501 Greentree Blvd Midland, TX 79707	Overriding Royalty Interest				0.00125000
Lowe Royalty Partners, LP	4400 Post Oak Pkwy #2550 Houston, TX 77027	Overriding Royalty Interest				0.00375000
Chi Energy, Inc.	P. O. Box 1799 Midland, TX 79702	Overriding Royalty Interest				0.00117745
C. Mark Wheeler	3001 Northtown Place Midland, TX 79705	Overriding Royalty Interest				0.00225000
John Kyle Thoma, Trustee of the Cornerstone Family Trust	P. O. Box 558 Peyton, CO 80831	Overriding Royalty Interest				0.00425000
Paul R. Barwis	2201 Southhampton Lane Midland, TX 79705	Overriding Royalty Interest				0.00550000
Jareed Partners, Ltd.	2407 Bellechase Court Midland, TX 79708	Overriding Royalty Interest				0.00500000
Penwell Employee Royalty Pool	600 North Marienfeld, Ste 1100 Midland, TX 79701	Overriding Royalty Interest				0.00150000
Slayton Investments, LLC	P. O. Box 2035 Roswell, NM 88202	Overriding Royalty Interest				0.00937500
EOG Resources, Inc.	P.O. BOX 2267 MIDLAND, TX 79702 ATTN: MIDLAND DIVISION - LAND DEPT	Overriding Royalty Interest				0.00234375
Yates Brothers, a partnership composed of Harvey E. Yates, Martin Yates, III, S.P. Yates and John A. Yates	101 S. 4th Street, Suite B Artesia, NM 88210	Overriding Royalty Interest				0.00564236
Mountain Lion Oil and Gas, LLC	7941 Katy Freeway #117 Houston, TX 77024	Overriding Royalty Interest				0.00062500
Rockwood Resources, LLC	P. O. Box 2250 Sulphur Springs, TX 75483	Overriding Royalty Interest				0.00197500
Wing Resources VII, LLC	2100 McKinney Avenue, Ste 1540 Dallas, TX 75201	Overriding Royalty Interest				0.00197500
Charles R. Wiggins	P. O. Box 10862 Midland, TX 79702	Overriding Royalty Interest				0.00285000

Lewis A. Woodall Living Trust dated September 15, 2000	503 Coachouse Court Louisville, KY 40223	Overriding Royalty Interest				0.00142500
Richard A. Woodall	P. O. Box 9513 Bakersfield, CA 93389	Overriding Royalty Interest				0.00142500
Windom Royalties LLC	15303 Dallas Parkway, Ste 1350 Addison, TX 75001	Overriding Royalty Interest				0.00285000
			320.00	100.0000%	5.6414%	

Lease Schedule - 133H Unit

Lessor	Lessee	S, T, R	Effective Date	County, State	Unit Tract	Vol / Page
State of NM (L0-4053-0001)	Southland Royalty Company	Sec 13, 19S-27E	1/20/1970	Eddy, NM	1	184 / 244
State of NM (B0-9189-0019)	Olen F. Featherstone	Sec 13, 19S-27E	6/10/1941	Eddy, NM	2	185 / 540
State of NM (L0-4053-0002)	Southland Royalty Company	Sec 14, 19S-27E	1/20/1970	Eddy, NM	3	184 / 244
State of NM (VC-0539-0001)	Tascosa Energy Partners, LLC	Sec 14, 19S-27E	1/1/2019	Eddy, NM	4	n/a
State of NM (X0-0648-0154)	Martin Yates, Jr.	Sec 14, 19S-27E	11/14/1922	Eddy, NM	5	n/a
USA (NMNM 19597)	Pete Panos	Sec 15, 19S-27E	12/1/1973	Eddy, NM	6	n/a

Ownership Breakdown - 134H Unit

NOTE: The parties being force pooled are highlighted in yellow.

Owner Name	Owner Address	Ownership Type	Tract(s)	Unit Net Acres	Unit Working Interest	Unit ORRI
FE Permian Owner I, LLC	777 Main Street, Suite 3600 Fort Worth, TX 76102	Leasehold Interest	4	40.0000	0.12500000	
Occidental Permian, LP	5 EAST GREENWAY PLAZA STE 110 HOUSTON, TX 77046	Leasehold Interest	6	80.0000	0.25000000	
EOG Resources, Inc.	P.O. BOX 2267 MIDLAND, TX 79702 ATTN: MIDLAND DIVISION - LAND DEPT	Leasehold Interest	3, 5	44.4444	0.13888889	
ZPZ Delaware, LLC	2000 POST OAK BLVD HOUSTON, TX 77056	Leasehold Interest	5	40.0000	0.12500000	
Marathon Oil Corporation	990 TOWN AND COUNTRY BLVD HOUSTON, TX 77024 ATTN: LAND DEPT	Leasehold Interest	5	12.7778	0.03993056	
WPX Energy Permian, LLC	333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102	Leasehold Interest	5	12.7778	0.03993056	
I & L Development Co.	3500 OAK LAWN AVE, SUITE 720 DALLAS, TX 75219	Leasehold Interest	3	5.0000	0.01562500	
J. Cleo Thompson & James Cleo Thompson, Jr., LP	325 N ST PAUL ST, STE 4300 DALLAS, TX 75201	Leasehold Interest	3	5.0000	0.01562500	
Permian Resources Operating, LLC (formerly Harvard Petroleum Company, LLC)	300 N MARIENFIELD ST, STE 1000 MIDLAND, TX 79701	Leasehold Interest	1, 2	64.0000	0.20000000	
Devon Energy Production Company	333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102-5015	Leasehold Interest	2	16.0000	0.05000000	
Tap Rock Resources III, LLC	523 PARK POINT DRIVE, SUITE 200 GOLDEN, CO 80401	SLO Lessee of Record	4	n/a	n/a	
Chi Energy, Inc.	PO BOX 1799 MIDLAND, TX 79702-1799	SLO Lessee of Record	1, 2	n/a	n/a	
Ergodic Resources, LLC	P. O. Box 2021 Roswell, NM 88202	Overriding Royalty Interest				0.00100000
Abuelo, LLC	21 Crook Drive Artesia, NM 88210	Overriding Royalty Interest				0.00100000
Mark E. Boling Revocable Trust	8210 Louisiana Blvd, Ste B Albuquerque, NM 87113	Overriding Royalty Interest				0.00100000
Silverhair, LLC	1301 Lewis Rd Artesia, NM 88210	Overriding Royalty Interest				0.00037500
Loco Hills Production Company, LLC	P. O. Box 779 Artesia, NM 88211	Overriding Royalty Interest				0.00037500
Mark Wilson Family Partnership, L.P.	4501 Greentree Blvd Midland, TX 79707	Overriding Royalty Interest				0.00187500
Rio Pecos Corporation	4501 Greentree Blvd Midland, TX 79707	Overriding Royalty Interest				0.00037500
TWR IV, LLC	3724 Hulen Street Fort Worth, TX 76107	Overriding Royalty Interest				0.00037500
Cannon Exploration Co.	36085 County Rd. 1184 Midland, TX 79706	Overriding Royalty Interest				0.00037500
Hollyhock Corp.	4105 Baybrook Drive Midland, TX 79707	Overriding Royalty Interest				0.00037500
Tara-Jon Corp.	P. O. Box 3388 Midland, TX 79702	Overriding Royalty Interest				0.00037500
Lowe Royalty Partners, LP	4400 Post Oak Pkwy #2550 Houston, TX 77027	Overriding Royalty Interest				0.00453497
Chi Energy, Inc.	P. O. Box 1799 Midland, TX 79702	Overriding Royalty Interest				0.00235491
C. Mark Wheeler	3001 Northtown Place Midland, TX 79705	Overriding Royalty Interest				0.00100000
John Kyle Thoma, Trustee of the Cornerstone Family Trust	P. O. Box 558 Peyton, CO 80831	Overriding Royalty Interest				0.00125000
Paul R. Barwis	2201 Southhampton Lane Midland, TX 79705	Overriding Royalty Interest				0.00300000
Jareed Partners, Ltd.	2407 Bellechase Court Midland, TX 79708	Overriding Royalty Interest				0.00250000
Penwell Employee Royalty Pool	600 North Marienfeld, Ste 1100 Midland, TX 79701	Overriding Royalty Interest				0.00075000
EOG Resources, Inc.	P.O. BOX 2267 MIDLAND, TX 79702 ATTN: MIDLAND DIVISION - LAND DEPT	Overriding Royalty Interest				0.00234375
Yates Brothers, a partnership composed of Harvey E. Yates, Martin Yates, III, S.P. Yates and John A. Yates	101 S. 4th Street, Suite B Artesia, NM 88210	Overriding Royalty Interest				0.00564236

Mountain Lion Oil and Gas,LLC	7941 Katy Freeway #117 Houston, TX 77024	Overriding Royalty Interest				0.00062500
Rockwood Resources, LLC	P. O. Box 2250 Sulphur Springs, TX 75483	Overriding Royalty Interest				0.00197500
Wing Resources VII, LLC	2100 McKinney Avenue, Ste 1540 Dallas, TX 75201	Overriding Royalty Interest				0.00197500
Charles R. Wiggins	P. O. Box 10862 Midland, TX 79702	Overriding Royalty Interest				0.00285000
Lewis A. Woodall Living Trust dated September 15, 2000	503 Coachouse Court Louisville, KY 40223	Overriding Royalty Interest				0.00142500
Richard A. Woodall	P. O. Box 9513 Bakersfield, CA 93389	Overriding Royalty Interest				0.00142500
Windom Royalties LLC	15303 Dallas Parkway, Ste 1350 Addison, TX 75001	Overriding Royalty Interest				0.00285000
			320.00	100.0000%	4.4001%	

Lease Schedule - 134H Unit

Lessor	Lessee	S, T, R	Effective Date	County, State	Unit Tract	Vol / Page
State of NM (LG-2676-0001)	Southland Royalty Company	Sec 13, 19S-27E	3/1/1975	Eddy, NM	1	185 / 1
State of NM (L0-4053-0001)	Southland Royalty Company	Sec 13, 19S-27E	1/20/1970	Eddy, NM	2	184 / 244
State of NM (L0-4053-0002)	Southland Royalty Company	Sec 14, 19S-27E	1/20/1970	Eddy, NM	3	184 / 244
State of NM (VC-0539-0001)	Tascosa Energy Partners, LLC	Sec 14, 19S-27E	1/1/2019	Eddy, NM	4	n/a
State of NM (X0-0648-0154)	Martin Yates, Jr.	Sec 14, 19S-27E	11/14/1922	Eddy, NM	5	n/a
USA (NMNM 19597)	Pete Panos	Sec 15, 19S-27E	12/1/1973	Eddy, NM	6	n/a

Chronology of Contacts - 131H Unit

Owner Name	Owner Address	Ownership Type	Tract(s)	Contact Summary
OXY USA WTP, LP	5 EAST GREENWAY PLAZA STE 110 HOUSTON, TX 77046	Leasehold Interest	4	7/9/2024 - Flat Creek mailed Cardigan well proposals (132H - 134H) to Oxy 7/31/2024 - Flat Creek responded to a list of Oxy's questions 8/1/2024 - Flat Creek mailed and emailed Cardigan 131H well proposal to Oxy 8/5/2024 - Flat Creek emailed Oxy its estimated WI/NRI in the Cardigan wells 8/20/2024 - Flat Creek emailed Oxy its revised estimated WI/NRI in the Cardigan wells; discussed possibility of Oxy divesting its interest
EOG Resources, Inc.	P.O. BOX 2267 MIDLAND, TX 79702 ATTN: MIDLAND DIVISION - LAND DEPT	Leasehold Interest	1, 4	7/9/2024 - Flat Creek mailed Cardigan well proposals (132H - 134H) to EOG 7/31/2024 - Correspondence between Flat Creek and EOG regarding EOG's interest in the Cardigan wells 8/1/2024 - Flat Creek mailed Cardigan 131H well proposal to EOG 8/15/2024 - Flat Creek emailed EOG an update on development timing and discussed possibility of EOG divesting its interest
Permian Resources Operating, LLC	300 N MARIENFIELD ST, STE 1000 MIDLAND, TX 79701	Leasehold Interest	2	7/23/2024 - Permian Resources ("PR") reached out to Flat Creek regarding Flat Creek's development plans; Flat Creek responded to PR 7/31/2024 - Email and phone correspondence between Flat Creek and PR regarding development plans 8/1/2024 - Flat Creek mailed Cardigan 131H well proposal to PR 8/20/2024 - Flat Creek notified PR that Flat Creek will submit divestment offer to PR shortly 8/26/2024 - PR submitted offer to Flat Creek in case Flat Creek wanted to divest its interest 8/27/2024 - Email correspondence between Flat Creek and PR regarding development plans 8/28/2024 - Flat Creek asked PR what type of divestment offer PR prefers; PR responded on preferred divestment structure 8/29/2024 - Flat Creek delivered offer to acquire PR's interest 8/30/2024 - Email correspondence regarding Flat Creek's offer to PR
Mark Wilson Family Partnership, LP	4501 GREENTREE BLVD MIDLAND, TX 79707	Leasehold Interest	4	8/1/2024 - Flat Creek mailed Cardigan 131H well proposal to Mark Wilson Family Partnership, LP

EXHIBIT A-5

Chronology of Contacts - 132H Unit

Owner Name	Owner Address	Ownership Type	Tract(s)	Contact Summary
OXY USA WTP, LP Occidental Permian, LP	5 EAST GREENWAY PLAZA STE 110 HOUSTON, TX 77046	Leasehold Interest	3, 4	7/9/2024 - Flat Creek mailed Cardigan well proposals to Oxy 7/31/2024 - Flat Creek responded to a list of Oxy's questions 8/5/2024 - Flat Creek emailed Oxy its estimated WI/NRI in the Cardigan wells 8/20/2024 - Flat Creek emailed Oxy its revised estimated WI/NRI in the Cardigan wells; discussed possibility of Oxy divesting its interest
BP America Production Company	501 WESTLAKE PARK BOULEVARD HOUSTON, TX 77079	Leasehold Interest	4	7/9/2024 - Flat Creek mailed Cardigan well proposals to BP
EOG Resources, Inc.	P.O. BOX 2267 MIDLAND, TX 79702 ATTN: MIDLAND DIVISION - LAND DEPT	Leasehold Interest	1, 4	7/9/2024 - Flat Creek mailed Cardigan well proposals to EOG 7/31/2024 - Correspondence between Flat Creek and EOG regarding EOG's interest in the Cardigan wells 8/15/2024 - Flat Creek emailed EOG an update on development timing and discussed possibility of EOG divesting its interest

Chronology of Contacts - 133H Unit

Owner Name	Owner Address	Ownership Type	Tract(s)	Contact Summary
Occidental Permian, LP	5 EAST GREENWAY PLAZA STE 110 HOUSTON, TX 77046	Leasehold Interest	6	7/9/2024 - Flat Creek mailed Cardigan well proposals to Oxy 7/31/2024 - Flat Creek responded to a list of Oxy's questions 8/5/2024 - Flat Creek emailed Oxy its estimated WI/NRI in the Cardigan wells 8/20/2024 - Flat Creek emailed Oxy its revised estimated WI/NRI in the Cardigan wells; discussed possibility of Oxy divesting its interest
EOG Resources, Inc.	P.O. BOX 2267 MIDLAND, TX 79702 ATTN: MIDLAND DIVISION - LAND DEPT	Leasehold Interest	3, 5	7/9/2024 - Flat Creek mailed Cardigan well proposals to EOG 7/31/2024 - Correspondence between Flat Creek and EOG regarding EOG's interest in the Cardigan wells 8/15/2024 - Flat Creek emailed EOG an update on development timing and discussed possibility of EOG divesting its interest
ZPZ Delaware, LLC	2000 POST OAK BLVD HOUSTON, TX 77056	Leasehold Interest	5	7/9/2024 - Flat Creek mailed Cardigan well proposals to ZPZ 8/15/2024 - Email and phone correspondence between Flat Creek and ZPZ regarding development plans and ownership
Marathon Oil Corporation	990 TOWN AND COUNTRY BLVD HOUSTON, TX 77024 ATTN: LAND DEPT	Leasehold Interest	5	7/9/2024 - Flat Creek mailed Cardigan well proposals to Marathon
WPX Energy Permian, LLC	333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102	Leasehold Interest	5	7/9/2024 - Flat Creek mailed Cardigan well proposals to WPX
I & L Development Co.	3500 OAK LAWN AVE, SUITE 720 DALLAS, TX 75219	Leasehold Interest	3	7/9/2024 - Flat Creek mailed Cardigan well proposals to I & L
J. Cleo Thompson & James Cleo Thompson, Jr., LP	325 N ST PAUL ST, STE 4300 DALLAS, TX 75201	Leasehold Interest	3	7/9/2024 - Flat Creek mailed Cardigan well proposals to J Cleo 7/9/2024 - Flat Creek discussed development plans with J Cleo 8/13/2024 - Flat Creek discussed development plans with J Cleo
Harvard Petroleum Company, LLC Permian Resources Operating, LLC	PO BOX 936 ROSWELL, NM 88202	Leasehold Interest	1, 2	7/9/2024 - Flat Creek mailed Cardigan well proposals to Harvard 7/18/2024 - Flat Creek responded to development questions from Harvard 8/23/2024 - Flat Creek reached out to Harvard to see if Harvard had any additional questions regarding our development 8/26/2024 - PR notified Flat Creek that it acquired Harvard's interest; PR submitted offer to Flat Creek in case Flat Creek wanted to divest its interest 8/27/2024 - Email correspondence between Flat Creek and PR regarding development plans 8/28/2024 - Flat Creek asked PR what type of divestment offer PR prefers; PR responded on preferred divestment structure 8/29/2024 - Flat Creek delivered offer to acquire PR's interest 8/30/2024 - Email correspondence regarding Flat Creek's offer to PR 9/5/2024 - Email correspondence regarding Flat Creek's offer to PR
Devon Energy Production Company	333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102- 5015	Leasehold Interest	1, 2	8/1/2024 - Flat Creek mailed well proposals to Devon

Chronology of Contacts - 134H Unit

Owner Name	Owner Address	Ownership Type	Tract(s)	Contact Summary
Occidental Permian, LP	5 EAST GREENWAY PLAZA STE 110 HOUSTON, TX 77046	Leasehold Interest	6	7/9/2024 - Flat Creek mailed Cardigan well proposals to Oxy 7/31/2024 - Flat Creek responded to a list of Oxy's questions 8/5/2024 - Flat Creek emailed Oxy its estimated WI/NRI in the Cardigan wells 8/20/2024 - Flat Creek emailed Oxy its revised estimated WI/NRI in the Cardigan wells; discussed possibility of Oxy divesting its interest
EOG Resources, Inc.	P.O. BOX 2267 MIDLAND, TX 79702 ATTN: MIDLAND DIVISION - LAND DEPT	Leasehold Interest	3, 5	7/9/2024 - Flat Creek mailed Cardigan well proposals to EOG 7/31/2024 - Correspondence between Flat Creek and EOG regarding EOG's interest in the Cardigan wells 8/15/2024 - Flat Creek emailed EOG an update on development timing and discussed possibility of EOG divesting its interest
ZPZ Delaware, LLC	2000 POST OAK BLVD HOUSTON, TX 77056	Leasehold Interest	5	7/9/2024 - Flat Creek mailed Cardigan well proposals to ZPZ 8/15/2024 - Email and phone correspondence between Flat Creek and ZPZ regarding development plans and ownership
Marathon Oil Corporation	990 TOWN AND COUNTRY BLVD HOUSTON, TX 77024 ATTN: LAND DEPT	Leasehold Interest	5	7/9/2024 - Flat Creek mailed Cardigan well proposals to Marathon
WPX Energy Permian, LLC	333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102	Leasehold Interest	5	7/9/2024 - Flat Creek mailed Cardigan well proposals to WPX
I & L Development Co.	3500 OAK LAWN AVE, SUITE 720 DALLAS, TX 75219	Leasehold Interest	3	7/9/2024 - Flat Creek mailed Cardigan well proposals to I & L
J. Cleo Thompson & James Cleo Thompson, Jr., LP	325 N ST PAUL ST, STE 4300 DALLAS, TX 75201	Leasehold Interest	3	7/9/2024 - Flat Creek mailed Cardigan well proposals to J Cleo 7/9/2024 - Flat Creek discussed development plans with J Cleo 8/13/2024 - Flat Creek discussed development plans with J Cleo
Harvard Petroleum Company, LLC Permian Resources Operating, LLC	PO BOX 936 ROSWELL, NM 88202	Leasehold Interest	1, 2	7/9/2024 - Flat Creek mailed Cardigan well proposals to Harvard 7/18/2024 - Flat Creek responded to development questions from Harvard 8/23/2024 - Flat Creek reached out to Harvard to see if Harvard had any additional questions regarding our development 8/26/2024 - PR notified Flat Creek that it acquired Harvard's interest; PR submitted offer to Flat Creek in case Flat Creek wanted to divest its interest 8/27/2024 - Email correspondence between Flat Creek and PR regarding development plans 8/28/2024 - Flat Creek asked PR what type of divestment offer PR prefers; PR responded on preferred divestment structure 8/29/2024 - Flat Creek delivered offer to acquire PR's interest 8/30/2024 - Email correspondence regarding Flat Creek's offer to PR 9/5/2024 - Email correspondence regarding Flat Creek's offer to PR
Devon Energy Production Company	333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102- 5015	Leasehold Interest	1, 2	8/1/2024 - Flat Creek mailed well proposals to Devon

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-	Pool Code	Pool Name
Property Code	Property Name CARDIGAN STATE COM	Well Number 131H
OGRID No. ----	Operator Name FLAT CREEK RESOURCES, LLC.	Ground Level Elevation 3476'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL or lot no. C	Section 13	Township 19-S	Range 27-E	Lot Idn -	Feet from the N/S 1125' N	Feet from the E/W 1729' W	Latitude N 32.6644604	Longitude W 104.2353779	County EDDY
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Bottom Hole Location

UL or lot no. D	Section 14	Township 19-S	Range 27-E	Lot Idn -	Feet from the N/S 330' N	Feet from the E/W 110' W	Latitude N 32.6671733	Longitude W 104.2578860	County EDDY
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Dedicated Acres 240	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidated Code
Order Numbers			Well Setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL or lot no. C	Section 13	Township 19-S	Range 27-E	Lot Idn -	Feet from the N/S 370' N	Feet from the E/W 2632' W	Latitude N 32.6664961	Longitude W 104.2324845	County EDDY
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First Take Point (FTP)

UL or lot no. C	Section 13	Township 19-S	Range 27-E	Lot Idn -	Feet from the N/S 370' N	Feet from the E/W 2582' W	Latitude N 32.6665005	Longitude W 104.2326470	County EDDY
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Last Take Point (LTP)

UL or lot no. D	Section 14	Township 19-S	Range 27-E	Lot Idn -	Feet from the N/S 330' N	Feet from the E/W 110' W	Latitude N 32.6671733	Longitude W 104.2578860	County EDDY
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Unitized Area or Area of Uniform Intrest	Spacing Unity Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation ----
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OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief; and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received The consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i> Rodney Littleton 09/10/24 Signature Date Rodney Littleton Print Name rlittleton@freedomenergy.com E-mail Address		SURVEYORS CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>  9/10/2024 12:26:15 PM Signature and Seal of Professional Surveyor Date Certificate Number Date of Survey 09/09/2024	
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C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 9, 2024	
	Submittal Type:	☐ Initial Submittal		
		☐ Amended Report		
		☐ As Drilled		
Property Name and Well Number CARDIGAN STATE COM 131H				

SURFACE LOCATION (SHL)

NEW MEXICO EAST
 NAD 1983
 X=571481 Y=605476
 LAT.: N 32.6644604
 LONG.: W 104.2353779
NAD 1927
X=530302 Y=605414
LAT.: N 32.6643443
LONG.: W 104.2348675
 1125' FNL 1729' FWL

KICK OFF POINT (KOP)

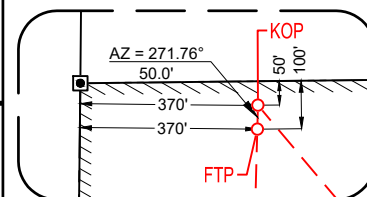
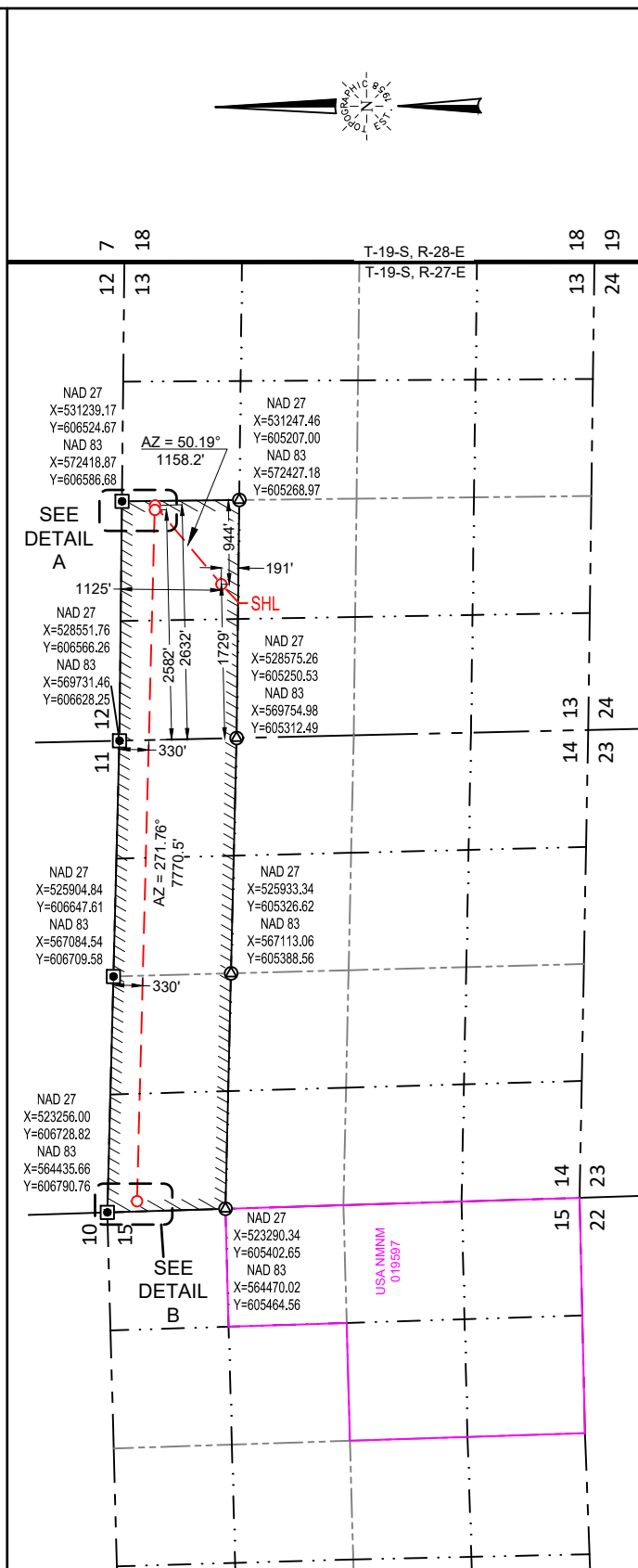
NEW MEXICO EAST
 NAD 1983
 X=572371 Y=606217
 LAT.: N 32.6664961
 LONG.: W 104.2324845
NAD 1927
X=531191 Y=606155
LAT.: N 32.6663800
LONG.: W 104.2319740
 370' FNL 2632' FWL

FIRST TAKE POINT (FTP)

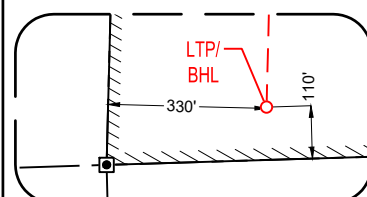
NEW MEXICO EAST
 NAD 1983
 X=572321 Y=606219
 LAT.: N 32.6665005
 LONG.: W 104.2326470
NAD 1927
X=531141 Y=606157
LAT.: N 32.6663844
LONG.: W 104.2321365
 370' FNL 2582' FWL

**LAST TAKE POINT (LTP) /
BOTTOM HOLE LOCATION (BHL)**

NEW MEXICO EAST
 NAD 1983
 X=564554 Y=606457
 LAT.: N 32.6671733
 LONG.: W 104.2578860
NAD 1927
X=523375 Y=606395
LAT.: N 32.6670575
LONG.: W 104.2573748
 330' FNL 110' FWL



DETAIL VIEW A
 SCALE: 1" = 400'



DETAIL VIEW B
 SCALE: 1" = 400'

SURVEYORS CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
 09/09/2024

Date of Survey
 Signature and Seal of Professional Surveyor:



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
District IV
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 PLAT

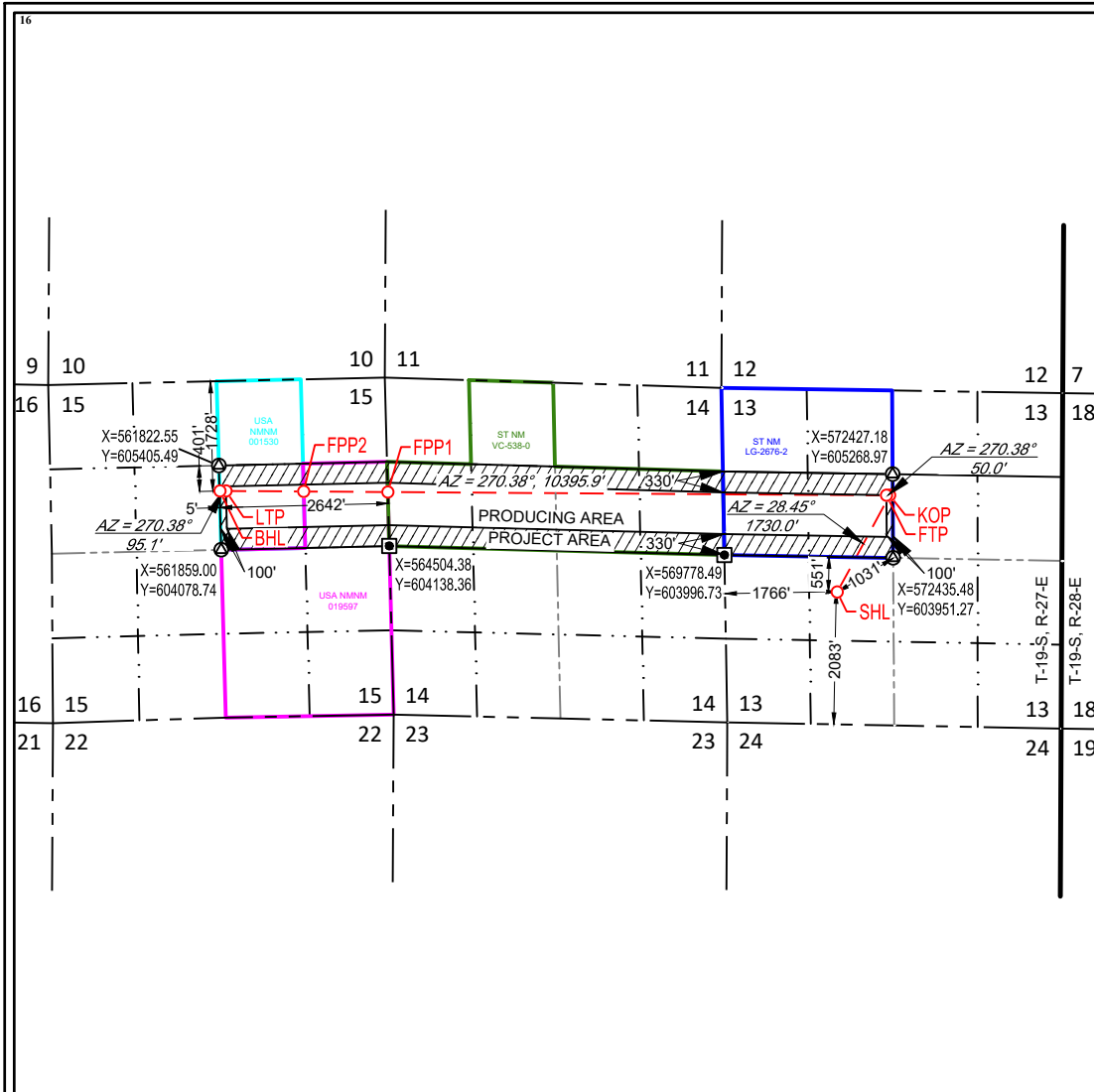
¹ API Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name CARDIGAN FED COM			⁶ Well Number 132H
⁷ OGRID No.		⁸ Operator Name FLAT CREEK RESOURCES, LLC.			⁹ Elevation 3479'

¹⁰ Surface Location									
UL or lot no. K	Section 13	Township 19-S	Range 27-E	Lot Idn -	Feet from the 2083'	North/South line SOUTH	Feet from the 1766'	East/West line WEST	County EDDY

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. G	Section 15	Township 19-S	Range 27-E	Lot Idn -	Feet from the 1728'	North/South line NORTH	Feet from the 2642'	East/West line EAST	County EDDY

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

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.



¹⁷ OPERATOR CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.	
<u>Rodney Littleton</u> Signature	June 19, 2024 Date
Rodney Littleton Printed Name	
rodney.littleton@flatcreekresources.com E-mail Address	
¹⁸ SURVEYOR CERTIFICATION	
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.	
02/01/2024	
Date of Survey Signature and Seal of Professional Surveyor	
6/10/2024 7:20:24 AM Certificate Number	

NEW MEXICO EAST NAD 1983			
SURFACE LOCATION (SHL)	KICK OFF POINT (KOP)	FIRST TAKE POINT (FTP)	FED PERF. POINT (FPP1)
2083' FSL - SEC. 13 1766' FWL - SEC. 13 X=571555 Y=603415 LAT.: N 32.6587957 LONG.: W 104.2351445	1651' FNL - SEC. 13 2617' FWL - SEC. 13 X=572379 Y=604936 LAT.: N 32.6629747 LONG.: W 104.2324622	1652' FNL - SEC. 13 2567' FWL - SEC. 13 X=572329 Y=604936 LAT.: N 32.6629757 LONG.: W 104.2326247	1801' FNL - SEC. 14 ±0' FWL - SEC. 14 X=564482 Y=604988 LAT.: N 32.6631353 LONG.: W 104.2581233
FED PERF. POINT (FPP2)	LAST TAKE POINT (LTP)	BOTTOM HOLE LOCATION (BHL)	
1766' FNL - SEC. 15 1324' FEL - SEC. 15 X=563158 Y=604997 LAT.: N 32.6631617 LONG.: W 104.2624269	1730' FNL - SEC. 15 2547' FEL - SEC. 15 X=561934 Y=605005 LAT.: N 32.6631860 LONG.: W 104.2664055	1728' FNL - SEC. 15 2642' FEL - SEC. 15 X=561839 Y=605005 LAT.: N 32.6631879 LONG.: W 104.2667144	



☐ **AMENDED REPORT**

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
District IV
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 PLAT

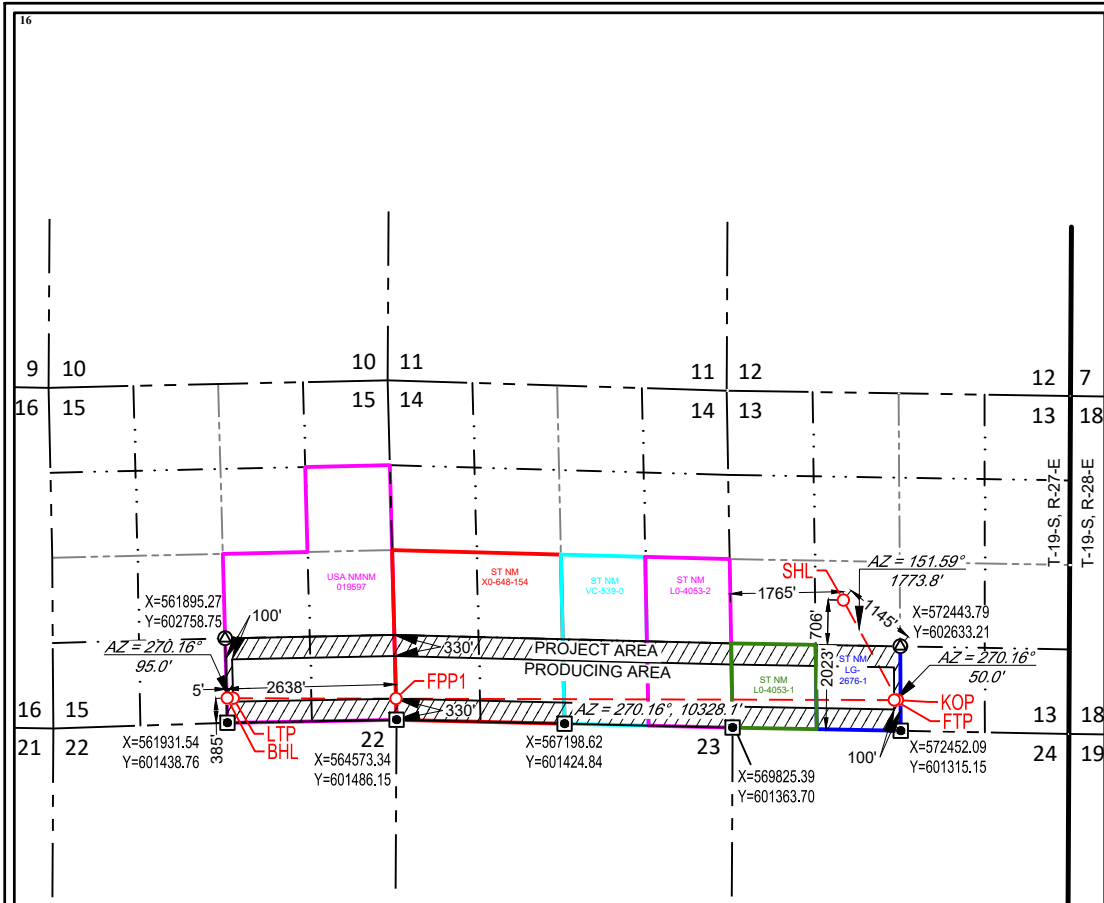
¹ API Number	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name CARDIGAN FED COM	⁶ Well Number 134H
⁷ OGRID No.	⁸ Operator Name FLAT CREEK RESOURCES, LLC.	⁹ Elevation 3480'

¹⁰ Surface Location									
UL or lot no. K	Section 13	Township 19-S	Range 27-E	Lot Idn -	Feet from the 2023'	North/South line SOUTH	Feet from the 1765'	East/West line WEST	County EDDY

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. 0	Section 15	Township 19-S	Range 27-E	Lot Idn -	Feet from the 385'	North/South line SOUTH	Feet from the 2638'	East/West line EAST	County EDDY

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

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.



17

OPERATOR
CERTIFICATION

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

Rodney Littleton

June 19, 2024

SignatureDate

Rodney Littleton

Printed Name

rodney.littleton@flatcreekresources.com

E-mail Address

18

SURVEYOR
CERTIFICATION

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

02/01/2024

Date of Survey

Signature and Seal of Professional Surveyor

Certificate Number

6/10/2024 7:21:38 AM

6/10/2024 7:21:38 AM

RAMON DOMINGUEZ

NEW MEXICO

24508

PROFESSIONAL SURVEYOR

N

North Arrow

Released to Imaging: 9/13/2024 10:31:14 AM

S:\SURVEY\FLAT_CREEK_RESOURCES_LLC\CARDIGAN_FED_COM_UNIT\FINAL_PRODUCTS\LOLO_CARDIGAN_FED_COM_134H.DWG 6/10/2024 7:21:37 AM kmatheny



July 31, 2024

SENT VIA CERTIFIED MAIL

Working Interest Owner

RE: Well Proposal
Cardigan State Com 131H (the "Well")
Section 13 and 14, 19S-27E
Eddy County, New Mexico

Dear Working Interest Owner,

FE Permian Operating I, LLC ("Freedom"), as Operator and on behalf of FE Permian Owner I, LLC, as working interest owner, proposes to horizontally drill and complete the Well, as further described below, to test the Bone Spring formation.

- Surface Hole Location: 530' FNL and 1,420' FWL of Section 13, 19S-27E
- First Take Point: 330' FNL and 2,590' FWL of Section 13, 19S-27E
- Bottom Hole Location: 455' FNL and 100' FWL of Section 14, 19S-27E
- Depth: 15,904' Measured Depth and 7,811' True Vertical Depth
- Spacing Unit: N2NW of Section 13 and N2N2 of Section 14, 19S-27E

The estimated cost of drilling, completing and equipping the Well is \$8,706,216.72, as itemized on the enclosed Authorization for Expenditure ("AFE"). The proposed location and drilling plans described above are subject to change if permitting, surface or subsurface issues are encountered which necessitate a change.

In the event you elect to participate in the proposed well, please execute the enclosed AFE and return to Freedom within thirty (30) days. Freedom proposes the drilling of the Well under the terms of a modified 1989 AAPL form of Operating Agreement, with Horizontal Modifications, ("JOA"), which will be provided upon request. The JOA will have the following general provisions:

- FE Permian Operating I, LLC named as Operator
- Contract Area covering the N2NW of Section 13 and N2N2 of Section 14, 19S-27E
- 100%/300% Non-Consenting Penalty
- \$8,000/\$800 Drilling and Production Rates

Freedom is also willing to discuss possible trades or other deal structures related to your interest in the Well and proration unit. If an agreement cannot be reached within thirty (30) days from the date of this letter, Freedom reserves the right to apply to the New Mexico Oil Conservation District for compulsory pooling of your interest into a spacing unit for the Well.

Cardigan State Com 131H
July 31, 2024
Page 2 of 2

If you have any questions concerning this proposal, you may contact me at (817) 310-8572 or mgregory@freedomenergy.com.

Sincerely,

FE Permian Operating I, LLC



Mike Gregory, CPL
Vice President - Land

Please select one of the following and return:

_____ I/We hereby elect **TO PARTICIPATE** for our proportionate share of the costs detailed in the enclosed AFE associated with the Well.

_____ I/We hereby elect **NOT TO PARTICIPATE** for our proportionate share of the costs detailed in the enclosed AFE associated with the Well.

_____ I/We are interested in selling, trading, leasing or farming out our interest. Please contact to discuss further.

COMPANY/OWNER NAME:

By: _____

Name: _____

Title: _____

Date: _____

FREEDOM ENERGY		AFE#:	BS24131
AUTHORIZATION FOR EXPENDITURE			
DRILL & COMPLETE HORIZONTAL WOLFCAMP			
Date: 07/29/2024		County/State: Eddy, NM	
Lease: Cardigan			
Surface Location: T19S R27E Sec 13			
Proposed Depth: 16,000' MD			
Objective: Drill Horizontal Well, Complete ~1-1/2-Mile Lateral, Tie-in to Production Facility			
Account Code	Account Name	AFE Amount	
Intangible Driling Costs (310)			
310 / 1	LAND SERVICE & EXP	\$	2,000.00
310 / 4	PERMITS - SURVEY - REGULATORY	\$	2,000.00
310 / 5	LOCATION - DAMAGES - CLEAN UP	\$	350,000.00
310 / 6	RIG - MOB/DEMOB	\$	160,000.00
310 / 7	RIG - DAYWORK	\$	476,000.00
310 / 8	RIG - FOOTAGE	\$	-
310 / 9	RIG - TURNKEY	\$	-
310 / 10	COILED TBG/SNUBBING/NITROGEN	\$	-
310 / 11	FUEL - POWER - WATER	\$	90,750.00
310 / 12	COMMUNICATIONS	\$	2,250.00
310 / 13	TRANSPORTATION	\$	25,000.00
310 / 14	CONSULTING SERVICE/SUPERVISION	\$	90,000.00
310 / 15	CONTRACT LABOR & SERVICES	\$	40,000.00
310 / 16	RENTALS - DOWNHOLE	\$	37,500.00
310 / 17	RENTALS - SURFACE	\$	112,500.00
310 / 18	BITS	\$	75,000.00
310 / 19	CASING CREW & EQUIPMENT	\$	50,000.00
310 / 20	CEMENT & SERVICES	\$	150,000.00
310 / 21	DIRECTIONAL TOOLS & SERVICES	\$	130,000.00
310 / 22	FISHING TOOLS & SERVICE	\$	-
310 / 23	MUD - CHEMICALS - FLUIDS	\$	120,000.00
310 / 24	MUD LOGGING	\$	15,600.00
310 / 25	OPENHOLE LOGGING - FT - SWC	\$	-
310 / 26	ELEC/WIRELINE & PERF SERVICE	\$	-
310 / 27	DRILL STEM TESTING - CORING	\$	-
310 / 28	TUBULAR TESTING & INSPECTION	\$	10,000.00
310 / 29	CUTTINGS & FLUID DISPOSAL	\$	150,000.00
		Subtotal	\$ 2,088,600.00
310 / 30	MISC & CONTINGENCY	\$	208,860.00
310 / 60	P&A COSTS	\$	-
310 / 70	NON-OP DRILLING - INTANG	\$	-
		Total Intangibles For Operations Involving Drilling Rig	\$ 2,297,460.00
Tangible Drilling Costs (311)			
311 / 1	DRIVE PIPE - CONDUCTOR	\$	45,000.00
311 / 2	CASING - SURFACE	\$	13,796.25
311 / 3	CASING - INTERMEDIATE	\$	114,180.00
311 / 4	CASING - PRODUCTION	\$	304,000.00
311 / 5	CASING - LINER/TIEBACK		
311 / 6	HANGER - CSG ACCESSORY	\$	10,000.00
311 / 7	WELLHEAD EQPT	\$	90,000.00
		Subtotal	\$ 576,976.25
311 / 8	MISC & CONTINGENCY	\$	57,697.63
311 / 70	NON-OP DRILLING - TANG		
		Total Tangibles For Operations Involving Drilling Rig	\$ 634,673.88
Total Drilling Cost		\$	2,932,133.88

Intangible Completion Costs (320)			
320 / 1	LAND SERVICE & EXP	\$	15,000
320 / 2	LEGAL FEES & EXP	\$	-
320 / 3	INSURANCE	\$	-
320 / 4	PERMITS - SURVEY - REGULATORY	\$	-
320 / 5	LOCATION - DAMAGES - CLEAN UP	\$	15,000
320 / 6	RIG - DAYWORK	\$	-
320 / 7	RIG - COMPLETION/WORKOVER	\$	-
320 / 8	COILED TBG/SNUBBING/NITROGEN	\$	139,500
320 / 9	FUEL - POWER - WATER	\$	376,951
320 / 10	COMMUNICATIONS	\$	5,000
320 / 11	TRANSPORTATION	\$	25,000
320 / 12	CONSULTING SERVICE/SUPERVISION	\$	55,000
320 / 13	CONTRACT LABOR & SERVICES	\$	7,500
320 / 14	RENTALS - DOWNHOLE	\$	25,000
320 / 15	RENTALS - SURFACE	\$	114,375
320 / 16	BITS	\$	5,000
320 / 17	CASING CREW & EQUIPMENT	\$	-
320 / 18	CEMENT & SERVICES	\$	-
320 / 19	FISHING TOOLS & SERVICE	\$	-
320 / 20	MUD - CHEMICALS - FLUIDS	\$	221,529
320 / 21	ELEC/WIRELINE & PERF SERVICE	\$	315,500
320 / 22	TUBULAR TESTING & INSPECTION	\$	-
320 / 23	GRAVEL PACKING	\$	-
320 / 24	FRAC & STIMULATION	\$	2,143,571
320 / 25	SWABBING & WELL TESTING	\$	113,970
320 / 26	CUTTINGS & FLUID DISPOSAL	\$	124,328
320 / 28	FRAC WATER	\$	429,495
320 / 29	FRAC POND	\$	-
320 / 30	WATER TRANSFER	\$	107,750
320 / 60	P&A COSTS	\$	-
	Subtotal	\$	4,239,468
320 / 70	NON-OP COMP - INTANG	\$	-
320 / 27	MISC & CONTINGENCY	\$	317,960
	Total Intangibles For Completions Operations	\$	4,557,428
Tangible Completion Costs (321)			
321 / 1	CASING - LINER/TIEBACK	\$	-
321 / 2	HANGER - CSG ACCESSORY	\$	-
321 / 3	PRODUCTION TUBING	\$	65,000.00
321 / 4	TUBINGHEAD & TREE	\$	35,000.00
321 / 5	PACKERS - SUBSURFACE EQUIP	\$	-
321 / 6	RODS - PUMPS - ANCHORS ETC	\$	20,000.00
321 / 7	ART LIFT - SURFACE EQUIP	\$	-
321 / 8	PUMPING UNITS - SURFACE EQUIP	\$	-
321 / 9	VALVES - FITTING - MISC EQUIP	\$	10,000.00
321 / 10	SEPARATOR/HEAT TREATER/DEHY	\$	-
321 / 11	GUN BBL/TANKS & RELATED EQUIP	\$	-
321 / 12	COMPRESSOR & RELATED EQUIP	\$	-
321 / 13	METERS - LACT UNIT	\$	-
321 / 14	SWD PUMPS & EQUIPMENT	\$	-
321 / 15	PIPELINES - TIE-INS	\$	-
321 / 16	PROD FACILITY - FAB & INSTALL	\$	-
	Subtotal	\$	130,000.00
321 / 17	MISC & CONTINGENCY	\$	13,000.00
321 / 60	P&A COSTS	\$	-
321 / 70	NON-OP COMP - TANG	\$	-
	Total Tangibles For Completions Operations	\$	143,000.00
Total Completion Costs		\$	4,700,427.84

Intangible Facility Costs (330)		INTANGIBLE FACILITY COSTS	
330 / 1	LAND SERVICE & EXP	\$	4,800.00
330 / 2	LEGAL FEES & EXP	\$	-
330 / 3	CONSULTING SERVICE/SUPERVISION	\$	6,250.00
330 / 4	CONTRACT LABOR & SERVICES	\$	43,750.00
		Subtotal	\$ 54,800.00
330 / 5	MISC & CONTINGENCY	\$	5,480.00
330 / 70	NON-OP FAC - INTANG	\$	-
		\$	-
		Total Intangibles for Facility Construction	\$ 60,280.00
Tangible Facility Costs (331)		TANGIBLE FACILITY COSTS	
331 / 1	ART LIFT - SURFACE EQUIP	\$	-
331 / 2	PUMPING UNITS - SURFACE EQUIP	\$	-
331 / 3	VALVES - FITTING - MISC EQUIP	\$	155,000.00
331 / 4	SEPARATOR/HEAT TREATER/DEHY	\$	100,000.00
331 / 5	GUN BBL/TANKS & RELATED EQUIP	\$	62,500.00
331 / 6	COMPRESSOR & RELATED EQUIP	\$	150,000.00
331 / 7	METERS - LACT UNIT	\$	43,750.00
331 / 8	SWD PUMPS & EQUIPMENT	\$	21,250.00
331 / 9	PIPELINES - TIE-INS	\$	295,000.00
331 / 10	PROD FACILITY - FAB & INSTALL	\$	93,750.00
		Subtotal	\$ 921,250.00
331 / 11	MISC & CONTINGENCY	\$	92,125.00
331 / 70	NON-OP FAC- TANG	\$	-
		\$	-
		Total Tangible for Facility Construction	\$ 1,013,375.00
Total Facility Costs		\$	1,073,655.00
Total Estimated Well Cost		\$	8,706,216.72
Freedom Energy			
Approved By:		Title:	Date:
Authorization Requested From: John Wierzowiecki		VP Completions & Production	8/1/2024
PLEASE INDICATE YOUR APPROVAL AND AUTHORIZATION FOR YOUR PROPORTIONATE PARTE OF THE ESTIMATED EXPENDITURE AS DETAILED ABOVE BY SIGNING BELOW AND RETURNING ONE SIGNED COPY TO FREEDOM ENERGY			
OWNERSHIP:		COST TO COMPLETE:	
DATE:		PARTICIPANTS ESTIMATED COST:	
APPROVED BY:		TITLE:	



July 1, 2024

SENT VIA CERTIFIED MAIL

Working Interest Owner

RE: Corrected Well Proposal
Cardigan Fed Com 132H (the "Well")
Section 13, 14 and 15, 19S-27E
Eddy County, New Mexico

Dear Working Interest Owner,

The original Well Proposal that we sent for the Well, dated July 1, 2024, had an error in the Spacing Unit and JOA Contract Area descriptions. Those have been corrected in this Corrected Well Proposal, and the original Well Proposal remains valid, except as corrected herein.

FE Permian Owner I, LLC acquired the interest of Tap Rock Resources III, LLC ("Tap Rock") effective May 1, 2024. This Well Proposal shall supersede Tap Rock's Well Proposal dated November 29, 2023, for the Well.

FE Permian Operating I, LLC ("Freedom"), as Operator and on behalf of FE Permian Owner I, LLC, as working interest owner, proposes to horizontally drill and complete the Well, as further described below, to test the Bone Spring formation.

- Surface Hole Location: 2,083' FSL and 1,766' FWL of Section 13, 19S-27E
- First Take Point: 1,652' FNL and 2,567' FWL of Section 13, 19S-27E
- Bottom Hole Location: 1,730' FNL and 2,547' FEL of Section 15, 19S-27E
- Depth: 19,215' Measured Depth and 7,718' True Vertical Depth
- Spacing Unit: S2NW of Section 13, S2N2 of Section 14, and S2NE of Section 15, 19S-27E

The estimated cost of drilling, completing and equipping the Well is \$9,209,612.61, as itemized on the enclosed Authorization for Expenditure ("AFE"). The proposed location and drilling plans described above are subject to change if permitting, surface or subsurface issues are encountered which necessitate a change.

In the event you elect to participate in the proposed well, please execute the enclosed AFE and return to Freedom within thirty (30) days. Freedom proposes the drilling of the Well under the terms of a modified 1989 AAPL form of Operating Agreement, with Horizontal Modifications, ("JOA"), which will be provided upon request. The JOA will have the following general provisions:

- FE Permian Operating I, LLC named as Operator

Cardigan Fed Com 132H
July 1, 2024
Page 2 of 2

- Contract Area covering the S2NW of Section 13, S2N2 of Section 14, and S2NE of Section 15, 19S-27E
- 100%/300% Non-Consenting Penalty
- \$8,000/\$800 Drilling and Production Rates

Freedom is also willing to discuss possible trades or other deal structures related to your interest in the Well and proration unit. If an agreement cannot be reached within thirty (30) days from the date of this letter, Freedom reserves the right to apply to the New Mexico Oil Conservation District for compulsory pooling of your interest into a spacing unit for the Well.

If you have any questions concerning this proposal, you may contact me at (817) 310-8572 or mgregory@freedomenergy.com.

Sincerely,

FE Permian Operating I, LLC



Mike Gregory, CPL
Vice President - Land

Please select one of the following and return:

_____ I/We hereby elect **TO PARTICIPATE** for our proportionate share of the costs detailed in the enclosed AFE associated with the Well.

_____ I/We hereby elect **NOT TO PARTICIPATE** for our proportionate share of the costs detailed in the enclosed AFE associated with the Well.

_____ I/We are interested in selling, trading, leasing or farming out our interest. Please contact to discuss further.

COMPANY/OWNER NAME:

By: _____

Name: _____

Title: _____

Date: _____



July 1, 2024

SENT VIA CERTIFIED MAIL

Working Interest Owner

RE: Corrected Well Proposal
Cardigan Fed Com 133H (the "Well")
Section 13, 14 and 15, 19S-27E
Eddy County, New Mexico

Dear Working Interest Owner,

The original Well Proposal that we sent for the Well, dated July 1, 2024, had an error in the Spacing Unit and JOA Contract Area descriptions. Those have been corrected in this Corrected Well Proposal, and the original Well Proposal remains valid, except as corrected herein.

FE Permian Owner I, LLC acquired the interest of Tap Rock Resources III, LLC ("Tap Rock") effective May 1, 2024. This Well Proposal shall supersede Tap Rock's Well Proposal dated November 29, 2023, for the Well.

FE Permian Operating I, LLC ("Freedom"), as Operator and on behalf of FE Permian Owner I, LLC, as working interest owner, proposes to horizontally drill and complete the Well, as further described below, to test the Bone Spring formation.

- Surface Hole Location: 2,053' FSL and 1,766' FWL of Section 13, 19S-27E
- First Take Point: 1,978' FSL and 2,548' FWL of Section 13, 19S-27E
- Bottom Hole Location: 1,883' FSL and 2,545' FEL of Section 15, 19S-27E
- Depth: 18,990' Measured Depth and 7,755' True Vertical Depth
- Spacing Unit: N2SW of Section 13, N2S2 of Section 14, and N2SE of Section 15, 19S-27E

The estimated cost of drilling, completing and equipping the Well is \$9,209,612.61, as itemized on the enclosed Authorization for Expenditure ("AFE"). The proposed location and drilling plans described above are subject to change if permitting, surface or subsurface issues are encountered which necessitate a change.

In the event you elect to participate in the proposed well, please execute the enclosed AFE and return to Freedom within thirty (30) days. Freedom proposes the drilling of the Well under the terms of a modified 1989 AAPL form of Operating Agreement, with Horizontal Modifications, ("JOA"), which will be provided upon request. The JOA will have the following general provisions:

- FE Permian Operating I, LLC named as Operator

Cardigan Fed Com 133H
July 1, 2024
Page 2 of 2

- Contract Area covering the N2SW of Section 13, N2S2 of Section 14, and N2SE of Section 15, 19S-27E
- 100%/300% Non-Consenting Penalty
- \$8,000/\$800 Drilling and Production Rates

Freedom is also willing to discuss possible trades or other deal structures related to your interest in the Well and proration unit. If an agreement cannot be reached within thirty (30) days from the date of this letter, Freedom reserves the right to apply to the New Mexico Oil Conservation District for compulsory pooling of your interest into a spacing unit for the Well.

If you have any questions concerning this proposal, you may contact me at (817) 310-8572 or mgregory@freedomenergy.com.

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FE Permian Operating I, LLC



Mike Gregory, CPL
Vice President - Land

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_____ I/We are interested in selling, trading, leasing or farming out our interest. Please contact to discuss further.

COMPANY/OWNER NAME:

By: _____

Name: _____

Title: _____

Date: _____



July 1, 2024

SENT VIA CERTIFIED MAIL

Working Interest Owner

RE: Corrected Well Proposal
Cardigan Fed Com 134H (the "Well")
Section 13, 14 and 15, 19S-27E
Eddy County, New Mexico

Dear Working Interest Owner,

The original Well Proposal that we sent for the Well, dated July 1, 2024, had an error in the Spacing Unit and JOA Contract Area descriptions. Those have been corrected in this Corrected Well Proposal, and the original Well Proposal remains valid, except as corrected herein.

FE Permian Owner I, LLC acquired the interest of Tap Rock Resources III, LLC ("Tap Rock") effective May 1, 2024. This Well Proposal shall supersede Tap Rock's Well Proposal dated November 29, 2023, for the Well.

FE Permian Operating I, LLC ("Freedom"), as Operator and on behalf of FE Permian Owner I, LLC, as working interest owner, proposes to horizontally drill and complete the Well, as further described below, to test the Bone Spring formation.

- Surface Hole Location: 2,023' FSL and 1,765' FWL of Section 13, 19S-27E
- First Take Point: 478' FSL and 2,531' FWL of Section 13, 19S-27E
- Bottom Hole Location: 383' FSL and 2,543' FEL of Section 15, 19S-27E
- Depth: 19,234' Measured Depth and 7,797' True Vertical Depth
- Spacing Unit: S2SW of Section 13, S2S2 of Section 14, and S2SE of Section 15, 19S-27E

The estimated cost of drilling, completing and equipping the Well is \$9,209,612.61, as itemized on the enclosed Authorization for Expenditure ("AFE"). The proposed location and drilling plans described above are subject to change if permitting, surface or subsurface issues are encountered which necessitate a change.

In the event you elect to participate in the proposed well, please execute the enclosed AFE and return to Freedom within thirty (30) days. Freedom proposes the drilling of the Well under the terms of a modified 1989 AAPL form of Operating Agreement, with Horizontal Modifications, ("JOA"), which will be provided upon request. The JOA will have the following general provisions:

- FE Permian Operating I, LLC named as Operator

Cardigan Fed Com 134H
July 1, 2024
Page 2 of 2

- Contract Area covering the S2SW of Section 13, S2S2 of Section 14, and S2SE of Section 15, 19S-27E
- 100%/300% Non-Consenting Penalty
- \$8,000/\$800 Drilling and Production Rates

Freedom is also willing to discuss possible trades or other deal structures related to your interest in the Well and proration unit. If an agreement cannot be reached within thirty (30) days from the date of this letter, Freedom reserves the right to apply to the New Mexico Oil Conservation District for compulsory pooling of your interest into a spacing unit for the Well.

If you have any questions concerning this proposal, you may contact me at (817) 310-8572 or mgregory@freedomenergy.com.

Sincerely,

FE Permian Operating I, LLC



Mike Gregory, CPL
Vice President - Land

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_____ I/We are interested in selling, trading, leasing or farming out our interest. Please contact to discuss further.

COMPANY/OWNER NAME:

By: _____

Name: _____

Title: _____

Date: _____



Sharon T. Shaheen
Direct Dial: 505-986-2678
sshahen@spencerfane.com

August 23, 2024

Via U.S. Certified Mail, return receipt requested

TO: ALL INTEREST OWNERS ON ATTACHED LIST

Re: Case Nos. 24807-24810 – Applications of Flat Creek Resources, LLC for Compulsory Pooling, Eddy County, New Mexico – **Cardigan Wells 131H, 132H, 133H and 134H**

Dear Interest Owner:

This will advise that pursuant to NMSA 1978, § 70-2-17, Flat Creek Resources, LLC (“Flat Creek”) has filed amended applications with the New Mexico Oil Conservation Division seeking compulsory pooling in Eddy County, New Mexico. You are receiving this notice because you may have an interest in one or more of these wells.

Case No. 24807: Application of Flat Creek Resources, LLC for Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Division pooling all uncommitted mineral interests in the Bone Spring formation in a standard 240-acre, more or less, horizontal spacing and proration unit (“HSU”), comprised of the N/2 NW/4 of Section 13 and N/2 N/2 of Section 14, Township 19 South, Range 27 East, in Eddy County, New Mexico. Applicant proposes to drill the following well in the HSU: Cardigan State Com 131H well, to be horizontally drilled from a surface hole location approximately 530’ FNL and 1,420’ FWL of Section 13, T19S-R27E to a bottomhole location approximately 455’ FNL and 100’ FWL of Section 14, T19S-R27E. The completed interval and first and last take points will meet statewide setback requirements for horizontal oil wells. 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 Operator of the well, and a 200% charge for the risk involved in drilling and completing the well. The well and land are approximately 14 miles Southwest of Loco Hills, New Mexico.

Case No. 24808: Application of Flat Creek Resources, LLC for Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Division pooling all uncommitted mineral interests in the Bone Spring formation in a standard 320-acre, more or less, horizontal spacing and proration unit (“HSU”), comprised of the S/2 NW/4 of Section 13, S/2 N/2 of Section 14, and the S/2 NE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico. Applicant proposes to drill the following well in the HSU: Cardigan State Com 132H well, to be horizontally drilled from a surface hole location approximately 2,083’ FSL and 1,766’ FWL of Section 13, T19S-R27E to a bottom hole location approximately 1,730’ FNL and 2,547’ FEL of Section 15, T19S-R27E. The completed interval and first and last take points will meet statewide setback

All Interest Owners
August 23, 2024
Page 2



requirements for horizontal oil wells. 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 Operator of the well, and a 200% charge for the risk involved in drilling and completing the well. The well and land are approximately 14 miles Southwest of Loco Hills, New Mexico.

Case No. 24809: Application of Flat Creek Resources, LLC for Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Division pooling all uncommitted mineral interests in the Bone Spring formation in a standard 320-acre, more or less, horizontal spacing and proration unit ("HSU"), comprised of the N/2 SW/4 of Section 13, the N/2 S/2 of Section 14, and the N/2 SE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico. Applicant proposes to drill the following well in the HSU: Cardigan State Com 132H well, to be horizontally drilled from a surface hole location approximately 2,053' FSL and 1,766' FWL of Section 13, T19S-R27E to a bottom hole location approximately 1,883' FSL and 2,545' FEL of Section 15, T19S-R27E. The completed interval and first and last take points will meet statewide setback requirements for horizontal oil wells. 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 Operator of the well, and a 200% charge for the risk involved in drilling and completing the well. The well and land are approximately 14 miles Southwest of Loco Hills, New Mexico.

Case No. 24810: Application of Flat Creek Resources, LLC for Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Division pooling all uncommitted mineral interests in the Bone Spring formation in a standard 320-acre, more or less, horizontal spacing and proration unit ("HSU"), comprised of the S/2 SW/4 of Section 13, the S/2 S/2 of Section 14, and the S/2 SE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico. Applicant proposes to drill the following well in the HSU: Cardigan State Com 132H well, to be horizontally drilled from a surface hole location 2,023' FSL and 1,765' FWL of Section 13, T19S-R27E to a bottom hole location approximately 383' FSL and 2,543' FEL of Section 15, T19S-R27E. The completed interval and first and last take points will meet statewide setback requirements for horizontal oil wells. 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 Operator of the well, and a 200% charge for the risk involved in drilling and completing the well. The well and land are approximately 14 miles Southwest of Loco Hills, New Mexico.

The attached application is set for hearing before a Division Examiner at the New Mexico Oil Conservation Division on **September 12, 2024** beginning at 8:30 a.m. Hearings are currently conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via the WebEx virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <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, you may appear and present testimony.

Failure to appear at that time and become a party of record will preclude you from challenging these applications at a later time. If you intend to present testimony or evidence at the hearing, you must enter your appearance **eight days prior to the hearing, no later than September 4, 2024** and serve the Division,

All Interest Owners
August 23, 2024
Page 3



counsel for the Applicant, and other parties with a pre-hearing statement **seven days prior to the hearing, no later than September 5, 2024** in accordance with Division Rule 19.15.4.13 NMAC.

You may review filings and confirm the date of the hearing by accessing case documents at <https://ocdimage.emnrd.nm.gov/imaging/CaseFileCriteria.aspx>.

Please feel free to contact me if you have any questions about these applications.

Very truly yours,

/s/ Sharon T. Shaheen
Sharon T. Shaheen

STS
Enclosure
cc: Flat Creek Resources, LLC, *via email*

INTEREST OWNERS**WORKING INTEREST OWNERS**

Occidental Permian, LP
5 EAST GREENWAY PLAZA STE 110
HOUSTON, TX 77046

OXY USA WTP, LP
5 EAST GREENWAY PLAZA STE 110
HOUSTON, TX 77046

BP America Production Company
501 WESTLAKE PARK BOULEVARD
HOUSTON, TX 77079

EOG Resources, Inc.
P.O. BOX 2267
MIDLAND, TX 79702
ATTN: MIDLAND DIVISION - LAND DEPT

ZPZ Delaware, LLC
2000 POST OAK BLVD
HOUSTON, TX 77056

Marathon Oil Corporation
990 TOWN AND COUNTRY BLVD
HOUSTON, TX 77024
ATTN: LAND DEPT

WPX Energy Permian, LLC
333 WEST SHERIDAN AVE
OKLAHOMA CITY, OK 73102

I & L Development Co.
3500 OAK LAWN AVE, SUITE 720
DALLAS, TX 75219

J. Cleo Thompson & James Cleo Thompson, Jr., LP
325 N ST PAUL ST, STE 4300
DALLAS, TX 75201

Harvard Petroleum Company, LLC
PO BOX 936
ROSWELL, NM 88202

Devon Energy Production Company
333 WEST SHERIDAN AVENUE
OKLAHOMA CITY, OK 73102-5015

Permian Resources Operating, LLC
300 N MARIENFIELD ST, STE 1000
MIDLAND, TX 79701

Mark Wilson Family Partnership, LP
4501 GREENTREE BLVD
MIDLAND, TX 79707

ORRI OWNERS

Ergodic Resources, LLC
P. O. Box 2021
Roswell, NM 88202

Abuelo, LLC
21 Crook Drive
Artesia, NM 88210

Mark E. Boling Revocable Trust
8210 Louisiana Blvd, Ste B
Albuquerque, NM 87113

Silverhair, LLC
1301 Lewis Rd
Artesia, NM 88210

Loco Hills Production Company, LLC
P. O. Box 779
Artesia, NM 88211

Rio Pecos Corporation
4501 Greentree Blvd
Midland, TX 79707

Cannon Exploration Co.
36085 County Rd. 1184
Midland, TX 79706

Tara-Jon Corp.
P. O. Box 3388
Midland, TX 79702

Chi Energy, Inc.
P. O. Box 1799
Midland, TX 79702

John Kyle Thoma
Trustee of the Cornerstone Family Trust
P. O. Box 558
Peyton, CO 80831

Jareed Partners, Ltd.
2407 Bellechase Court
Midland, TX 79708

Slayton Investments, LLC
P. O. Box 2035
Roswell, NM 88202

Colgate Royalties, LP
300 North Marienfeld Street, Suite 1000
Midland, TX 79701

Estate of Thelma R. Schneider
1903 Wagonwheel Ave.
Las Vegas, NM 89119-2873

Mark Wilson Family Partnership, L.P.
4501 Greentree Blvd
Midland, TX 79707

TWR IV, LLC
3724 Hulen Street
Fort Worth, TX 76107

Hollyhock Corp.
4105 Baybrook Drive
Midland, TX 79707

Lowe Royalty Partners, LP
4400 Post Oak Pkwy #2550
Houston, TX 77027

C. Mark Wheeler
3001 Northtown Place
Midland, TX 79705

Paul R. Barwis
2201 Southhampton Lane
Midland, TX 79705

Penwell Employee Royalty Pool
600 North Marienfeld, Ste 1100
Midland, TX 79701

EOG Resources, Inc.
P.O. BOX 2267
MIDLAND, TX 79702
ATTN: MIDLAND DIVISION - LAND DEPT.

Yates Brothers, a partnership composed of
Harvey E. Yates, Martin Yates, III, S.P. Yates
and John A. Yates
101 S. 4th Street, Suite B
Artesia, NM 88210

Estate of Thelma R. Schneider
c/o Michael Aaron Mills (Grandson)
6343 Isabel Cove Ave.
Las Vegas, NV 89139

Javier Arturo Lujan
1407 South 21st Street
Artesia, NM 88210

Estate of Bernard W. Schneider
C/O Jo Lynn Schneider (daughter)
516 W. Garst Ave, Apt 4132
Artesia, NM 88210

Midland AOG Partners, Ltd.
P. O. Box 793
Midland, TX 79702

Cole L. Oliver
P. O. Box 89
Abilene, TX 79604

Estate of Myrtle Lee Schneider McLaughlin
C/O John Cecil Fox (Grandson)
14510 Suzanna St.
Amarillo, TX 79119-5887

Estate of Mrs. Hester Terpening
C/O William L. Terpening, Sr. (son)
Rt. 3, Box 76
Troup, TX 75789-9104

Estate of Mrs. Hester Terpening
Jerry C. Terpening, H/o Nancy C. Terpening
P.O. Box 207
Artesia, NM 88211

Estate of Elizabeth J. Schneider Fullingim
C/O Darrell Edward Fullingim (son)
1331 Downs Dr.
Minden, NV 89423

Estate of Ivan Charles Schneider
C/O Michael Ivan Schneider
3480 E. Huntsville Rd., Lot 5
Fayetteville, AR 72701

Francis D. Schneider
P. O. Box 1492
Hope, NM 88250-1492

Tom Ross Atkinson
6399 Oak Ln
Robstown, TX 78380-5244

Grace Ann Atkinson Buchanan
46 Bethpage Dr.
Laguna Vista, TX 78578-2863

Rebecca S. Lefurgey Wade
203 Chama Dr.
Victoria, TX 77904

William C. Lefurgey
271 Meadowlande Dr.
Yoakum, TX 77995

John Stallings Atkinson
502 Rhodes Rd.
Victoria, TX 77904

Jesse Dale Atkinson
2104 E. Trinity Street
Victoria, TX 77901

Blanche Widaman Trust
Wells Fargo Bank, N.A.
P. O. Box 5383
Denver, CO 80217

Estate of Greta M. Edgington
C/O Donna Knothe
302 W 2 Street
Paxton, NE 69155

Edgar Stephen Cord Hummel, Trustee of the
Edgar Stephen Cord Hummel Living Trust
1620 Catalpa Lane
Reno, NV 89511

William Cord Hummel, Trustee of the William
Cord Hummel Living Trust dated 8/3/2001
345 Park Ridge
Boerne, TX 78006

Peter Russell Kirk Hummel, Trustee of the Peter
Russell Kirk Russell Living Trust dated 2/6/2001
2140 Green Tree Lane
Reno, NV 89511

Virginia Michelle Hummel Arrington, Trustee of
the Virginia Michelle Hummel Living Trust
dated 9/9/2005
74136 Via Venezia
Palm Desert, CA 92260

Eagle Trust UTA dated 11/9/2006, as amended
P. O. Box 10350
Reno, NV 89510

Richardson Mineral & Royalty, LLC
P. O. Box 2423
Roswell, NM 88202

Tim Cavanaugh
7217 Hollis St NE
Albuquerque, NM 87109

Colleen Blackman
151 N Roadrunner Pkwy
Apt 322
Las Cruces, NM 88011

Cathy Jones
13401 Riverside Drive
Apt 209
Sherman, CA 91423

L. S. Henry, LLC
P. O. Box 742735
Dallas, TX 75347

Mountain Lion Oil and Gas, LLC
7941 Katy Freeway #117
Houston, TX 77024

Rockwood Resources, LLC
P. O. Box 2250
Sulphur Springs, TX 75483

Wing Resources VII, LLC
2100 McKinney Avenue, Ste 1540
Dallas, TX 75201

Charles R. Wiggins
P. O. Box 10862
Midland, TX 79702

Lewis A. Woodall Living Trust dated September
15, 2000
503 Coachouse Court
Louisville, KY 40223

Richard A. Woodall
P. O. Box 9513
Bakersfield, CA 93389

E W Evans Jr, Noble Windom Royalties, LLC
7815 N CEDAR WAY
PARK CITY, UT 84098

Compass Royalty Management
15303 DALLAS PARKWAY
SUITE 1350
ADDISON, TX 75001

Noble Royalties, Inc.
15303 DALLAS PARKWAY
SUITE 1350
ADDISON, TX 75001

Windom Royalties, LLC
15303 DALLAS PARKWAY
SUITE 1350
ADDISON, TX 75001

Errett Allan Hummel, Trustee of the Errett Allan
Hummel Living Trust
7263 Blue Falls Circle
Reno, NV 89511

Lessees of Record

OXY Y-1 Co.
5 EAST GREENWAY PLAZA STE 110
HOUSTON, TX 77046

Chi Energy, Inc.
PO BOX 1799
MIDLAND, TX 79702-1799

Tap Rock Resources III, LLC
523 PARK POINT DRIVE, SUITE 200
GOLDEN, CO 80401

Additional Party(ies)

State Land Office
310 Old Santa Fe Trail
Santa Fe, NM 87501

Tab 4

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

**APPLICATIONS OF FLAT CREEK RESOURCES, LLC
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

Case Nos. 24807-24810

AFFIRMATION OF GEOLOGIST THOMAS M. ANDERSON

I, Thomas M. Anderson, make the following self-affirmed statement:

1. I am over the age of 18, and have the capacity to execute this affirmation, which is based on my personal knowledge.
2. I am employed as the geologist for Flat Creek Resources, LLC (“Flat Creek” or “Applicant”), and I am familiar with the subject applications and the lands involved.
3. This affirmation is submitted in connection with the filing by Flat Creek of the above-referenced compulsory pooling applications pursuant to 19.15.4.12.A(1) NMAC.
4. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum land matters. My credentials as a petroleum geologist have been accepted by the Division and made a matter of record. My education and work experience are as follows: I have a bachelor’s degree in geology from the University of South Florida and a master’s degree in geology from Florida State University. I have been working continuously as a professional geologist since 1981. I worked at Exxon/ExxonMobil/XTO Energy for 37 years and have been at Flat Creek Resources, LLC for 6 years. Since 2011 I have worked fulltime in the Permian Basin, including the northern portion of the Delaware and the NW Shelf in New Mexico.
5. **Exhibit B-1** is a location map of the Delaware Basin highlighting the position of the project area.

EXHIBIT B

6. **Exhibit B-2** is a gun barrel diagram of the Cardigan development plan. The horizontal well spacing is to scale.

7. **Exhibit B-3** is a TVDSS structure map on the base of 3rd Bone Spring sand (top Wolfcamp). Contour interval is 50'. The top defines the base of the target interval for the proposed wells. The proposed spacing unit is outlined by the black rectangle and the proposed horizontal wells are shown in blue. There is no evidence of faults, pinch-outs or other significant impediments to the horizontal development in either of the objectives.

8. **Exhibit B-4** is a reference map for the cross-section. Horizontal wells on the map are filtered to only those landing Bone Spring.

9. **Exhibit B-5** is a stratigraphic cross-section flattened on the base of the 3rd Bone Spring sand (top Wolfcamp). Log curves for each well on the section consist of a gamma ray/caliper, deep resistivity, and neutron/density porosity. The targeted interval for the proposed wells is shaded yellow.

10. An additional exhibit for the benefit of the Division's review is **Exhibit B-6**, a gross isochore of the 3rd Bone Spring sand.

11. The measured depths and true vertical depths for each well are approximately as follows:

Case No.:		MD	TVD
24807	Cardigan State Com #131H	16,350'	7,826'
24808	Cardigan Fed Com #132H	18,695'	7,736'
24809	Cardigan Fed Com #133H	18,480'	7,772'
24810	Cardigan Fed Com #134H	18,725'	7,814'

12. Based on my geologic study of the area, I conclude the following:

- a. The horizontal spacing and proration units (“HSU”) are justified from a geologic standpoint.
- b. There are no structural impediments or faults that will interfere with horizontal development.
- c. Each quarter-quarter section in the Bone Spring HSUs will contribute more or less equally to production.

13. The planned well orientation in this area is east-west to complement existing development in the immediate area. The measured orientation of the maximum horizontal stress averages N1.4°E (based on 5 high quality measurements approximately 10 miles east of the project area from data tables from Lundstern, JE., Zoback, M.D. Author Correction: Multiscale variations of the crustal stress field throughout North America. *Nat Commun* **14**, 1232 (2023). <https://doi.org/10.1038/s41467-022-34915-0>). These measurements strongly favor an east-west orientation.

14. The subject acreage represents a sizeable percentage of Flat Creek’s total acreage and will have the complete attention of the company with the goal of optimizing and accelerating operations.

15. The exhibits attached hereto were prepared by me.

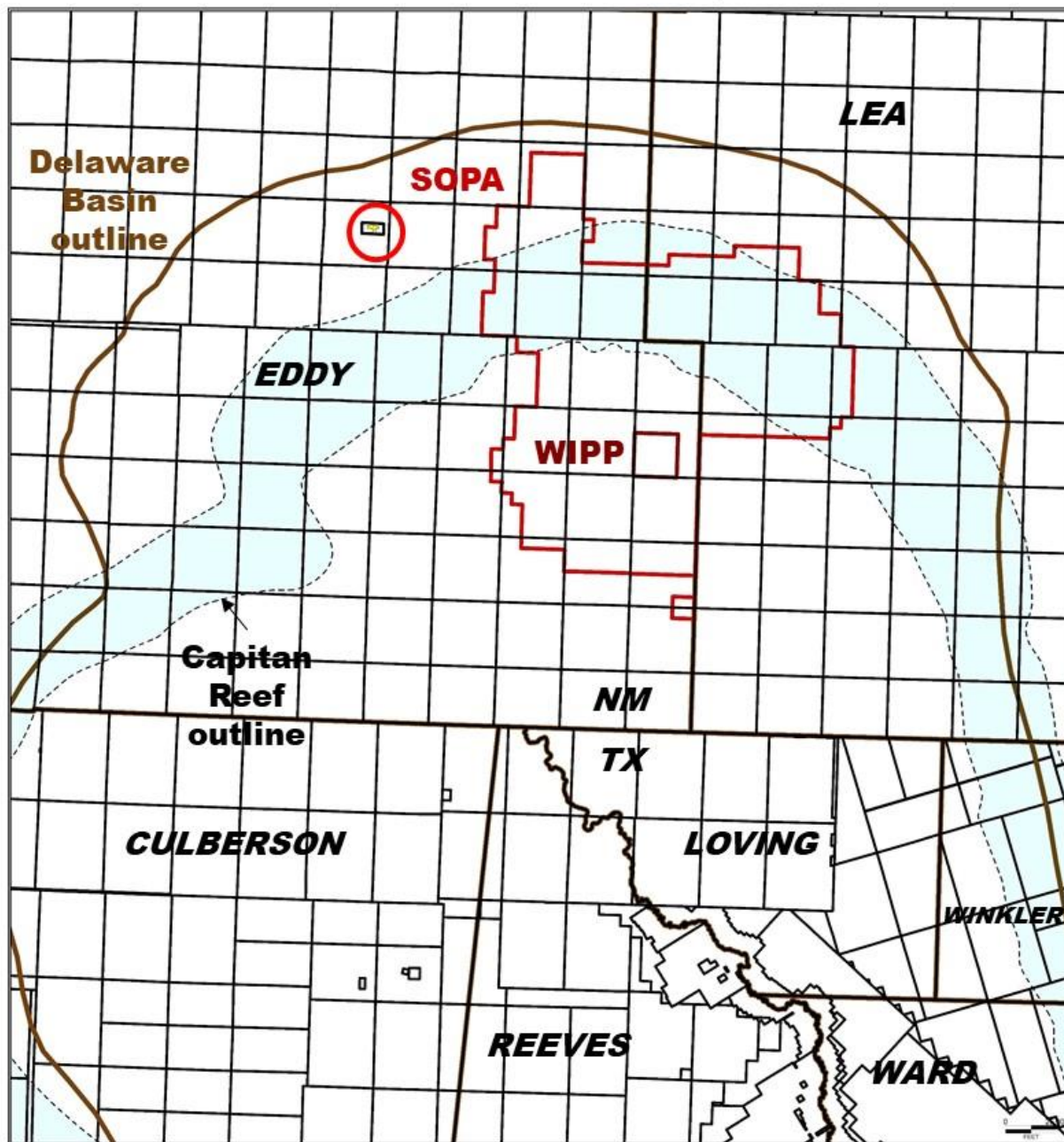
16. The granting of the Applications is in the interests of conservation, the prevention of waste, and the protection of correlative rights.

I affirm under penalty of perjury under the laws of the State of New Mexico that this statement is true and correct.

Thomas M Anderson
Thomas M. Anderson

09/05/2024
Date

General Location Map



- Location of the Cardigan project is shown inside the red circle in the northwest corner of the basin behind the Capitan Reef in Eddy County

EXHIBIT B-1

Gun Barrel Diagram

Structural dip is to the east/southeast. Cardigan wells are planned to drill east to west, roughly up dip

300152313300

T19S R27E S13
HARVARD PET COLL C
JEB STUART 13 COM 1

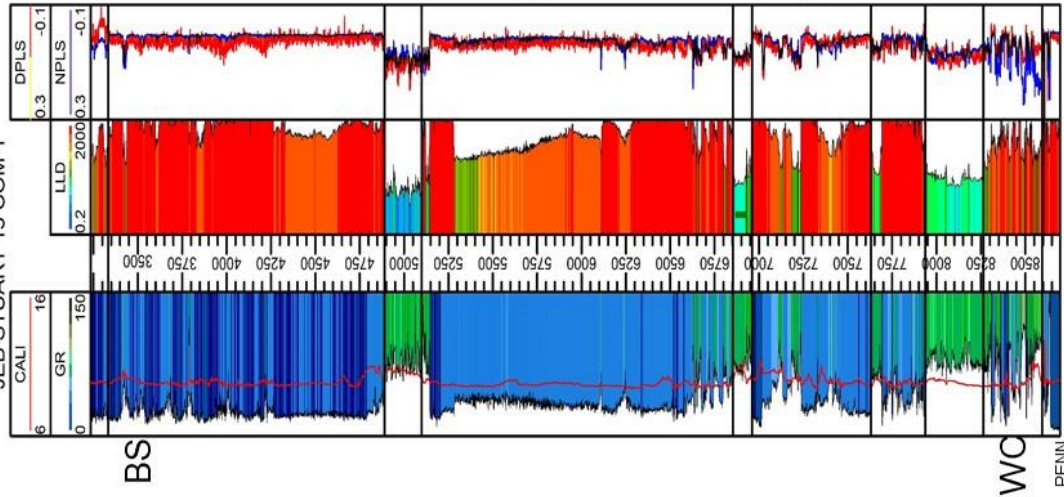
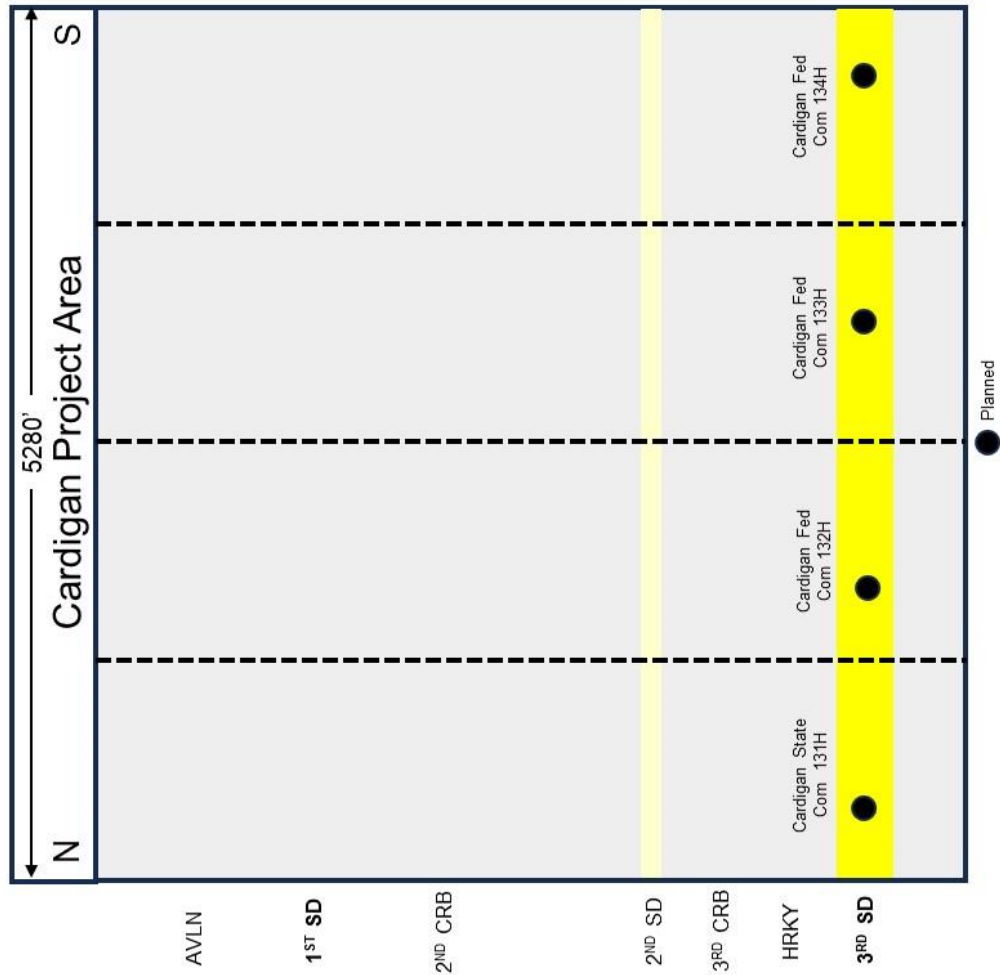


EXHIBIT B-2



Structure Map – Base 3rd Bone Spring Sand (TVDSS)

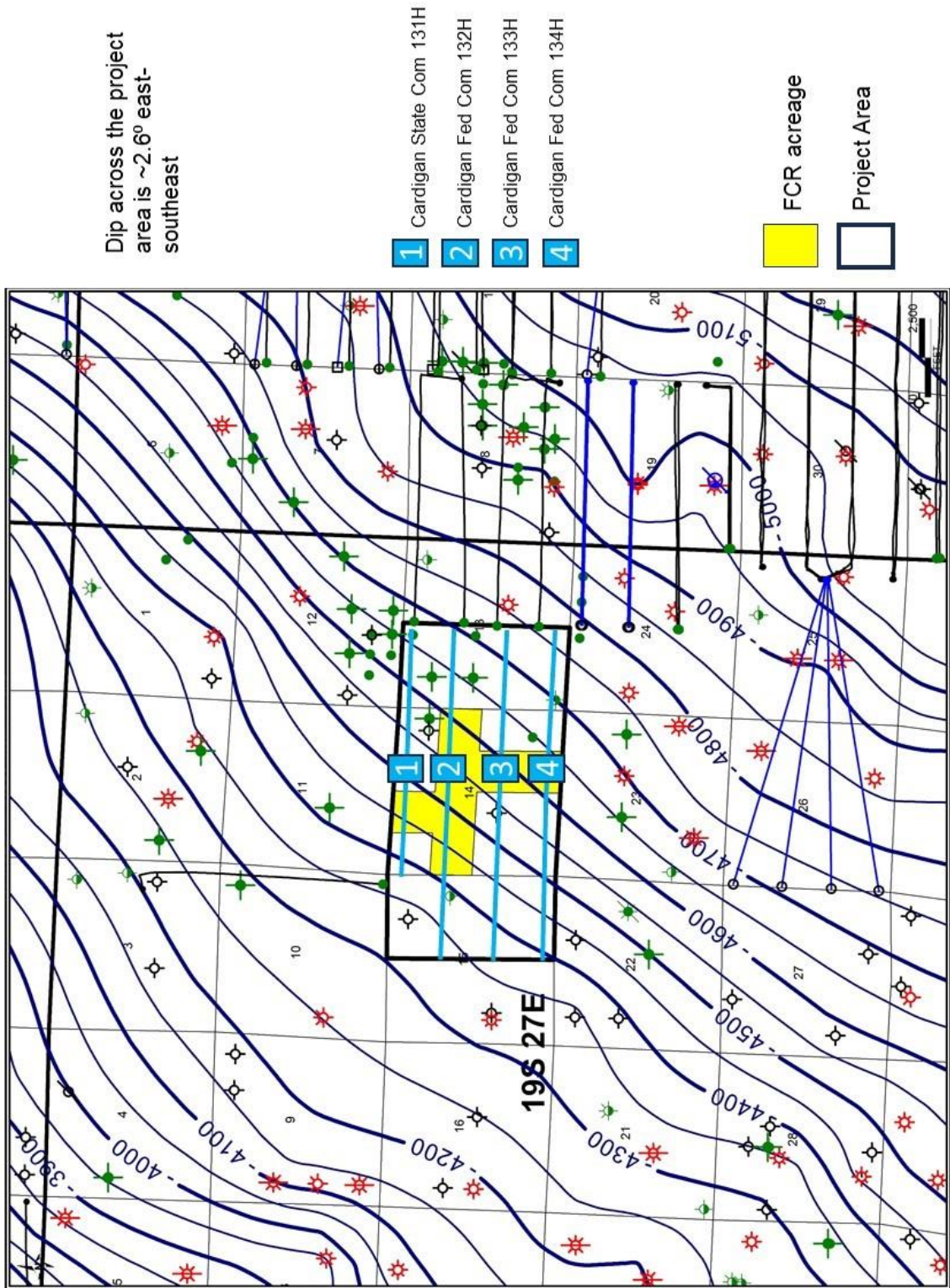


EXHIBIT B-3

Cross-section Reference Map

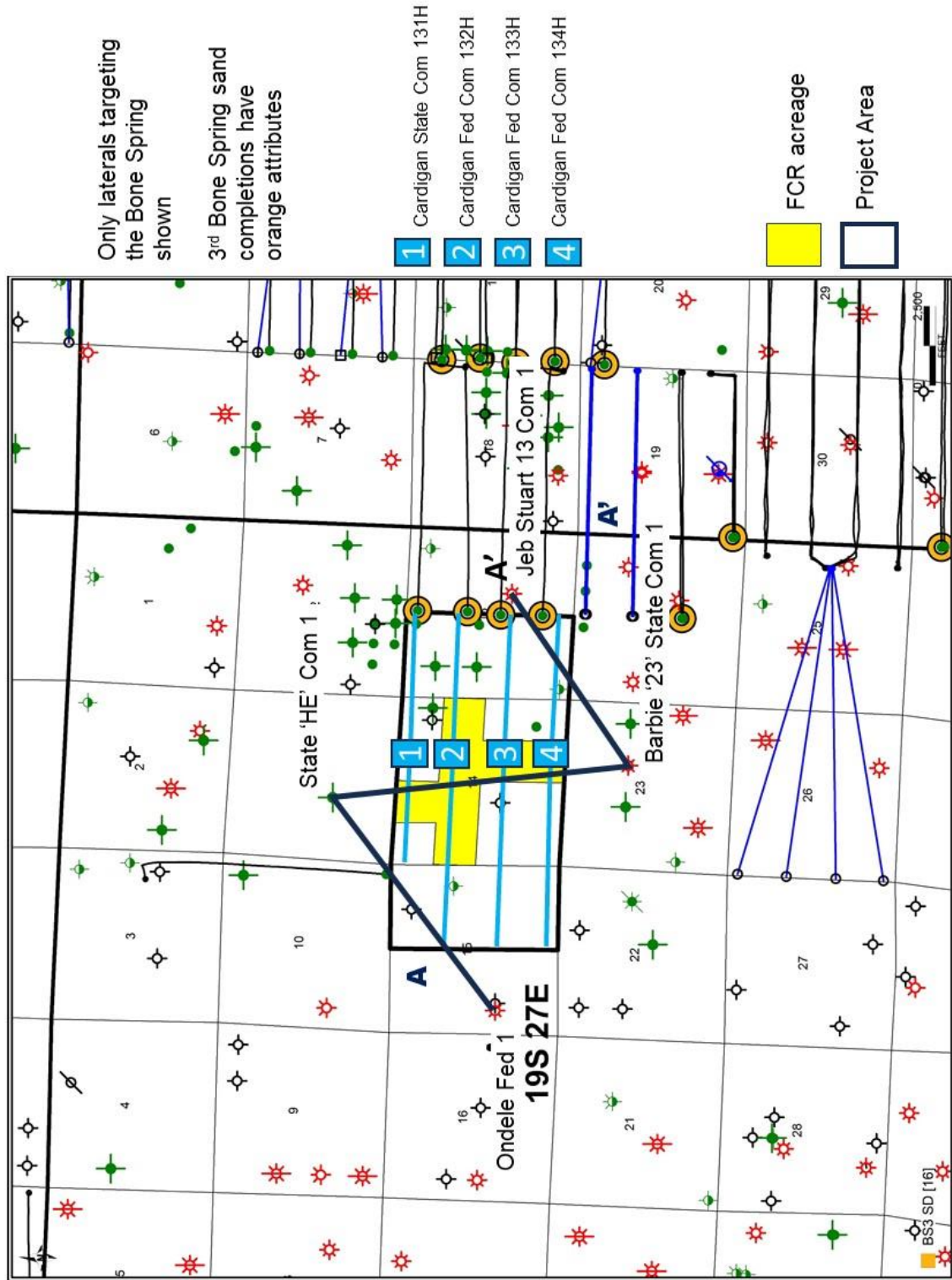


EXHIBIT B-4

Stratigraphic Cross-section (Base 3rd Bone Spring Sand Datum)

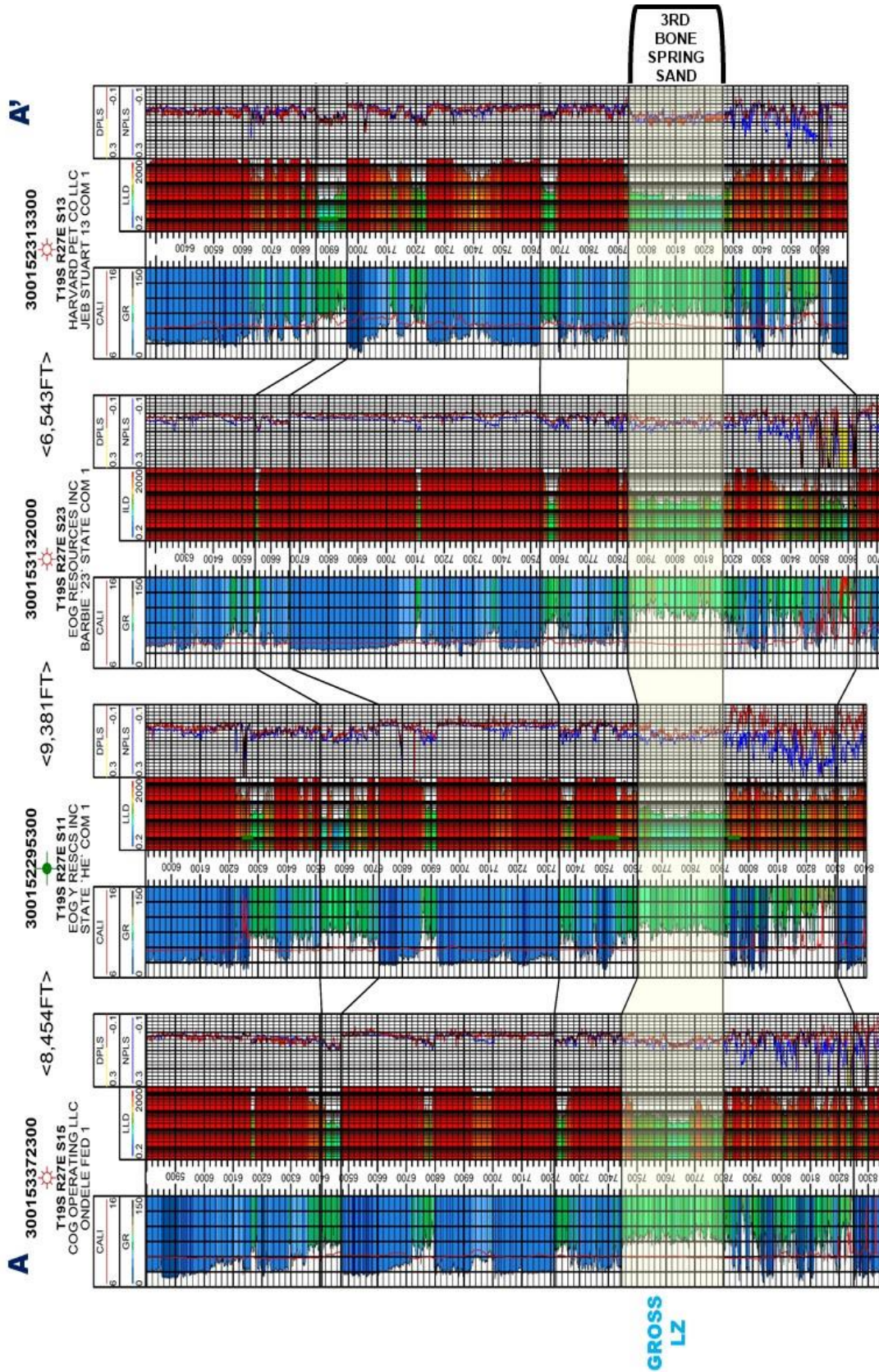


EXHIBIT B-5

Gross interval Isochore – 3rd Bone Spring Sand

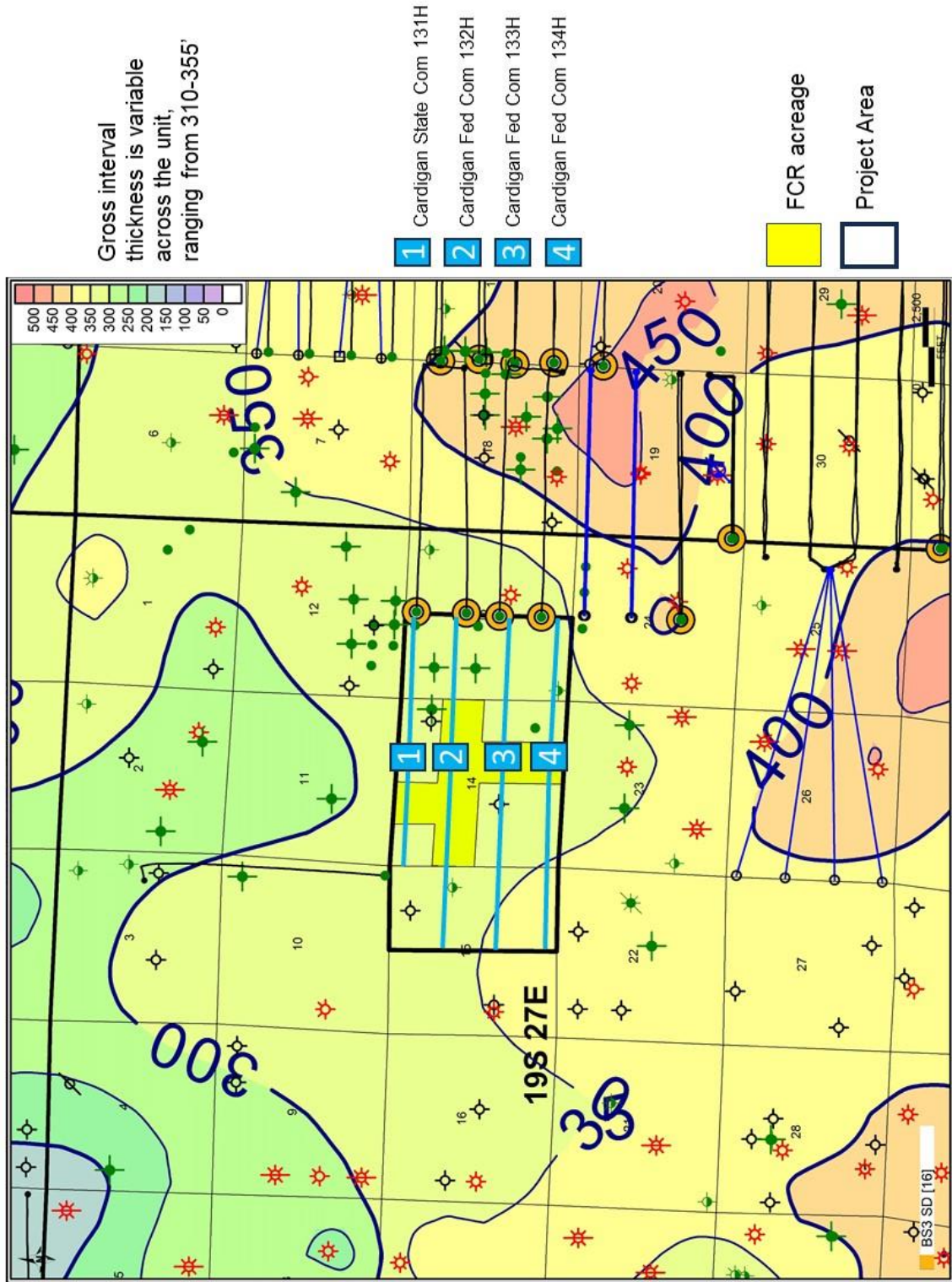


EXHIBIT B-6

Tab 5

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

**APPLICATION OF FLAT CREEK RESOURCES, LLC
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

Case Nos. 24807-24810

AFFIRMATION OF NOTICE

I, Sharon T. Shaheen, attorney for Applicant in the above-captioned matter, state the following:

I caused notice of the applications to be sent by certified mail through the United States Postal Service on August 23, 2024, to all interest owners sought to be pooled in this proceeding. Evidence of mailing to all such owners is attached hereto as Exhibit C-1. Notice was also directed to all such owners by publication in the Carlsbad Current-Argus on August 29, 2024, which is reflected in the Affidavit of Publication attached hereto as Exhibit C-2. Exhibit C-2 demonstrates to my satisfaction that those owners who did not receive personal notice through the certified mailing were properly served by publication.

Flat Creek has conducted a good faith, diligent effort to find the names and correct addresses for the interest owners entitled to receive notice of the Application filed herein.

I affirm under penalty of perjury under the laws of the State of New Mexico that this statement is true and correct.

/s/ Sharon T. Shaheen
Sharon T. Shaheen

September 5, 2024
Date

Flat Creek Resources, LLC
Cardigan Wells 131H, 132H, 133H, and 134H (Case Nos. 24807 – 24810)
September 12, 2024 Hearing

DeliveredEntity	Date Letter Mailed	Certified Mail Number	Status of Delivery	Date Received / Misc. Information
WORKING INTERESTS				
Occidental Permian, LP 5 East Greenway Plaza Ste 110 Houston, TX 77046	August 23, 2024	9414 8149 0223 9333 0050 22	Delivered	Aug. 27, 2024
OXY USA WTP, LP 5 East Greenway Plaza Ste 110 Houston, TX 77046	August 23, 2024	9414 8149 0223 9333 0050 39	Delivered	Aug. 27, 2024
BP America Production Company 501 Westlake Park Boulevard Houston, TX 77079	August 23, 2024	9414 8149 0223 9333 0050 46	Delivered	Aug. 27, 2024
EOG Resources, Inc. P.O. BOX 2267 MIDLAND, TX 79702 ATTN: Midland Division - Land Dept	August 23, 2024	9414 8149 0223 9333 0050 53	Delivered	Sept.4,2024
ZPZ Delaware, LLC 2000 Post Oak Blvd Houston, TX 77056	August 23, 2024	9414 8149 0223 9333 0050 60	Delivered	Sept. 4, 2024
Marathon Oil Corporation 990 Town And Country Blvd Houston, TX 77024 ATTN: LAND DEPT	August 23, 2024	9414 8149 0223 9333 0050 77	Delivered	Aug. 28, 2024
WPX Energy Permian, LLC 333 West Sheridan Ave Oklahoma City, OK 73102	August 23, 2024	9414 8149 0223 9333 0050 84	Delivered	Aug. 27, 2024
I & L Development Co. 3500 Oak Lawn Ave, Suite 720 Dallas, TX 75219	August 23, 2024	9414 8149 0223 9333 0050 91	TRANSIT	Sept. 4, 2024

EXHIBIT C-1

Flat Creek Resources, LLC
Cardigan Wells 131H, 132H, 133H, and 134H (Case Nos. 24807 – 24810)
September 12, 2024 Hearing

DeliveredEntity	Date Letter Mailed	Certified Mail Number	Status of Delivery	Date Received / Misc. Information
J. Cleo Thompson & James Cleo Thompson, Jr., LP 325 N St Paul St, Ste 4300 DALLAS, TX 75201	August 23, 2024	9414 8149 0223 9333 0051 07	TRANSIT	Sept. 2, 2024
Harvard Petroleum Company, LLC PO Box 936 Roswell, NM 88202	August 23, 2024	9414 8149 0223 9333 0051 14	Delivered	Aug. 27, 2024
Devon Energy Production Company 333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102-5015	August 23, 2024	9414 8149 0223 9333 0051 21	Delivered	Aug. 27, 2024
Permian Resources Operating, LLC 300 N Marienfield St, Ste 1000 Midland, TX 79701	August 23, 2024	9414 8149 0223 9333 0051 38	Delivered	Aug. 26, 2024
Mark Wilson Family Partnership, LP 4501 Greentree Blvd Midland, TX 79707	August 23, 2024	9414 8149 0223 9333 0051 45	ALERT FORWARDED	Aug. 27 2024
OVERRIDING ROYALTY INTERESTS				
Ergodic Resources, LLC P. O. Box 2021 Roswell, NM 88202	August 23, 2024	9414 8149 0223 9333 0051 83	Delivered	Sept. 3, 2024
Abuelo, LLC 21 Crook Drive Artesia, NM 88210	August 23, 2024	9414 8149 0223 9333 0051 90	Delivered	Aug. 26, 2024
Mark E. Boling Revocable Trust 8210 Louisiana Blvd, Ste B Albuquerque, NM 87113	August 23, 2024	9414 8149 0223 9333 0052 06	Delivered	Aug. 28, 2024
Silverhair, LLC 1301 Lewis Rd Artesia, NM 88210	August 23, 2024	9414 8149 0223 9333 0052 13	Delivered	Aug. 27, 2024

Flat Creek Resources, LLC
Cardigan Wells 131H, 132H, 133H, and 134H (Case Nos. 24807 – 24810)
September 12, 2024 Hearing

DeliveredEntity	Date Letter Mailed	Certified Mail Number	Status of Delivery	Date Received / Misc. Information
Loco Hills Production Company, LLC P. O. Box 779 Artesia, NM 88211	August 23, 2024	9414 8149 0223 9333 0052 20	DELIVERY ATTEMPT	Aug. 31, 2024
Mark Wilson Family Partnership, L.P. 4501 Greentree Blvd Midland, TX 79707	August 23, 2024	9414 8149 0223 9333 0052 37	ALERT FORWARDED	Aug. 26, 2024
Rio Pecos Corporation 4501 Greentree Blvd Midland, TX 79707	August 23, 2024	9414 8149 0223 9333 0052 44	ALERT FORWARDED	Aug 26, 2024
TWR IV, LLC 3724 Hulen Street Fort Worth, TX 76107	August 23, 2024	9414 8149 0223 9333 0052 51	Delivered	Aug. 27, 2024
Cannon Exploration Co. 36085 County Rd. 1184 Midland, TX 79706	August 23, 2024	9414 8149 0223 9333 0052 68	Delivered	Aug. 27, 2024
Hollyhock Corp. 4105 Baybrook Drive Midland, TX 79707	August 23, 2024	9414 8149 0223 9333 0052 75	TRANSIT	Aug 31, 2024
Tara-Jon Corp. P. O. Box 3388 Midland, TX 79702	August 23, 2024	9414 8149 0223 9333 0052 82	Delivered	Sept. 3, 2024
Lowe Royalty Partners, LP 4400 Post Oak Pkwy #2550 Houston, TX 77027	August 23, 2024	9414 8149 0223 9333 0052 99	Delivered	Aug. 28, 2024
Chi Energy, Inc. P. O. Box 1799 Midland, TX 79702	August 23, 2024	9414 8149 0223 9333 0053 05	DELIVERY ATTEMPT	Sept 3, 2024
C. Mark Wheeler 3001 Northtown Place Midland, TX 79705	August 23, 2024	9414 8149 0223 9333 0053 12	DELIVERY ATTEMPT	Sept. 1, 2024

Flat Creek Resources, LLC
Cardigan Wells 131H, 132H, 133H, and 134H (Case Nos. 24807 – 24810)
September 12, 2024 Hearing

DeliveredEntity	Date Letter Mailed	Certified Mail Number	Status of Delivery	Date Received / Misc. Information
John Kyle Thoma Trustee of the Cornerstone Family Trust P. O. Box 558 Peyton, CO 80831	August 23, 2024	9414 8149 0223 9333 0053 29	DELIVERY ATTEMPT	Sept. 2, 2024
Paul R. Barwis 2201 Southhampton Lane Midland, TX 79705	August 23, 2024	9414 8149 0223 9333 0053 36	Delivered	Aug. 27, 2024
Jareed Partners, Ltd. 2407 Bellechase Court Midland, TX 79708	August 23, 2024	9414 8149 0223 9333 0053 43	TRANSIT	Aug. 29, 2024
Penwell Employee Royalty Pool 600 North Marienfeld, Ste 1100 Midland, TX 79701	August 23, 2024	9414 8149 0223 9333 0053 50	TRANSIT	Sept. 3, 2024
Slayton Investments, LLC P. O. Box 2035 Roswell, NM 88202	August 23, 2024	9414 8149 0223 9333 0053 67	Delivered	Aug. 27, 2024
EOG Resources, Inc. P.O. BOX 2267 Midland, TX 79702 ATTN: Midland Division - Land Dept.	August 23, 2024	9414 8149 0223 9333 0053 74	Delivered	Sept. 4, 2024
Colgate Royalties, LP 300 North Marienfeld Street, Suite 1000 Midland, TX 79701	August 23, 2024	9414 8149 0223 9333 0053 81	Delivered	Aug. 26, 2024
Yates Brothers, a partnership composed of Harvey E. Yates, Martin Yates, III, S.P. Yates and John A. Yates 101 S. 4th Street, Suite B Artesia, NM 88210	August 23, 2024	9414 8149 0223 9333 0053 98	Delivered	Sept. 3, 2024Del

Flat Creek Resources, LLC
Cardigan Wells 131H, 132H, 133H, and 134H (Case Nos. 24807 – 24810)
September 12, 2024 Hearing

DeliveredEntity	Date Letter Mailed	Certified Mail Number	Status of Delivery	Date Received / Misc. Information
Estate of Thelma R. Schneider 1903 Wagonwheel Ave. Las Vegas, NV 89119-2873	August 23, 2024	9414 8149 0223 9333 0054 04	DELIVERY ATTEMPT	Aug. 31, 2024
Estate of Thelma R. Schneider c/o Michael Aaron Mills (Grandson) 6343 Isabel Cove Ave. Las Vegas, NV 89139	August 23, 2024	9414 8149 0223 9333 0058 31	Delivered	Aug. 29, 2024
Javier Arturo Lujan 1407 South 21st Street Artesia, NM 88210	August 23, 2024	9414 8149 0223 9333 0054 11	Delivered	Sept. 3, 2024
Estate of Bernard W. Schneider C/O Jo Lynn Schneider (daughter) 516 W. Garst Ave, Apt 4132 Artesia, NM 88210	August 23, 2024	9414 8149 0223 9333 0054 28	TRANSIT	Sept. 1, 2024
Midland AOG Partners, Ltd. P. O. Box 793 Midland, TX 79702	August 23, 2024	9414 8149 0223 9333 0054 35	DELIVERY ATTEMPT	Aug. 31, 2024
Cole L. Oliver P. O. Box 89 Abilene, TX 79604	August 23, 2024	9414 8149 0223 9333 0054 42	Delivered	Aug. 27, 2024
Estate of Myrtle Lee Schneider McLaughlin C/O John Cecil Fox (Grandson) 14510 Suzanna St. Amarillo, TX 79119-5887	August 23, 2024	9414 8149 0223 9333 0054 59	TRANSIT	Aug. 27, 2024
Estate of Mrs. Hester Terpening C/O William L. Terpening, Sr. (son) Rt. 3, Box 76 Troup, TX 75789-9104	August 23, 2024	9414 8149 0223 9333 0054 66	RETURN TO SENDER	Aug. 27, 2024

Flat Creek Resources, LLC
Cardigan Wells 131H, 132H, 133H, and 134H (Case Nos. 24807 – 24810)
September 12, 2024 Hearing

DeliveredEntity	Date Letter Mailed	Certified Mail Number	Status of Delivery	Date Received / Misc. Information
Estate of Mrs. Hester Terpening Jerry C. Terpening, H/o Nancy C. Terpening P.O. Box 207 Artesia, NM 88211	August 23, 2024	9414 8149 0223 9333 0058 00	Delivered	Aug. 29, 2024
Estate of Elizabeth J. Schneider Fullingim C/O Darrell Edward Fullingim (son) 1331 Downs Dr. Minden, NV 89423	August 23, 2024	9414 8149 0223 9333 0054 73	Delivered	Aug. 26, 2024
Estate of Ivan Charles Schneider C/O Michael Ivan Schneider 3480 E. Huntsville Rd., Lot 5 Fayetteville, AR 72701	August 23, 2024	9414 8149 0223 9333 0054 80	TRANSIT	Sept. 3, 2024
Francis D. Schneider P. O. Box 1492 Hope, NM 88250-1492	August 23, 2024	9414 8149 0223 9333 0054 97	Delivered	Sept. 3, 2024
Tom Ross Atkinson 6399 Oak Ln Robstown, TX 78380-5244	August 23, 2024	9414 8149 0223 9333 0058 24	ALERT FORWARD EXPIRED	Aug. 28, 2024
Grace Ann Atkinson Buchanan 46 Bethpage Dr. Laguna Vista, TX 78578-2863	August 23, 2024	9414 8149 0223 9333 0055 10	DELIVERY ATTEMPT	Sept. 1, 2024
Rebecca S. Lefurgey Wade 203 Chama Dr. Victoria, TX 77904	August 23, 2024	9414 8149 0223 9333 0055 27	Delivered	Aug. 28, 2024
William C. Lefurgey 271 Meadowlande Dr. Yoakum, TX 77995	August 23, 2024	9414 8149 0223 9333 0055 34	Delivered	Aug. 30, 2024

Flat Creek Resources, LLC
Cardigan Wells 131H, 132H, 133H, and 134H (Case Nos. 24807 – 24810)
September 12, 2024 Hearing

DeliveredEntity	Date Letter Mailed	Certified Mail Number	Status of Delivery	Date Received / Misc. Information
John Stallings Atkinson 502 Rhodes Rd. Victoria, TX 77904	August 23, 2024	9414 8149 0223 9333 0055 41	Delivered	Aug. 27, 2024
Jesse Dale Atkinson 2104 E. Trinity Street Victoria, TX 77901	August 23, 2024	9414 8149 0223 9333 0055 58	DELIVERY ATTEMPT	Sept. 1, 2024
Blanche Widaman Trust Wells Fargo Bank, N.A. P. O. Box 5383 Denver, CO 80217	August 23, 2024	9414 8149 0223 9333 0058 17	Delivered	Aug. 28, 2024
Estate of Greta M. Edgington C/O Donna Knothe 302 W 2 Street Paxton, NE 69155	August 23, 2024	9414 8149 0223 9333 0055 65	Delivered	Aug. 29, 2024
Edgar Stephen Cord Hummel, Trustee of the Edgar Stephen Cord Hummel Living Trust 1620 Catalpa Lane Reno, NV 89511	August 23, 2024	9414 8149 0223 9333 0055 89	Delivered	Aug. 26, 2024
William Cord Hummel, Trustee of the William Cord Hummel Living Trust dated 8/3/2001 345 Park Ridge Boerne, TX 78006	August 23, 2024	9414 8149 0223 9333 0055 96	Delivered	Aug. 27, 2024
Peter Russell Kirk Hummel, Trustee of the Peter Russell Kirk Russell Living Trust dated 2/6/2001 2140 Green Tree Lane Reno, NV 89511	August 23, 2024	9414 8149 0223 9333 0056 02	Delivered	Aug. 26, 2024

Flat Creek Resources, LLC
Cardigan Wells 131H, 132H, 133H, and 134H (Case Nos. 24807 – 24810)
September 12, 2024 Hearing

DeliveredEntity	Date Letter Mailed	Certified Mail Number	Status of Delivery	Date Received / Misc. Information
Virginia Michelle Hummel Arrington, Trustee of the Virginia Michelle Hummel Living Trust dated 9/9/2005 74136 Via Venezia Palm Desert, CA 92260	August 23, 2024	9414 8149 0223 9333 0056 19	DELIVERY ATTEMPT	Aug. 31, 2024
Eagle Trust UTA dated 11/9/2006, as amended P. O. Box 10350 Reno, NV 89510	August 23, 2024	9414 8149 0223 9333 0056 26	Delivered	Aug. 26, 2024
Richardson Mineral & Royalty, LLC P. O. Box 2423 Roswell, NM 88202	August 23, 2024	9414 8149 0223 9333 0056 33	Delivered	Aug. 27, 2024
Tim Cavanaugh 7217 Hollis St NE Albuquerque, NM 87109	August 23, 2024	9414 8149 0223 9333 0056 40	Delivered	Aug. 26, 2024
Colleen Blackman 151 N Roadrunner Pkwy Apt 322 Las Cruces, NM 88011	August 23, 2024	9414 8149 0223 9333 0056 57	Delivered	Aug. 27, 2024
Cathy Jones 13401 Riverside Drive Apt 209 Sherman, CA 91423	August 23, 2024	9414 8149 0223 9333 0056 64	Delivered	Aug. 26, 2024
L. S. Henry, LLC P. O. Box 742735 Dallas, TX 75347	August 23, 2024	9414 8149 0223 9333 0056 71	TRANSIT	Aug. 30, 2024
Mountain Lion Oil and Gas, LLC 7941 Katy Freeway #117 Houston, TX 77024	August 23, 2024	9414 8149 0223 9333 0056 88	TRANSIT	Aug. 30, 2024

Flat Creek Resources, LLC
Cardigan Wells 131H, 132H, 133H, and 134H (Case Nos. 24807 – 24810)
September 12, 2024 Hearing

DeliveredEntity	Date Letter Mailed	Certified Mail Number	Status of Delivery	Date Received / Misc. Information
Rockwood Resources, LLC P. O. Box 2250 Sulphur Springs, TX 75483	August 23, 2024	9414 8149 0223 9333 0056 95	DELIVERY ATTEMPT	Sept. 1, 2024
Wing Resources VII, LLC 2100 McKinney Avenue, Ste 1540 Dallas, TX 75201	August 23, 2024	9414 8149 0223 9333 0057 01	Delivered	Aug. 27, 2024
Charles R. Wiggins P. O. Box 10862 Midland, TX 79702	August 23, 2024	9414 8149 0223 9333 0057 18	Delivered	Aug. 27, 2024
Lewis A. Woodall Living Trust dated September 15, 2000 503 Coachouse Court Louisville, KY 40223	August 23, 2024	9414 8149 0223 9333 0057 25	Delivered	Aug. 26, 2024
Richard A. Woodall P. O. Box 9513 Bakersfield, CA 93389	August 23, 2024	9414 8149 0223 9333 0057 32	Delivered	Aug. 29, 2024
E W Evans Jr, Noble Windom Royalties, LLC 7815 N Cedar Way Park City, UT 84098	August 23, 2024	9414 8149 0223 9333 0057 49	DELIVERY ATTEMPT	Sept. 2, 2024
Compass Royalty Management 15303 Dallas Parkway Suite 1350 Addison, TX 75001	August 23, 2024	Mailed with Noble Royalties	Delivered	Aug. 27, 2024
Noble Royalties, Inc. 15303 Dallas Parkway Suite 1350 Addison, TX 75001	August 23, 2024	9414 8149 0223 9333 0057 56 9414 8149 0223 9333 0057 63 9414 8149 0223 9333 0057 70 9414 8149 0223 9333 0057 87	Delivered	Aug. 27, 2024

Flat Creek Resources, LLC
Cardigan Wells 131H, 132H, 133H, and 134H (Case Nos. 24807 – 24810)
September 12, 2024 Hearing

DeliveredEntity	Date Letter Mailed	Certified Mail Number	Status of Delivery	Date Received / Misc. Information	
Windom Royalties, LLC 15303 Dallas Parkway Suite 1350 Addison, TX 75001	August 23, 2024	Mailed with Noble Royalties	Delivered	Aug. 27, 2024	
Errett Allan Hummel, Trustee of the Errett Allan Hummel Living Trust 7263 Blue Falls Circle Reno, NV 89511	August 23, 2024	9414 8149 0223 9333 0055 72	DELIVERY ATTEMPT	Aug. 31, 2024	
LESSEES OF RECORD					August
OXY Y-1 Co. 5 East Greenway Plaza Ste 110 Houston, TX 77046	August 23, 2024	9414 8149 0223 9333 0051 69	Delivered	Aug. 27, 2024	
Chi Energy, Inc. PO Box 1799 Midland, TX 79702-1799	August 23, 2024	9414 8149 0223 9333 0051 76	DELIVERY ATTEMPT	Sept. 3, 2024	
Tap Rock Resources III, LLC 523 Park Point Drive, Suite 200 Golden, CO 80401	August 23, 2024	9414 8149 0223 9333 0051 52	Delivered	Aug. 26 2024	
OTHER INTERESTED PARTIES					
Bureau of Land Management 414 W. Taylor Hobbs, NM 88240-1157	August 23, 2024	9314 7699 0430 0125 1226 84	Delivered	Aug. 27, 2024	

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Occidental Permian, LP
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EOG Resources, Inc.
ATTN: MIDLAND DIVISION - LAND DEPT
P.O. Box 2267
MIDLAND, TX 79702

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Marathon Oil Corporation
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OKLAHOMA CITY, OK 73102

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DALLAS, TX 75219

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J. Cleo Thompson & James Cleo Thompson, Jr., LP
325 N. ST PAUL STREET, SUITE 4300
DALLAS, TX 75021

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Harvard Petroleum Company, LLC
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ROSWELL, NM 88202

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10:44 am

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Devon Energy Production Company
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OKLAHOMA CITY, OK 73102-5025

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Permian Resources Operating, LLC
300 N. MARIENFIELD STREET
SUITE 1000
MIDLAND, TX 79701

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Ergodic Resources, LLC
P. O. Box 2021
Roswell, NM 88202

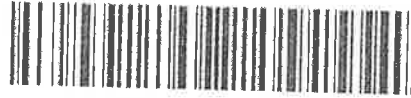
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Abuelo, LLC
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Peyton, CO 80831

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Colgate Royalties, LP
300 North Marlenfeld Street, Suite 1000
Midland, TX 79701

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Yates Brothers,
a partnership composed of Harvey E. Yates
Martin Yates, III, S.P. Yates and John A. Yates
101 S. 4th Street, Suite B
Artesia, NM 88210

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Amarillo, TX 79119-5887

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C/O William L. Terpening, Sr.
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Troup, TX 75789-9104

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Jerry C. Terpening
H/o Nancy C. Terpening
P.O. Box 207
Artesia, NM 88211

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C/O Darrell Edward Fullingim
1331 Downs Drive
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C/O Michael Ivan Schneider
3480 E. Huntsville Road, Lot 5
Fayetteville, AR 72701

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Francis D. Schneider
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Robstown, TX 78380-5244

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Rebecca S. Lefurgey Wade
203 Chama Drive
Victoria, TX 77904

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William C. Lefurgey
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Yoakum, TX 77995

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Denver, CO 80217

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C/O Donna Knothe
302 West 2 Street
Paxton, NE 69155

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Edgar Stephen Cord Hummel,
Trustee of the Edgar Stephen Cord Hummel
Living Trust
1620 Catalpa Lane
Reno, NV 89511

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21:19pm*

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William Cord Hummel,
Trustee of the William Cord Hummel
Living Trust dated 8/3/2001
345 Park Ridge
Boerne, TX 78006

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Slobhan Wheeling
Spencer Fano LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752

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9414 8149 0223 9333 0056 02

Peter Russell Kirk Hummel, Trustee of the
Peter Russell Kirk Russell
Living Trust dated 2/6/2001
2140 Green Tree Lane
Reno, NV 89511

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Virginia Michelle Hummel Arrington, Trustee of the
Virginia Michelle Hummel
Living Trust dated 9/9/2005
74136 Via Venezia
Palm Desert, CA 92260

*Delivered
9/13/2024*

Shipper Ref: 9015326.0024

USPS CERTIFIED MAIL

Siobhan Wheeling
Spencer Fane LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752



9414 8149 0223 9333 0056 26

Eagle Trust UTA dated 11/9/2006,
as amended
P. O. Box 10350
Reno, NV 89510

Shipper Ref: 9015326.0024

Aug 26, 9:07 AM

Siobhan Wheeling
Spencer Fano LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752

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9414 8149 0223 9333 0056 33

Richardson Mineral & Royalty, LLC
P. O. Box 2423
Roswell, NM 88202

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Aug 27,
9:58 AM

Slobhan Wheeling
Spencer Fane LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752

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9414 8149 0223 9333 0056 40

Tim Cavanaugh
7217 Hollis Street NE
Albuquerque, NM 87109

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Aug 26, 11:14 AM

Siobhan Wheeling
Spencer Fano LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752

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9414 8149 0223 9333 0056 57

Colleen Blackman
151 N Roadrunner Parkway, Apt. 322
Las Cruces, NM 88011

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Aug 27, 12:27 PM

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9414 8149 0223 9333 0056 64

Siobhan Wheeling
Spencer Fano LLP
225 West Santa Clara St. 1500
San Jose, CA 95113-1752

Cathy Jones
13401 Riverside Drive, Apt. 209
Sherman, CA 91423

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Aug 26, 1:15 PM

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Siobhan Wheeling
Spencer Fane LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752



9414 8149 0223 9333 0056 71

L. S. Henry, LLC
P. O. Box 742735
Dallas, TX 75347

Handwritten: Thru 8/30/24

Shipper Ref: 9015326.0024

Siobhan Wheeling
Sponsor Fano LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752

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9414 8149 0223 9333 0056 88

Mountain Lion Oil and Gas, LLC
7941 Katy Freeway, #117
Houston, TX 77024

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*Transferred
9/13/24*

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9414 8149 0223 9333 0056 95

Siobhan Wheeling
Spencer Fano LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752

Rockwood Resources, LLC
P. O. Box 2250
Sulphur Springs, TX 75483

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*Delivery attempt
Sept 11*

USPS CERTIFIED MAIL



9414 8149 0223 9333 0057 01

Siobhan Wheeling
Spencer Fano LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752

Wing Resources VII, LLC
2100 McKinney Avenue, Suite 1540
Dallas, TX 75201

Shipper Ref: 9015326.0024

Aug 27
10:50 AM

Slothman Wheeling
Spencer Fano LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752

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9414 8149 0223 9333 0057 18

Charles R. Wiggins
P. O. Box 10862
Midland, TX 79202

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Aug 27
11:57

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Siobhan Wheeling
Spencer Fano LLP
225 West Santa Clara St. 1500
San Jose, CA 95113-1752



9414 8149 0223 9333 0057 25

Lewis A. Woodall Living Trust,
dated September 15, 2000
503 Coachouse Court
Louisville, KY 40223

Shipper Ref: 9015326.0024

Aug 26, 2:07

Siobhan Wheeling
Spencer Fano LLP
225 West Santa Clara St. 1500
San Jose, CA 95113-1752

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9414 8149 0223 9333 0057 32

Richard A. Woodall
P. O. Box 9513
Bakersfield, CA 93389

Shipper Ref: 9015326.0024

Aug 29, 2024

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9414 8149 0223 9333 0057 49

Siobhan Wheeling
Spencer Fano LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752

E W Evans Jr, Noble Windom Royalties, LLC
7815 N CEDAR WAY
PARK CITY, UT 84098

Shipper Ref: 9015326.0024

*Delivered
9/13/24*

Siobhan Wheeling
Spencer Fano LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752

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9414 8149 0223 9333 0057 56

Noble Royalty Access Fund I LP
15303 DALLAS PARKWAY, SUITE 1350
ADDISON, TX 75001

Shipper Ref: 9015326.0024

Aug 27, 2024 9:32

Siobhan Wheeling
Spencer Fano LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752

USPS CERTIFIED MAIL



9414 8149 0223 9333 0057 63

Noble Royalty Access Fund II LP
16303 DALLAS PARKWAY, SUITE 1350
ADDISON, TX 75001

Shipper Ref: 9015326.0024

Aug 27 9:32

USPS CERTIFIED MAIL



9414 8149 0223 9333 0057 70

Siobhan Wheeling
Spencer Fano LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752

Noble Royalty Access Fund X LP
15303 DALLAS PARKWAY, SUITE 1350
ADDISON, TX 75001

Shipper Ref: 9015326-0024

Aug 27, 9:32

Siobhan Wheeling
Spencer Fano LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752

USPS CERTIFIED MAIL



9414 8149 0223 9333 0057 87

N Noble FLP LLP
15303 DALLAS PARKWAY, SUITE 1350
ADDISON, TX 75001

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Aug 57, 2024
9:32. AM

USPS CERTIFIED MAIL

Siobhan Wheeling
Spencer Fano LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752



9414 8149 0223 9333 0055 72

Errett Allan Hummel
Trustee of the Errett Allan Hummel Living Trust
7263 Blue Falls Circle
Reno, NV 89511

Shipper Ref:

9015326.0024

*Delivered
9/13/24*

Siobhan Wheeling
Spencer Fano LLP
225 West Santa Clara St # 1500
San Jose, CA 95113-1752

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9414 8149 0223 9333 0051 69

OXY Y-1 Co.
5 EAST GREENWAY PLAZA, SUITE 110
HOUSTON, TX 77046

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Aug 27,
10:42

Siobhan Wheeling
Spencer Fano LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752

USPS CERTIFIED MAIL



9414 8149 0223 9333 0051 76

Chi Energy, Inc.
P.O. BOX 1799
MIDLAND, TX 79702-1799

Shipper Ref:

9015326.0024

*Delivered
a/b/mt
Sept 12*

Siobhan Wheeling
Spencer Fano LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752

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9414 8149 0223 9333 0051 52

Tap Rock Resources III, LLC
523 PARK POINT DRIVE, SUITE 200
GOLDEN, CO 80401

Shipper Ref: 9015326.0024

*Aug 26,
12:41 pm*

Siobhan Wheeling
Spencer Fano LLP
225 West Santa Clara Ste 1500
San Jose, CA 95113-1752

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9414 8149 0223 9333 0058 31

Michael Aaron Mills
6343 Isabel Cove Ave
Las Vegas, NV 89139-6267

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Aug 29,
12:08 PM

AFFIDAVIT OF PUBLICATION

CARLSBAD CURRENT-ARGUS
PO BOX 507
HUTCHINSON, KS 67504-0507

STATE OF NEW MEXICO } SS
COUNTY OF EDDY }

Account Number: 1006
Ad Number: 11040
Description: Case #24807-24810
Ad Cost: \$380.40

Nicole Bitton, being first duly sworn, says:

That she is the Agent of the the Carlsbad Current-Argus, a Weekly newspaper of general circulation, printed and published in Carlsbad, Eddy County, New Mexico; that the publication, a copy of which is attached hereto, was published in said newspaper on the following dates:

August 29, 2024

That said newspaper was regularly issued and circulated on those dates.
SIGNED:

N Bitton

Agent

Subscribed to and sworn to me this 29th day of August 2024.

KELLI METZGER
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES OCTOBER 19, 2024

Kelli Metzger

Notary Public

Van Wert County *Ohio*

ID#: _____

My commission expires: *Oct. 19, 2024*

DAVID ORTIZ
SPENCER FANE LLP
325 PASEO DE PERALTA
SANTA FE, NM 87501-1860

EXHIBIT C-2

NOTICE

To the following entities, individuals, their heirs, personal representatives, trustees, successors or assigns, and any other uncommitted mineral owners:

Occidental Permian, LP; OXY USA WTP, LP; BP America Production Company; EOG Resources, Inc.; ZPZ Delaware, LLC; Marathon Oil Corporation; WPX Energy Permian, LLC; I & L Development Co.; J. Cleo Thompson & James Cleo Thompson, Jr., LP; Harvard Petroleum Company, LLC; Devon Energy Production Company; Permian Resources Operating, LLC; Mark Wilson Family Partnership, LP; Tap Rock Resources III, LLC; OXY Y-1 Co.; Chi Energy, Inc.; Ergodic Resources, LLC; Abuelo, LLC; Mark E. Boling Revocable Trust; Silverhair, LLC; Loco Hills Production Company, LLC; Mark Wilson Family Partnership, L.P.; Rio Pecos Corporation; TWR IV, LLC; Cannon Exploration Co.; Hollyhock Corp.; Tara-Jon Corp.; Lowe Royalty Partners, LP; Chi Energy, Inc.; C. Mark Wheeler; John Kyle Thoma, Trustee of the Cornerstone Family Trust; Paul R. Barwis; Jareed Partners, Ltd.; Penwell Employee Royalty Pool; Slayton Investments, LLC; EOG Resources, Inc.; Colgate Royalties, LP; Yates Brothers, a partnership composed of Harvey E. Yates, Martin Yates, III, S.P. Yates and John A. Yates; Estate of Thelma R. Schneider, c/o Michael Aaron Mills; Javier Arturo Lujan; Estate of Bernard W. Schneider, c/o Jo Lynn Schneider; Midland AOG Partners, Ltd.; Cole L. Oliver; Estate of Myrtle Lee Schneider McLaughlin, c/o John Cecil Fox; Estate of Mrs. Hester Terpening, c/o William L. Terpening, Sr. or Jerry C. Terpening; Estate of Elizabeth J. Schneider Fullingim, c/o Darrell Edward Fullingim; Estate of Ivan Charles Schneider, c/o Michael Ivan Schneider; Francis D. Schneider; Tom Ross Atkinson; Grace Ann Atkinson Buchanan; Rebecca S. Lefurgey Wade; William C. Lefurgey; John Stallings Atkinson; Jesse Dale Atkinson; Blanche Widaman Trust, Wells Fargo Bank, N.A.; Estate of Greta M. Edgington, c/o Donna Knothe; Errett Allan Hummel, Trustee of the Errett Allan Hummel Living Trust; Edgar Stephen Cord Hummel, Trustee of the Edgar Stephen Cord Hummel Living Trust; William Cord Hummel, Trustee of the William Cord Hummel Living Trust dated 8/3/2001; Peter Russell Kirk Hummel, Trustee of the Peter Russell Kirk Russell Living Trust dated 2/6/2001; Virginia Michelle Hummel Arrington, Trustee of the Virginia Michelle Hummel Living Trust dated 9/9/2005; Eagle Trust UTA dated 11/9/2006, as amended; Richardson Mineral & Royalty, LLC; Tim Cavanaugh; Colleen Blackman; Cathy Jones; L. S. Henry, LLC; Mountain Lion Oil and Gas, LLC; Rockwood Resources, LLC; Wing Resources VII, LLC; Charles R. Wiggins; Lewis A. Woodall Living Trust dated September 15, 2000; Richard A. Woodall; E W Evans Jr, Noble Windom Royalties, LLC; Noble Royalties, Inc.; Compass Royalty Management; Windom Royalties, LLC; and New Mexico State Land Office.

Flat Creek Resources, LLC, has filed an application with the New Mexico Oil Conservation Division as follows:

Case No. 24807: Application of Flat Creek Resources, LLC for Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Division pooling all uncommitted mineral interests in the Bone Spring formation in a standard 240-acre, more or less, horizontal spacing and proration unit ("HSU"), comprised of the N/2 NW/4 of Section 13 and N/2 N/2 of Section 14, Township 19 South, Range 27 East, in Eddy County, New Mexico. Applicant proposes to drill the following well in the HSU: Cardigan State Com 131H well, to be horizontally drilled from a surface hole location approximately 530' FNL and 1,420' FWL of Section 13, T19S-R27E to a bottomhole location approximately 455' FNL and 100' FWL of Section 14, T19S-R27E. The completed interval and first and last take points will meet statewide setback requirements for horizontal oil wells. 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 Operator of the well, and a 200% charge for the risk involved in drilling and completing the well. The well and land are approximately 14 miles Southwest of Loco Hills, New Mexico.

Case No. 24808: Application of Flat Creek Resources, LLC for Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Division pooling all uncommitted mineral interests in the Bone Spring formation in a standard 320-acre, more or less, horizontal spacing and proration unit ("HSU"), comprised of the S/2 NW/4 of Section 13, S/2 N/2 of Section 14, and the S/2 NE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico. Applicant proposes to drill the following well in the HSU: Cardigan State Com 132H well, to be horizontally drilled from a surface hole location approximately 2,083' FSL and 1,766' FWL of Section 13, T19S-R27E to a bottom hole location approximately 1,730' FNL

and 2,547' FEL of Section 15, T19S-R27E. The completed interval and first and last take points will meet statewide setback requirements for horizontal oil wells. 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 Operator of the well, and a 200% charge for the risk involved in drilling and completing the well. The well and land are approximately 14 miles Southwest of Loco Hills, New Mexico.

Case No. 24809: Application of Flat Creek Resources, LLC for Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Division pooling all uncommitted mineral interests in the Bone Spring formation in a standard 320-acre, more or less, horizontal spacing and proration unit ("HSU"), comprised of the N/2 SW/4 of Section 13, the N/2 S/2 of Section 14, and the N/2 SE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico. Applicant proposes to drill the following well in the HSU: Cardigan State Com 132H well, to be horizontally drilled from a surface hole location approximately 2,053' FSL and 1,766' FWL of Section 13, T19S-R27E to a bottom hole location approximately 1,883' FSL and 2,545' FEL of Section 15, T19S-R27E. The completed interval and first and last take points will meet statewide setback requirements for horizontal oil wells. 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 Operator of the well, and a 200% charge for the risk involved in drilling and completing the well. The well and land are approximately 14 miles Southwest of Loco Hills, New Mexico.

Case No. 24810: Application of Flat Creek Resources, LLC for Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Division pooling all uncommitted mineral interests in the Bone Spring formation in a standard 320-acre, more or less, horizontal spacing and proration unit ("HSU"), comprised of the S/2 SW/4 of Section 13, the S/2 S/2 of Section 14, and the S/2 SE/4 of Section 15, Township 19 South, Range 27 East, in Eddy County, New Mexico. Applicant proposes to drill the following well in the HSU: Cardigan State Com 132H well, to be horizontally drilled from a surface hole location 2,023' FSL and 1,765' FWL of Section 13, T19S-R27E to a bottom hole location approximately 383' FSL and 2,543' FEL of Section 15, T19S-R27E. The completed interval and first and last take points will meet statewide setback requirements for horizontal oil wells. 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 Operator of the well, and a 200% charge for the risk involved in drilling and completing the well. The well and land are approximately 14 miles Southwest of Loco Hills, New Mexico.

The application is set for hearing before a Division Examiner at the New Mexico Oil Conservation Division on September 12, 2024, beginning at 8:30 a.m. Hearings are currently conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via the WebEx virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <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, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging this application at a later time. If you intend to present testimony or evidence at the hearing, you must enter your appearance eight days before the hearing, no later than September 4, 2024, and serve the Division, counsel for the Applicant, and other parties with a pre-hearing statement seven days before the hearing, no later than September 5, 2024, in accordance with Division Rule 19.15.4.13 NMAC. For further information, contact the applicant's attorney, Sharon T. Shaheen, Spencer Fane LLP, 325 Paseo de Peralta, Santa Fe, New Mexico 87501, (505) 986-2678.

11040-Published in the Carlsbad Current-Argus on Aug 29, 2024.