



March 1, 2022

Bureau of Land Management
Farmington Resource Area
6251 College Boulevard, Suite A
Farmington, New Mexico 87402

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, New Mexico 87501-1148

Oil Conservation Division
State of New Mexico
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

**2022 PLAN OF DEVELOPMENT
FOR THE SAN JUAN 32-8 UNIT
NO. 14-08-001-446
SAN JUAN COUNTY, NEW MEXICO**

Pursuant to Section 10 of the San Juan 32-8 Unit Agreement, Hilcorp Energy Company ("Hilcorp"), as Unit Operator, hereby submits the proposed 2022 Plan of Development and Operations ("2022 POD").

I. PERIOD

This plan will be effective from April 1, 2022, through March 31, 2023. The 2023 Plan will be submitted on or before March 1, 2023.

II. 2021 PLAN REVIEW OF OPERATIONS

A summary of key activities undertaken in 2021 include:

A. Production History: During 2021, approximate cumulative production from the San Juan 32-8 Unit was 11.68 BCF; 0.02 MBO; 94.20 MBW.

- a. Refer to Exhibit A attached for a listing of all wells in the San Juan 32-8 Unit.
- b. Refer to Exhibit A-1 for a table summary of wells/production by formation.

B. Participating Areas: The Participating Areas currently established in the San Juan 32-8 Unit are:

Formation	Expansion	Effective Date
Fruitland Coal	032	December 1, 2005
Pictured Cliffs	002	September 1, 2006
Mesaverde	024	September 1, 2009
Dakota	005	September 1, 2008

C. Drilling Program: The 2021 POD filed by Hilcorp (or amendments thereto) provided for no activity. Further, Hilcorp did not complete any drilling projects; therefore there is no status update to provide for 2022 development.

D. Workovers/Recompletion Program: Key activities included twenty-six (26) workover projects with zero (0) recompletes as outlined in the following table:

Well Name	API	Section	Township	Range	Formation	Type
San Juan 32-8 Unit 223	30-045-27869	10	031-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 223	30-045-27869	10	031-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 247	30-045-29761	19	032-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 247	30-045-29761	19	032-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 254H	30-045-35882	23	032-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 34	30-045-33150	22	031-N	008-W	Mesaverde	Well Work
San Juan 32-8 Unit 254A	30-045-32175	23	032-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 207A	30-045-33898	21	031-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 256A	30-045-31669	25	032-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 230A	30-045-31661	28	032-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 261A	30-045-32752	17	032-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 264H	30-045-30985	9	032-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 254H	30-045-35882	23	032-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 226	30-045-27868	15	031-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 238	30-045-28132	23	031-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 234	30-045-28324	21	031-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 45A	30-045-30301	14	032-N	008-W	Mesaverde	Well Work
San Juan 32-8 Unit 231A	30-045-31628	28	032-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 232A	30-045-31339	29	032-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 263A	30-045-32796	15	032-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 234A	30-045-32118	21	031-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 15N	30-045-35170	24	031-N	008-W	Mesaverde	Well Work
San Juan 32-8 Unit 223A	30-045-32152	10	031-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 226	30-045-27868	15	031-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 254H	30-045-35882	23	032-N	008-W	Fruitland Coal	Well Work
San Juan 32-8 Unit 203	30-045-28720	33	032-N	008-W	Fruitland Coal	Well Work

E. Facility Program: Hilcorp completed the following facility work in 2021.

Well Name	API	Section	Township	Range	Formation	Work Description
San Juan 32-8 Unit 303 SWD	30-045-28703	14	031-N	008-W	NA	Packer Repair

F. Plugging & Abandonment Program: The 2021 POD filed by Hilcorp (or amendments thereto) did not indicate anticipated activity. Further, Hilcorp did not complete any plugging/abandonment projects; therefore, there is no status update to provide for 2022.

III. 2022 PLAN OF DEVELOPMENT AND OPERATIONS

A summary of key activities planned for 2022 includes:

A. Drilling Program: Hilcorp does not anticipate drilling any new wells in the San Juan 32-8 Unit. New drill opportunities will be evaluated and executed as they arise.

B. Workovers/Recompletion Program: Hilcorp has no near-term plans for recompletions in the San Juan 32-8 Unit. Throughout 2022, Hilcorp will evaluate and implement additional well repairs

and/or rig workover projects as they arise.

C. Facility Program: Throughout 2022, Hilcorp will conduct routine repairs and replacement of facilities required to maintain and increase field production, including construction of additional gas lift lines and/or gas flow lines, expansion of production facilities (including electrical and piping upgrades), and construction of additional water disposal, injection or processing equipment.

D. Plugging & Abandonment Program: Hilcorp does not anticipate plugging/abandoning any wells in the San Juan 32-8 Unit currently. Hilcorp will evaluate and implement additional P&A projects as they arise.

In accordance with Section 10 of the Unit Agreement, please provide your approvals by executing and returning a copy of this letter to the undersigned.

Please contact the undersigned should any questions arise regarding this matter.

Sincerely,



Rob Carlson
Senior Landman – SJN
Hilcorp Energy Company
832.839.4596
rcarlson@hilcorp.com

cc: Working Interest Owners:

AMELIA C KELLY
ANDREW B KELLY JR
ENDURING RESOURCES IV LLC
LOGOS RESOURCES II LLC
SUSANNA P KELLY JR
SPEEREX LIMITED PARTNERSHIP
SUSANNA PHILLIPS KELLY
WINTERGREEN ENERGY CORP

**SAN JUAN 32-8 UNIT
2022 PLAN OF DEVELOPMENT APPROVALS**

Bureau of Land Management

Date

New Mexico Oil Conservation Division

Date

New Mexico Commissioner of Public Lands

Date

**SAN JUAN 32-8 UNIT
WORKING INTEREST OWNERS**

AMELIA C KELLY
ANDREW B KELLY JR
ENDURING RESOURCES IV LLC
HILCORP ENERGY COMPANY
LOGOS RESOURCES II LLC
SUSANNA P KELLY JR
SPEEREX LIMITED PARTNERSHIP
SUSANNA PHILLIPS KELLY
WINTERGREEN ENERGY CORP



EXHIBIT "A"

WELLS IN THE SAN JUAN 32-8 UNIT

API #	WELL NAME	POOL/FORMATION	STATUS	ST	COUNTY	SEC	TWP	RGE	QTR	OPERATOR
3004510850	San Juan 32-8 Unit 005	Blanco-Mesaverde	Flowing	NM	San Juan	10	031N	008W	SESW	Hilcorp Energy Company
3004534286	San Juan 32-8 Unit 005A	Blanco-Mesaverde	Flowing	NM	San Juan	10	031N	008W	NWNW	Hilcorp Energy Company
3004525125	San Juan 32-8 Unit 007A	Blanco-Mesaverde	Flowing	NM	San Juan	22	031N	008W	NWNW	Hilcorp Energy Company
3004533307	San Juan 32-8 Unit 007M	Basin Dakota	Flowing	NM	San Juan	21	031N	008W	SENE	Hilcorp Energy Company
3004533307	San Juan 32-8 Unit 007M	Blanco-Mesaverde	Flowing	NM	San Juan	21	031N	008W	SENE	Hilcorp Energy Company
3004510578	San Juan 32-8 Unit 008	Blanco-Mesaverde	Flowing	NM	San Juan	22	031N	008W	SENE	Hilcorp Energy Company
3004525126	San Juan 32-8 Unit 008A	Blanco-Mesaverde	Flowing	NM	San Juan	22	031N	008W	SESE	Hilcorp Energy Company
3004510562	San Juan 32-8 Unit 010	Blanco-Mesaverde	Flowing	NM	San Juan	24	031N	008W	SENE	Hilcorp Energy Company
3004534605	San Juan 32-8 Unit 010A	Basin Dakota	Flowing	NM	San Juan	24	031N	008W	SWSE	Hilcorp Energy Company
3004534605	San Juan 32-8 Unit 010A	Blanco-Mesaverde	Flowing	NM	San Juan	24	031N	008W	SWSE	Hilcorp Energy Company
3004531085	San Juan 32-8 Unit 010M	Basin Dakota	Flowing	NM	San Juan	24	031N	008W	SWSE	Hilcorp Energy Company
3004531085	San Juan 32-8 Unit 010M	Blanco-Mesaverde	Flowing	NM	San Juan	24	031N	008W	SWSE	Hilcorp Energy Company
3004510575	San Juan 32-8 Unit 011	Blanco-Mesaverde	Flowing	NM	San Juan	21	031N	008W	SWNE	Hilcorp Energy Company
3004525230	San Juan 32-8 Unit 011A	Basin Dakota	Flowing	NM	San Juan	21	031N	008W	NESE	Hilcorp Energy Company
3004525230	San Juan 32-8 Unit 011A	Blanco-Mesaverde	Flowing	NM	San Juan	21	031N	008W	NESE	Hilcorp Energy Company
3004510460	San Juan 32-8 Unit 012	Blanco-Mesaverde	Flowing	NM	San Juan	21	031N	008W	SWSW	Hilcorp Energy Company
3004524541	San Juan 32-8 Unit 012A	Basin Dakota	Flowing	NM	San Juan	21	031N	008W	SWNW	Hilcorp Energy Company
3004524541	San Juan 32-8 Unit 012A	Blanco-Mesaverde	Flowing	NM	San Juan	21	031N	008W	SWNW	Hilcorp Energy Company
3004531047	San Juan 32-8 Unit 012B	Blanco-Mesaverde	Flowing	NM	San Juan	21	031N	008W	NENW	Hilcorp Energy Company
3004533114	San Juan 32-8 Unit 012F	Basin Dakota	Flowing	NM	San Juan	21	031N	008W	NESW	Hilcorp Energy Company
3004533114	San Juan 32-8 Unit 012F	Blanco-Mesaverde	Flowing	NM	San Juan	21	031N	008W	NESW	Hilcorp Energy Company
3004513132	San Juan 32-8 Unit 013	Blanco-Mesaverde	Flowing	NM	San Juan	9	031N	008W	SWSW	Hilcorp Energy Company
3004534058	San Juan 32-8 Unit 013A	Blanco-Mesaverde	Flowing	NM	San Juan	9	031N	008W	SWNW	Hilcorp Energy Company
3004511135	San Juan 32-8 Unit 014	Blanco-Mesaverde	Flowing	NM	San Juan	34	032N	008W	NESW	Hilcorp Energy Company
3004510457	San Juan 32-8 Unit 015	Blanco-Mesaverde	Flowing	NM	San Juan	24	031N	008W	SWSW	Hilcorp Energy Company
3004530408	San Juan 32-8 Unit 015A	Blanco-Mesaverde	Flowing	NM	San Juan	24	031N	008W	SWNW	Hilcorp Energy Company
3004533772	San Juan 32-8 Unit 015M	Basin Dakota	Flowing	NM	San Juan	24	031N	008W	SENV	Hilcorp Energy Company
3004533772	San Juan 32-8 Unit 015M	Blanco-Mesaverde	Flowing	NM	San Juan	24	031N	008W	SENV	Hilcorp Energy Company

San Juan 32-8 Unit
2022 Plan of Development

3004535170	San Juan 32-8 Unit 015N	Basin Dakota	Flowing	NM	San Juan	24	031N	008W	NWSW	Hilcorp Energy Company
3004535170	San Juan 32-8 Unit 015N	Blanco-Mesaverde	Flowing	NM	San Juan	24	031N	008W	NWSW	Hilcorp Energy Company
3004510700	San Juan 32-8 Unit 016	Blanco-Mesaverde	Flowing	NM	San Juan	15	031N	008W	SWSW	Hilcorp Energy Company
3004530412	San Juan 32-8 Unit 016A	Blanco-Mesaverde	Flowing	NM	San Juan	15	031N	008W	NENW	Hilcorp Energy Company
3004534506	San Juan 32-8 Unit 016B	Blanco-Mesaverde	Flowing	NM	San Juan	15	031N	008W	SENW	Hilcorp Energy Company
3004533699	San Juan 32-8 Unit 016M	Basin Dakota	Flowing	NM	San Juan	15	031N	008W	NWNW	Hilcorp Energy Company
3004533699	San Juan 32-8 Unit 016M	Blanco-Mesaverde	Flowing	NM	San Juan	15	031N	008W	NWNW	Hilcorp Energy Company
3004510434	San Juan 32-8 Unit 017	Blanco-Mesaverde	Flowing	NM	San Juan	23	031N	008W	SWSW	Hilcorp Energy Company
3004533547	San Juan 32-8 Unit 017B	Blanco-Mesaverde	Flowing	NM	San Juan	23	031N	008W	NWSW	Hilcorp Energy Company
3004533681	San Juan 32-8 Unit 017C	Blanco-Mesaverde	Flowing	NM	San Juan	23	031N	008W	SENW	Hilcorp Energy Company
3004530968	San Juan 32-8 Unit 017M	Basin Dakota	Flowing	NM	San Juan	23	031N	008W	SWNW	Hilcorp Energy Company
3004530968	San Juan 32-8 Unit 017M	Blanco-Mesaverde	Flowing	NM	San Juan	23	031N	008W	SWNW	Hilcorp Energy Company
3004534152	San Juan 32-8 Unit 018	Basin Dakota	Flowing	NM	San Juan	11	031N	008W	SESW	Hilcorp Energy Company
3004534152	San Juan 32-8 Unit 018	Blanco-Mesaverde	Flowing	NM	San Juan	11	031N	008W	SESW	Hilcorp Energy Company
3004534427	San Juan 32-8 Unit 018M	Blanco-Mesaverde	Flowing	NM	San Juan	11	031N	008W	SENW	Hilcorp Energy Company
3004534588	San Juan 32-8 Unit 018N	Basin Dakota	Flowing	NM	San Juan	11	031N	008W	NWSW	Hilcorp Energy Company
3004534588	San Juan 32-8 Unit 018N	Blanco-Mesaverde	Flowing	NM	San Juan	11	031N	008W	NWSW	Hilcorp Energy Company
3004511000	San Juan 32-8 Unit 019	Blanco-Mesaverde	Flowing	NM	San Juan	3	031N	008W	SWSW	Hilcorp Energy Company
3004534353	San Juan 32-8 Unit 019A	Blanco-Mesaverde	Flowing	NM	San Juan	3	031N	008W	SWNW	Hilcorp Energy Company
3004511025	San Juan 32-8 Unit 020	Blanco-Mesaverde	Flowing	NM	San Juan	4	031N	008W	NWSW	Hilcorp Energy Company
3004524499	San Juan 32-8 Unit 020A	Blanco-Mesaverde	Flowing	NM	San Juan	4	031N	008W	SWNW	Hilcorp Energy Company
3004510781	San Juan 32-8 Unit 021	Blanco-Mesaverde	Flowing	NM	San Juan	15	031N	008W	NENE	Hilcorp Energy Company
3004530966	San Juan 32-8 Unit 021A	Blanco-Mesaverde	Flowing	NM	San Juan	15	031N	008W	SWSE	Hilcorp Energy Company
3004533700	San Juan 32-8 Unit 021B	Blanco-Mesaverde	Flowing	NM	San Juan	15	031N	008W	SENE	Hilcorp Energy Company
3004535084	San Juan 32-8 Unit 021C	Basin Dakota	Flowing	NM	San Juan	15	031N	008W	SESE	Hilcorp Energy Company
3004535084	San Juan 32-8 Unit 021C	Blanco-Mesaverde	Flowing	NM	San Juan	15	031N	008W	SESE	Hilcorp Energy Company
3004534098	San Juan 32-8 Unit 022A	Blanco-Mesaverde	Flowing	NM	San Juan	4	031N	008W	SESE	Hilcorp Energy Company
3004510675	San Juan 32-8 Unit 023	Blanco-Mesaverde	Flowing	NM	San Juan	14	031N	008W	SESW	Hilcorp Energy Company
3004530967	San Juan 32-8 Unit 023M	Basin Dakota	Flowing	NM	San Juan	14	031N	008W	NWNW	Hilcorp Energy Company
3004530967	San Juan 32-8 Unit 023M	Blanco-Mesaverde	Flowing	NM	San Juan	14	031N	008W	NWNW	Hilcorp Energy Company
3004511377	San Juan 32-8 Unit 024	Blanco-Mesaverde	Flowing	NM	San Juan	19	032N	008W	NENE	Hilcorp Energy Company
3004511184	San Juan 32-8 Unit 025	Blanco-Mesaverde	Flowing	NM	San Juan	33	032N	008W	NWNE	Hilcorp Energy Company

San Juan 32-8 Unit
2022 Plan of Development

3004535118	San Juan 32-8 Unit 025A	Basin Dakota	Flowing	NM	San Juan	33	032N	008W	SESE	Hilcorp Energy Company
3004535118	San Juan 32-8 Unit 025A	Blanco-Mesaverde	Flowing	NM	San Juan	33	032N	008W	SESE	Hilcorp Energy Company
3004510687	San Juan 32-8 Unit 026	Blanco-Mesaverde	Flowing	NM	San Juan	16	031N	008W	SWSW	Hilcorp Energy Company
3004530298	San Juan 32-8 Unit 026A	Blanco-Mesaverde	Flowing	NM	San Juan	16	031N	008W	NENW	Hilcorp Energy Company
3004533530	San Juan 32-8 Unit 026B	Blanco-Mesaverde	Flowing	NM	San Juan	16	031N	008W	NESW	Hilcorp Energy Company
3004533531	San Juan 32-8 Unit 026C	Blanco-Mesaverde	Flowing	NM	San Juan	16	031N	008W	SWNW	Hilcorp Energy Company
3004530979	San Juan 32-8 Unit 028A	Blanco-Mesaverde	Flowing	NM	San Juan	16	031N	008W	NWSE	Hilcorp Energy Company
3004533544	San Juan 32-8 Unit 028B	Blanco-Mesaverde	Flowing	NM	San Juan	16	031N	008W	NENE	Hilcorp Energy Company
3004534093	San Juan 32-8 Unit 029	Basin Dakota	Flowing	NM	San Juan	11	031N	008W	SENW	Hilcorp Energy Company
3004534093	San Juan 32-8 Unit 029	Blanco-Mesaverde	Flowing	NM	San Juan	11	031N	008W	SENW	Hilcorp Energy Company
3004534075	San Juan 32-8 Unit 029M	Basin Dakota	Flowing	NM	San Juan	11	031N	008W	SESE	Hilcorp Energy Company
3004534075	San Juan 32-8 Unit 029M	Blanco-Mesaverde	Flowing	NM	San Juan	11	031N	008W	SESE	Hilcorp Energy Company
3004535072	San Juan 32-8 Unit 029P	Basin Dakota	Flowing	NM	San Juan	11	031N	008W	SWSE	Hilcorp Energy Company
3004535072	San Juan 32-8 Unit 029P	Blanco-Mesaverde	Flowing	NM	San Juan	11	031N	008W	SWSE	Hilcorp Energy Company
3004534057	San Juan 32-8 Unit 030M	Basin Dakota	Flowing	NM	San Juan	14	031N	008W	SWSE	Hilcorp Energy Company
3004534057	San Juan 32-8 Unit 030M	Blanco-Mesaverde	Flowing	NM	San Juan	14	031N	008W	SWSE	Hilcorp Energy Company
3004511331	San Juan 32-8 Unit 031	Blanco-Mesaverde	Flowing	NM	San Juan	22	032N	008W	NWSW	Hilcorp Energy Company
3004533282	San Juan 32-8 Unit 032	Basin Dakota	Flowing	NM	San Juan	16	031N	008W	SESE	Hilcorp Energy Company
3004533282	San Juan 32-8 Unit 032	Blanco-Mesaverde	Flowing	NM	San Juan	16	031N	008W	SESE	Hilcorp Energy Company
3004533282	San Juan 32-8 Unit 032	Blanco-Mesaverde	Flowing	NM	San Juan	16	031N	008W	SESE	Hilcorp Energy Company
3004510943	San Juan 32-8 Unit 033	Blanco-Mesaverde	Flowing	NM	San Juan	9	031N	008W	NENE	Hilcorp Energy Company
3004533163	San Juan 32-8 Unit 033A	Blanco-Mesaverde	Flowing	NM	San Juan	9	031N	008W	SWSE	Hilcorp Energy Company
3004533150	San Juan 32-8 Unit 034	Basin Dakota	Flowing	NM	San Juan	22	031N	008W	NWNE	Hilcorp Energy Company
3004533150	San Juan 32-8 Unit 034	Blanco-Mesaverde	Flowing	NM	San Juan	22	031N	008W	NWNE	Hilcorp Energy Company
3004533113	San Juan 32-8 Unit 034M	Basin Dakota	Flowing	NM	San Juan	22	031N	008W	NWSE	Hilcorp Energy Company
3004533113	San Juan 32-8 Unit 034M	Blanco-Mesaverde	Flowing	NM	San Juan	22	031N	008W	NWSE	Hilcorp Energy Company
3004522171	San Juan 32-8 Unit 036	Los Pinos Fruitland Sand, North Gas	Flowing	NM	San Juan	25	032N	008W	SWNE	Hilcorp Energy Company
3004523141	San Juan 32-8 Unit 039	Blanco-Mesaverde	Flowing	NM	San Juan	3	031N	008W	NENE	Hilcorp Energy Company
3004534281	San Juan 32-8 Unit 039A	Blanco-Mesaverde	Flowing	NM	San Juan	3	031N	008W	NWSE	Hilcorp Energy Company
3004523635	San Juan 32-8 Unit 040	Blanco-Mesaverde	Flowing	NM	San Juan	33	032N	008W	SWSW	Hilcorp Energy Company
3004525131	San Juan 32-8 Unit 040A	Blanco-Mesaverde	Flowing	NM	San Juan	33	032N	008W	SWNW	Hilcorp Energy Company
3004534645	San Juan 32-8 Unit 041A	Basin Dakota	Flowing	NM	San Juan	23	032N	008W	SENW	Hilcorp Energy Company
3004534645	San Juan 32-8 Unit 041A	Blanco-Mesaverde	Flowing	NM	San Juan	23	032N	008W	SENW	Hilcorp Energy Company

San Juan 32-8 Unit
2022 Plan of Development

3004524468	San Juan 32-8 Unit 042	Blanco-Mesaverde	Flowing	NM	San Juan	10	031N	008W	NWNE	Hilcorp Energy Company
3004534146	San Juan 32-8 Unit 042A	Blanco-Mesaverde	Flowing	NM	San Juan	10	031N	008W	SESE	Hilcorp Energy Company
3004525128	San Juan 32-8 Unit 045	Blanco-Mesaverde	Flowing	NM	San Juan	14	032N	008W	NESW	Hilcorp Energy Company
3004525128	San Juan 32-8 Unit 045	Albino Pictured Cliffs	Flowing	NM	San Juan	14	032N	008W	NESW	Hilcorp Energy Company
3004530301	San Juan 32-8 Unit 045A	Blanco-Mesaverde	Flowing	NM	San Juan	14	032N	008W	SESW	Hilcorp Energy Company
3004530301	San Juan 32-8 Unit 045A	Albino Pictured Cliffs	Flowing	NM	San Juan	14	032N	008W	SESW	Hilcorp Energy Company
3004525127	San Juan 32-8 Unit 046	Blanco-Mesaverde	Flowing	NM	San Juan	14	032N	008W	SENE	Hilcorp Energy Company
3004525127	San Juan 32-8 Unit 046	Albino Pictured Cliffs	Flowing	NM	San Juan	14	032N	008W	SENE	Hilcorp Energy Company
3004530300	San Juan 32-8 Unit 046A	Blanco-Mesaverde	Flowing	NM	San Juan	14	032N	008W	NWSE	Hilcorp Energy Company
3004530300	San Juan 32-8 Unit 046A	Albino Pictured Cliffs	Flowing	NM	San Juan	14	032N	008W	NWSE	Hilcorp Energy Company
3004525130	San Juan 32-8 Unit 047	Blanco-Mesaverde	Flowing	NM	San Juan	30	032N	008W	NWSE	Hilcorp Energy Company
3004525394	San Juan 32-8 Unit 049	Blanco-Mesaverde	Flowing	NM	San Juan	15	032N	008W	NENE	Hilcorp Energy Company
3004525394	San Juan 32-8 Unit 049	Albino Pictured Cliffs	Flowing	NM	San Juan	15	032N	008W	NENE	Hilcorp Energy Company
3004534430	San Juan 32-8 Unit 049M	Basin Dakota	Flowing	NM	San Juan	15	032N	008W	NESE	Hilcorp Energy Company
3004534430	San Juan 32-8 Unit 049M	Blanco-Mesaverde	Flowing	NM	San Juan	15	032N	008W	NESE	Hilcorp Energy Company
3004526226	San Juan 32-8 Unit 050	Blanco-Mesaverde	Flowing	NM	San Juan	28	032N	008W	NWNW	Hilcorp Energy Company
3004527562	San Juan 32-8 Unit 202	Basin Fruitland Coal	Flowing	NM	San Juan	27	032N	008W	SWSW	Hilcorp Energy Company
3004531702	San Juan 32-8 Unit 202A	Basin Fruitland Coal	Flowing	NM	San Juan	27	032N	008W	SESW	Hilcorp Energy Company
3004528720	San Juan 32-8 Unit 203	Basin Fruitland Coal	Flowing	NM	San Juan	33	032N	008W	SWNE	Hilcorp Energy Company
3004531338	San Juan 32-8 Unit 203A	Basin Fruitland Coal	Flowing	NM	San Juan	33	032N	008W	SESE	Hilcorp Energy Company
3004528721	San Juan 32-8 Unit 204	Basin Fruitland Coal	Flowing	NM	San Juan	34	032N	008W	NWSW	Hilcorp Energy Company
3004531869	San Juan 32-8 Unit 204A	Basin Fruitland Coal	Flowing	NM	San Juan	34	032N	008W	NWNW	Hilcorp Energy Company
3004528769	San Juan 32-8 Unit 205	Basin Fruitland Coal	Flowing	NM	San Juan	34	032N	008W	SWNE	Hilcorp Energy Company
3004531667	San Juan 32-8 Unit 205A	Basin Fruitland Coal	Flowing	NM	San Juan	34	032N	008W	NESE	Hilcorp Energy Company
3004528251	San Juan 32-8 Unit 206	Basin Fruitland Coal	Flowing	NM	San Juan	24	031N	008W	SWNE	Hilcorp Energy Company
3004533308	San Juan 32-8 Unit 206A	Basin Fruitland Coal	Flowing	NM	San Juan	24	031N	008W	SWSE	Hilcorp Energy Company
3004533898	San Juan 32-8 Unit 207A	Basin Fruitland Coal	Flowing	NM	San Juan	21	031N	008W	SENE	Hilcorp Energy Company
3004527482	San Juan 32-8 Unit 208	Basin Fruitland Coal	Flowing	NM	San Juan	29	032N	008W	SESW	Hilcorp Energy Company
3004531862	San Juan 32-8 Unit 208A	Basin Fruitland Coal	Flowing	NM	San Juan	29	032N	008W	SWSE	Hilcorp Energy Company
3004529451	San Juan 32-8 Unit 213	Basin Fruitland Coal	Flowing	NM	San Juan	22	032N	008W	SESW	Hilcorp Energy Company
3004532899	San Juan 32-8 Unit 213A	Basin Fruitland Coal	Flowing	NM	San Juan	22	032N	008W	SWNW	Hilcorp Energy Company
3004526722	San Juan 32-8 Unit 218	Basin Fruitland Coal	Flowing	NM	San Juan	35	032N	008W	SWNE	Hilcorp Energy Company

San Juan 32-8 Unit
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3004531670	San Juan 32-8 Unit 216A	Basin Fruitland Coal	Flowing	NM	San Juan	35	032N	008W	SESE	Hilcorp Energy Company
3004528723	San Juan 32-8 Unit 219	Basin Fruitland Coal	Flowing	NM	San Juan	35	032N	008W	SWSW	Hilcorp Energy Company
3004531653	San Juan 32-8 Unit 219A	Basin Fruitland Coal	Flowing	NM	San Juan	35	032N	008W	NENW	Hilcorp Energy Company
3004528223	San Juan 32-8 Unit 220	Basin Fruitland Coal	Flowing	NM	San Juan	24	031N	008W	NWSW	Hilcorp Energy Company
3004532308	San Juan 32-8 Unit 220A	Basin Fruitland Coal	Flowing	NM	San Juan	24	031N	008W	NWNW	Hilcorp Energy Company
3004527920	San Juan 32-8 Unit 221	Basin Fruitland Coal	Flowing	NM	San Juan	9	031N	008W	SWSW	Hilcorp Energy Company
3004532406	San Juan 32-8 Unit 221A	Basin Fruitland Coal	Flowing	NM	San Juan	9	031N	008W	SWNW	Hilcorp Energy Company
3004527921	San Juan 32-8 Unit 222	Basin Fruitland Coal	Flowing	NM	San Juan	9	031N	008W	NENE	Hilcorp Energy Company
3004532166	San Juan 32-8 Unit 222A	Basin Fruitland Coal	Flowing	NM	San Juan	9	031N	008W	NWSE	Hilcorp Energy Company
3004527869	San Juan 32-8 Unit 223	Basin Fruitland Coal	Flowing	NM	San Juan	10	031N	008W	SESW	Hilcorp Energy Company
3004532152	San Juan 32-8 Unit 223A	Basin Fruitland Coal	Flowing	NM	San Juan	10	031N	008W	SWNW	Hilcorp Energy Company
3004527867	San Juan 32-8 Unit 224	Basin Fruitland Coal	Flowing	NM	San Juan	10	031N	008W	NWNE	Hilcorp Energy Company
3004532182	San Juan 32-8 Unit 224A	Basin Fruitland Coal	Flowing	NM	San Juan	10	031N	008W	SESE	Hilcorp Energy Company
3004528017	San Juan 32-8 Unit 225	Basin Fruitland Coal	Flowing	NM	San Juan	15	031N	008W	SWSW	Hilcorp Energy Company
3004532398	San Juan 32-8 Unit 225A	Basin Fruitland Coal	Flowing	NM	San Juan	15	031N	008W	NENW	Hilcorp Energy Company
3004527868	San Juan 32-8 Unit 226	Basin Fruitland Coal	Flowing	NM	San Juan	15	031N	008W	NENE	Hilcorp Energy Company
3004532294	San Juan 32-8 Unit 226A	Basin Fruitland Coal	Flowing	NM	San Juan	15	031N	008W	SESE	Hilcorp Energy Company
3004527776	San Juan 32-8 Unit 227	Basin Fruitland Coal	Flowing	NM	San Juan	16	031N	008W	NWSW	Hilcorp Energy Company
3004532104	San Juan 32-8 Unit 227A	Basin Fruitland Coal	Flowing	NM	San Juan	16	031N	008W	SWNW	Hilcorp Energy Company
3004527771	San Juan 32-8 Unit 228	Basin Fruitland Coal	Flowing	NM	San Juan	16	031N	008W	SWNE	Hilcorp Energy Company
3004532134	San Juan 32-8 Unit 228A	Basin Fruitland Coal	Flowing	NM	San Juan	16	031N	008W	NESE	Hilcorp Energy Company
3004527922	San Juan 32-8 Unit 229	Basin Fruitland Coal	Flowing	NM	San Juan	20	032N	008W	NWSW	Hilcorp Energy Company
3004531208	San Juan 32-8 Unit 229A	Basin Fruitland Coal	Flowing	NM	San Juan	20	032N	008W	NWNW	Hilcorp Energy Company
3004527970	San Juan 32-8 Unit 230	Basin Fruitland Coal	Flowing	NM	San Juan	28	032N	008W	SWNE	Hilcorp Energy Company
3004531861	San Juan 32-8 Unit 230A	Basin Fruitland Coal	Flowing	NM	San Juan	28	032N	008W	SWSE	Hilcorp Energy Company
3004527971	San Juan 32-8 Unit 231	Basin Fruitland Coal	Flowing	NM	San Juan	28	032N	008W	NWSW	Hilcorp Energy Company
3004531628	San Juan 32-8 Unit 231A	Basin Fruitland Coal	Flowing	NM	San Juan	28	032N	008W	NWNW	Hilcorp Energy Company
3004527923	San Juan 32-8 Unit 232	Basin Fruitland Coal	Flowing	NM	San Juan	29	032N	008W	SENE	Hilcorp Energy Company
3004531339	San Juan 32-8 Unit 232A	Basin Fruitland Coal	Flowing	NM	San Juan	29	032N	008W	SENW	Hilcorp Energy Company
3004527972	San Juan 32-8 Unit 233	Basin Fruitland Coal	Flowing	NM	San Juan	30	032N	008W	SWNE	Hilcorp Energy Company
3004532404	San Juan 32-8 Unit 233A	Basin Fruitland Coal	Flowing	NM	San Juan	30	032N	008W	SWSE	Hilcorp Energy Company
3004528324	San Juan 32-8 Unit 234	Basin Fruitland Coal	Flowing	NM	San Juan	21	031N	008W	SWSW	Hilcorp Energy Company

San Juan 32-8 Unit
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3004532118	San Juan 32-8 Unit 234A	Basin Fruitland Coal	Flowing	NM	San Juan	21	031N	008W	SWNW	Hilcorp Energy Company
3004528323	San Juan 32-8 Unit 235	Basin Fruitland Coal	Flowing	NM	San Juan	21	031N	008W	SWNE	Hilcorp Energy Company
3004532063	San Juan 32-8 Unit 235A	Basin Fruitland Coal	Flowing	NM	San Juan	21	031N	008W	SWSE	Hilcorp Energy Company
3004528416	San Juan 32-8 Unit 236	Basin Fruitland Coal	Flowing	NM	San Juan	22	031N	008W	SENE	Hilcorp Energy Company
3004528209	San Juan 32-8 Unit 237	Basin Fruitland Coal	Flowing	NM	San Juan	23	031N	008W	SENE	Hilcorp Energy Company
3004528132	San Juan 32-8 Unit 238	Basin Fruitland Coal	Flowing	NM	San Juan	23	031N	008W	SESW	Hilcorp Energy Company
3004532293	San Juan 32-8 Unit 238A	Basin Fruitland Coal	Flowing	NM	San Juan	23	031N	008W	NENW	Hilcorp Energy Company
3004528350	San Juan 32-8 Unit 239	Basin Fruitland Coal	Flowing	NM	San Juan	30	032N	008W	SESW	Hilcorp Energy Company
3004532396	San Juan 32-8 Unit 239A	Basin Fruitland Coal	Flowing	NM	San Juan	30	032N	008W	SENW	Hilcorp Energy Company
3004528274	San Juan 32-8 Unit 240	Basin Fruitland Coal	Flowing	NM	San Juan	3	031N	008W	NESW	Hilcorp Energy Company
3004531835	San Juan 32-8 Unit 240A	Basin Fruitland Coal	Flowing	NM	San Juan	3	031N	008W	SWNW	Hilcorp Energy Company
3004528275	San Juan 32-8 Unit 241	Basin Fruitland Coal	Flowing	NM	San Juan	4	031N	008W	NENE	Hilcorp Energy Company
3004532332	San Juan 32-8 Unit 241A	Basin Fruitland Coal	Flowing	NM	San Juan	4	031N	008W	SWSE	Hilcorp Energy Company
3004528415	San Juan 32-8 Unit 242	Basin Fruitland Coal	Flowing	NM	San Juan	4	031N	008W	NWSW	Hilcorp Energy Company
3004532119	San Juan 32-8 Unit 242A	Basin Fruitland Coal	Flowing	NM	San Juan	4	031N	008W	NWNW	Hilcorp Energy Company
3004528276	San Juan 32-8 Unit 243	Basin Fruitland Coal	Flowing	NM	San Juan	11	031N	008W	SWSW	Hilcorp Energy Company
3004531666	San Juan 32-8 Unit 243A	Basin Fruitland Coal	Flowing	NM	San Juan	11	031N	008W	SENW	Hilcorp Energy Company
3004528321	San Juan 32-8 Unit 244	Basin Fruitland Coal	Flowing	NM	San Juan	14	031N	008W	SWNE	Hilcorp Energy Company
3004532309	San Juan 32-8 Unit 244A	Basin Fruitland Coal	Flowing	NM	San Juan	14	031N	008W	SESE	Hilcorp Energy Company
3004528322	San Juan 32-8 Unit 245	Basin Fruitland Coal	Flowing	NM	San Juan	14	031N	008W	NESW	Hilcorp Energy Company
3004532292	San Juan 32-8 Unit 245A	Basin Fruitland Coal	Flowing	NM	San Juan	14	031N	008W	SENW	Hilcorp Energy Company
3004529761	San Juan 32-8 Unit 247	Basin Fruitland Coal	Flowing	NM	San Juan	19	032N	008W	NWSW	Hilcorp Energy Company
3004532467	San Juan 32-8 Unit 247A	Basin Fruitland Coal	Flowing	NM	San Juan	19	032N	008W	NENW	Hilcorp Energy Company
3004528349	San Juan 32-8 Unit 248	Basin Fruitland Coal	Flowing	NM	San Juan	11	031N	008W	SWNE	Hilcorp Energy Company
3004531627	San Juan 32-8 Unit 248A	Basin Fruitland Coal	Flowing	NM	San Juan	11	031N	008W	SWSE	Hilcorp Energy Company
3004528306	San Juan 32-8 Unit 249	Basin Fruitland Coal	Flowing	NM	San Juan	3	031N	008W	NENE	Hilcorp Energy Company
3004532751	San Juan 32-8 Unit 249R	Basin Fruitland Coal	Flowing	NM	San Juan	3	031N	008W	NWSE	Hilcorp Energy Company
3004528307	San Juan 32-8 Unit 250	Basin Fruitland Coal	Flowing	NM	San Juan	33	032N	008W	SWSW	Hilcorp Energy Company
3004531745	San Juan 32-8 Unit 250A	Basin Fruitland Coal	Flowing	NM	San Juan	33	032N	008W	NWNW	Hilcorp Energy Company
3004529460	San Juan 32-8 Unit 253	Basin Fruitland Coal	Flowing	NM	San Juan	27	032N	008W	SWNE	Hilcorp Energy Company
3004531671	San Juan 32-8 Unit 253A	Basin Fruitland Coal	Flowing	NM	San Juan	27	032N	008W	SESE	Hilcorp Energy Company
3004529802	San Juan 32-8 Unit 254	Basin Fruitland Coal	Flowing	NM	San Juan	23	032N	008W	SWSW	Hilcorp Energy Company

San Juan 32-8 Unit
2022 Plan of Development

3004532175	San Juan 32-8 Unit 254A	Basin Fruitland Coal	Flowing	NM	San Juan	23	032N	008W	SENV	Hilcorp Energy Company
3004535882	San Juan 32-8 Unit 254H	Basin Fruitland Coal	Flowing	NM	San Juan	23	032N	008W	SENV	Hilcorp Energy Company
3004530424	San Juan 32-8 Unit 255	Basin Fruitland Coal	Flowing	NM	San Juan	24	032N	008W	SENE	Hilcorp Energy Company
3004531655	San Juan 32-8 Unit 255A	Basin Fruitland Coal	Flowing	NM	San Juan	24	032N	007W	SWSE	Hilcorp Energy Company
3004530410	San Juan 32-8 Unit 256	Basin Fruitland Coal	Flowing	NM	San Juan	25	032N	008W	SENE	Hilcorp Energy Company
3004531669	San Juan 32-8 Unit 256A	Basin Fruitland Coal	Flowing	NM	San Juan	25	032N	008W	SESE	Hilcorp Energy Company
3004530258	San Juan 32-8 Unit 257	Basin Fruitland Coal	Flowing	NM	San Juan	19	032N	008W	NENE	Hilcorp Energy Company
3004532370	San Juan 32-8 Unit 257A	Basin Fruitland Coal	Flowing	NM	San Juan	19	032N	008W	NESE	Hilcorp Energy Company
3004530987	San Juan 32-8 Unit 258	Basin Fruitland Coal	Flowing	NM	San Juan	15	032N	008W	NESW	Hilcorp Energy Company
3004533050	San Juan 32-8 Unit 258A	Albino Pictured Cliffs	Flowing	NM	San Juan	9	032N	008W	SESE	Hilcorp Energy Company
3004533050	San Juan 32-8 Unit 258A	Basin Fruitland Coal	Flowing	NM	San Juan	9	032N	008W	SESE	Hilcorp Energy Company
3004533085	San Juan 32-8 Unit 259	Basin Fruitland Coal	Flowing	NM	San Juan	22	032N	008W	NESE	Hilcorp Energy Company
3004531848	San Juan 32-8 Unit 259A	Basin Fruitland Coal	Flowing	NM	San Juan	22	032N	008W	SESE	Hilcorp Energy Company
3004530996	San Juan 32-8 Unit 260	Basin Fruitland Coal	Flowing	NM	San Juan	18	032N	008W	NESW	Hilcorp Energy Company
3004532750	San Juan 32-8 Unit 260A	Basin Fruitland Coal	Flowing	NM	San Juan	17	032N	008W	SWSW	Hilcorp Energy Company
3004530656	San Juan 32-8 Unit 261	Basin Fruitland Coal	Flowing	NM	San Juan	17	032N	008W	SWSW	Hilcorp Energy Company
3004532752	San Juan 32-8 Unit 261A	Basin Fruitland Coal	Flowing	NM	San Juan	17	032N	008W	NWNW	Hilcorp Energy Company
3004530989	San Juan 32-8 Unit 262	Basin Fruitland Coal	Flowing	NM	San Juan	17	032N	008W	SWNE	Hilcorp Energy Company
3004532753	San Juan 32-8 Unit 262A	Basin Fruitland Coal	Flowing	NM	San Juan	17	032N	008W	SESE	Hilcorp Energy Company
3004533789	San Juan 32-8 Unit 263	Basin Fruitland Coal	Flowing	NM	San Juan	15	032N	008W	NENE	Hilcorp Energy Company
3004532796	San Juan 32-8 Unit 263A	Basin Fruitland Coal	Flowing	NM	San Juan	15	032N	008W	SESE	Hilcorp Energy Company
3004530985	San Juan 32-8 Unit 264H	Basin Fruitland Coal	Flowing	NM	San Juan	9	032N	008W	NWSW	Hilcorp Energy Company
3004532829	San Juan 32-8 Unit 265	Basin Fruitland Coal	Flowing	NM	San Juan	14	032N	008W	NESW	Hilcorp Energy Company
3004533761	San Juan 32-8 Unit 265A	Basin Fruitland Coal	Flowing	NM	San Juan	14	032N	008W	NENW	Hilcorp Energy Company
3004533765	San Juan 32-8 Unit 266	Basin Fruitland Coal	Flowing	NM	San Juan	14	032N	008W	SENE	Hilcorp Energy Company
3004533049	San Juan 32-8 Unit 266A	Basin Fruitland Coal	Flowing	NM	San Juan	14	032N	008W	NWSE	Hilcorp Energy Company
3004533075	San Juan 32-8 Unit 267	Albino Pictured Cliffs	Flowing	NM	San Juan	14	032N	008W	SESE	Hilcorp Energy Company
3004533075	San Juan 32-8 Unit 267	Basin Fruitland Coal	Flowing	NM	San Juan	14	032N	008W	SESE	Hilcorp Energy Company
3004532886	San Juan 32-8 Unit 267A	Basin Fruitland Coal	Flowing	NM	San Juan	23	032N	008W	NESE	Hilcorp Energy Company
3004510568	San Juan 32-8 Unit 267	Blanco-Mesaverde	Flowing	NM	San Juan	23	031N	008W	SWNE	Hilcorp Energy Company
3004530411	San Juan 32-8 Unit 267A	Blanco-Mesaverde	Flowing	NM	San Juan	23	031N	008W	NWSE	Hilcorp Energy Company
3004530978	San Juan 32-8 Unit 267B	Blanco-Mesaverde	Flowing	NM	San Juan	23	031N	008W	SWSE	Hilcorp Energy Company

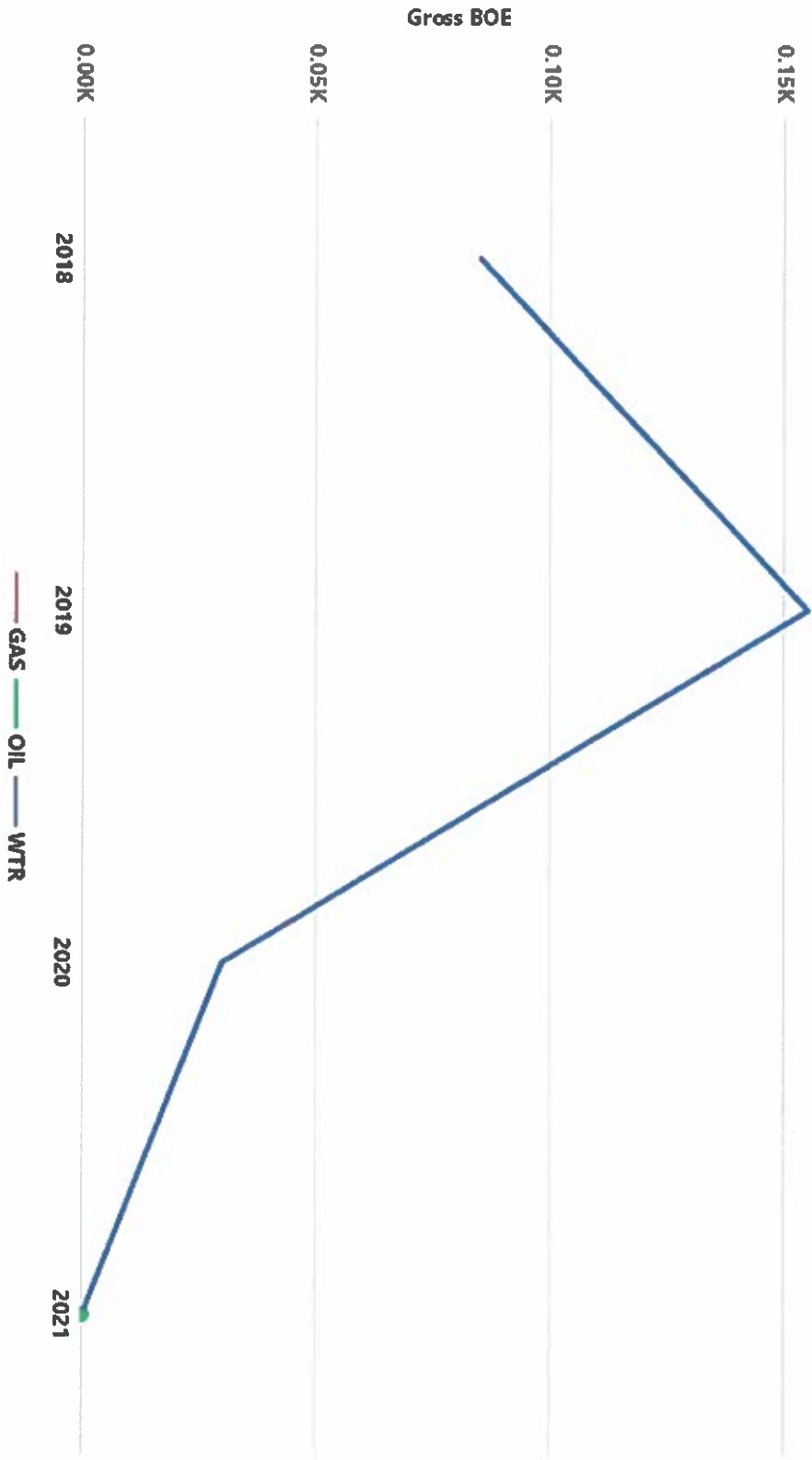
San Juan 32-8 Unit
2022 Plan of Development

3004527935	San Juan 32-8 Unit SWD 301	Swd/Morrison Bluff Entrada	Disposal	NM	San Juan	16	031N	008W	NWSW	Hilcorp Energy Company
3004528703	San Juan 32-8 Unit SWD 303	Swd/Morrison Bluff Entrada	Disposal	NM	San Juan	14	031N	008W	SWNW	Hilcorp Energy Company
3004511221	San Juan 32-8 Unit 002	Blanco Mesaverde	Perm Abandoned	NM	San Juan	29	032N	008W		Hilcorp Energy Company
3004511420	San Juan 32-8 Unit 003	Blanco Mesaverde	Perm Abandoned	NM	San Juan	17	032N	008W		Hilcorp Energy Company
3004511414	San Juan 32-8 Unit 004	Blanco Mesaverde	Perm Abandoned	NM	San Juan	15	032N	008W		Hilcorp Energy Company
3004560297	San Juan 32-8 Unit 007	Blanco Mesaverde	Perm Abandoned	NM	San Juan	22	031N	008W		Hilcorp Energy Company
3004511329	San Juan 32-8 Unit 009	Blanco Mesaverde	Perm Abandoned	NM	San Juan	20	032N	008W		Hilcorp Energy Company
3004533115	San Juan 32-8 Unit 011M	Basin Dakota	Perm Abandoned	NM	San Juan	21	031N	008W		Hilcorp Energy Company
3004533115	San Juan 32-8 Unit 011M	Blanco Mesaverde	Perm Abandoned	NM	San Juan	21	031N	008W		Hilcorp Energy Company
3004511066	San Juan 32-8 Unit 022	Blanco Mesaverde	Perm Abandoned	NM	San Juan	4	031N	008W		Hilcorp Energy Company
3004511483	San Juan 32-8 Unit 032	Blanco Mesaverde	Perm Abandoned	NM	San Juan	9	032N	008W		Hilcorp Energy Company
3004522170	San Juan 32-8 Unit 037	Los Pinos N Fruitland	Perm Abandoned	NM	San Juan	23	032N	008W		Hilcorp Energy Company
3004524510	San Juan 32-8 Unit 041	Los Pinos N Fruitland	Perm Abandoned	NM	San Juan	23	032N	008W		Hilcorp Energy Company
3004527447	San Juan 32-8 Unit 207	Basin Fruitland Coal	Perm Abandoned	NM	San Juan	22	031N	008W		Hilcorp Energy Company
3004532331	San Juan 32-8 Unit 236A	Basin Fruitland Coal	Perm Abandoned	NM	San Juan	22	031N	008W		Hilcorp Energy Company
3004532369	San Juan 32-8 Unit 237A	Basin Fruitland Coal	Perm Abandoned	NM	San Juan	23	031N	008W		Hilcorp Energy Company
3004531626	San Juan 32-8 Unit 249A	Basin Fruitland Coal	Perm Abandoned	NM	San Juan	3	031N	008W		Hilcorp Energy Company
3004532754	San Juan 32-8 Unit 264A	Basin Fruitland Coal	Perm Abandoned	NM	San Juan	9	032N	008W		Hilcorp Energy Company

EXHIBIT "A-1"
PRODUCTION SUMMARY BY FORMATION



Hilcorp San Juan Production



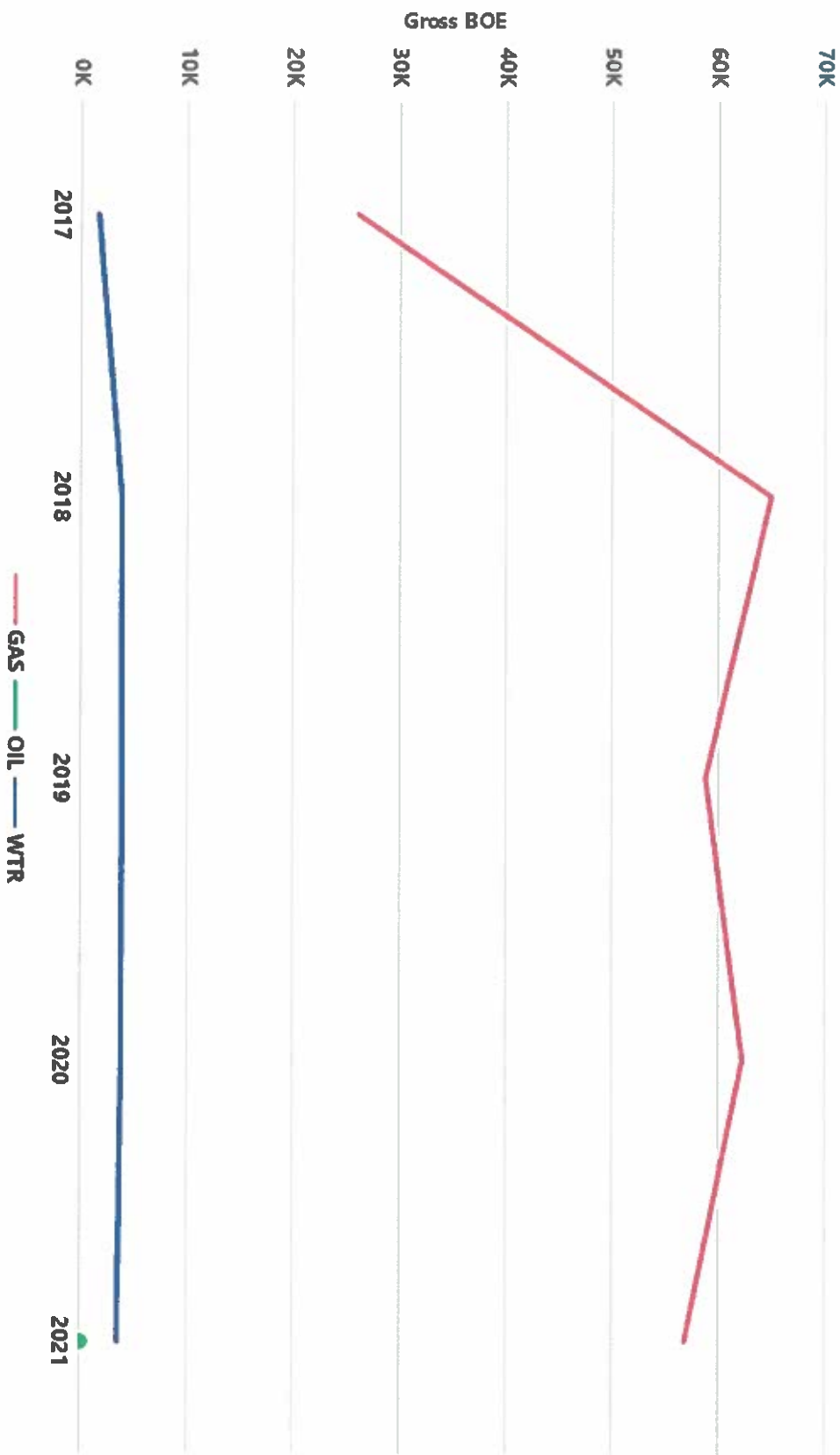
SAN JUAN 32-8 UNIT

NA

NA



Hilcorp San Juan Production



SAN JUAN 32-8 UNIT

DAKOTA PARTICIPATING AREA

NMNM-NA78424D



Hilcorp San Juan Production



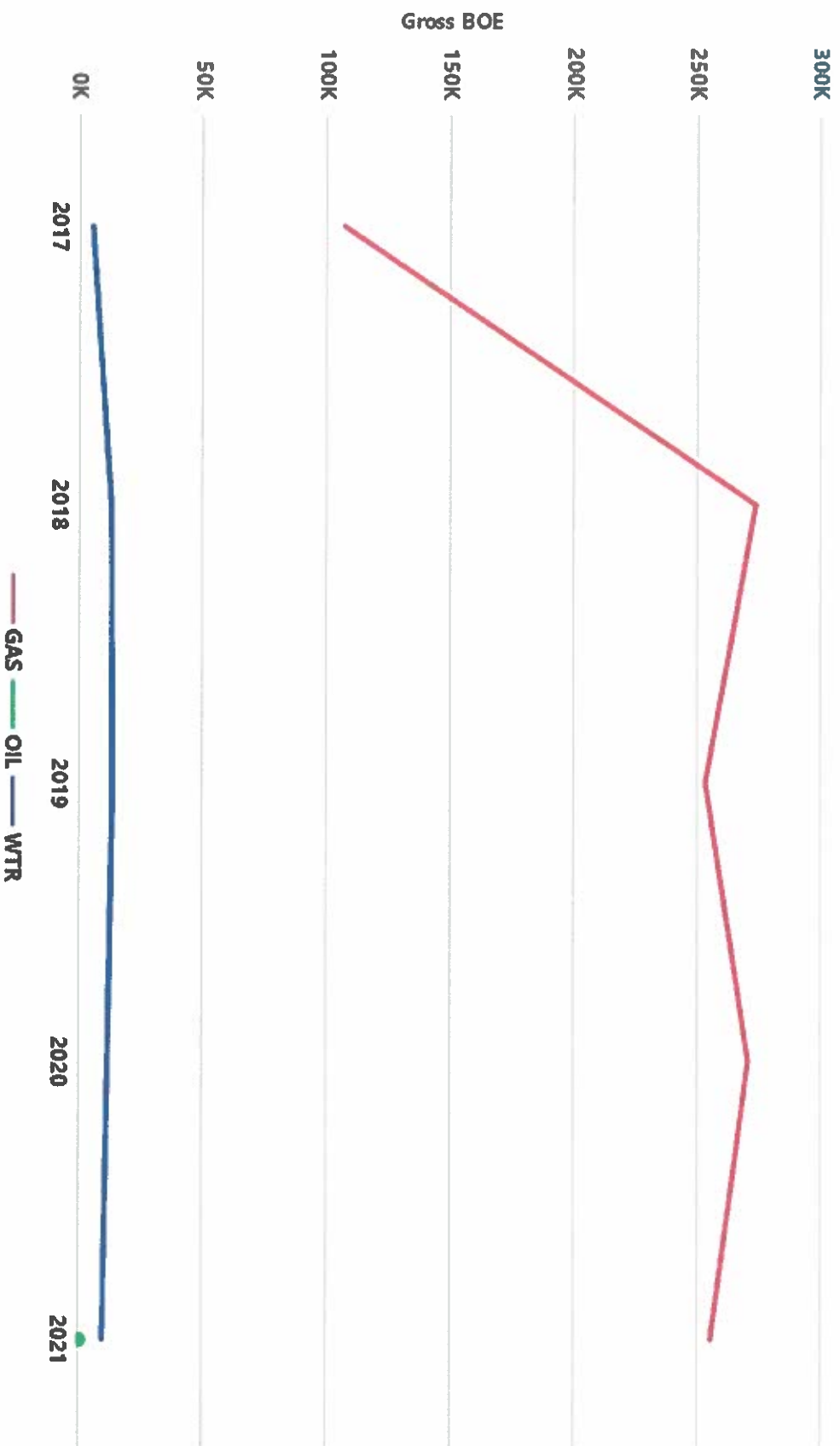
SAN JUAN 32-8 UNIT

FRUITLAND COAL PARTICIPATING AREA

NMNM-NA78424B



Hilcorp San Juan Production



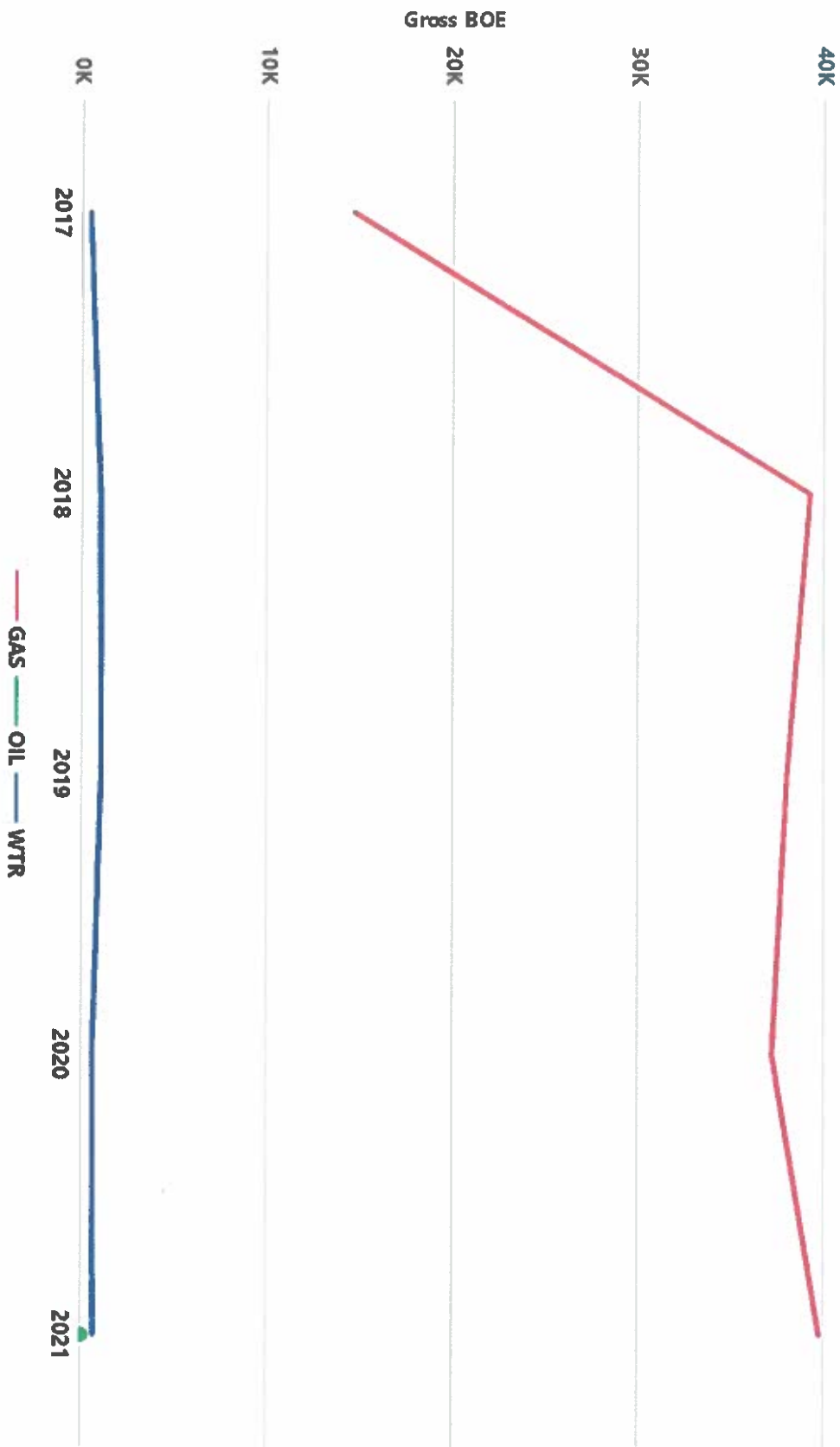
SAN JUAN 32-8 UNIT

MESAVERDE PARTICIPATING AREA

NMNM-NA78424A



Hilcorp San Juan Production



SAN JUAN 32-8 UNIT

PICTURED CLIFFS PARTICIPATING AREA

NMNM-NA78424C

MAPS

