

|                               |                                                                     |                                           |
|-------------------------------|---------------------------------------------------------------------|-------------------------------------------|
| Well Name: SAN JUAN 28-6 UNIT | Well Location: T28N / R6W / SEC 33 / NWSE / 36.615514 / -107.470214 | County or Parish/State: RIO ARRIBA / NM   |
| Well Number: 185N             | Type of Well: CONVENTIONAL GAS WELL                                 | Allottee or Tribe Name:                   |
| Lease Number: NMSF079051      | Unit or CA Name: SAN JUAN 28-6 UNIT--DK, SAN JUAN 28-6 UNIT--MV     | Unit or CA Number: NMNM78412A, NMNM78412C |
| US Well Number: 3003927658    | Operator: HILCORP ENERGY COMPANY                                    |                                           |

Notice of Intent

Sundry ID: 2873683

Type of Submission: Notice of Intent

Date Sundry Submitted: 09/16/2025

Date proposed operation will begin: 09/07/2025

Type of Action: Commingling (Subsurface)

Time Sundry Submitted: 07:40

Procedure Description: Please find the attached preliminary subtraction allocation.

NOI Attachments

Procedure Description

SAN\_JUAN\_28\_6\_UNIT\_185N\_ALLOCATION\_20250916074027.pdf

Received by OCD: 9/16/2025 1:36:35 PM

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|                               |                                                                     |                                           |
|-------------------------------|---------------------------------------------------------------------|-------------------------------------------|
| Well Name: SAN JUAN 28-6 UNIT | Well Location: T28N / R6W / SEC 33 / NWSE / 36.615514 / -107.470214 | County or Parish/State: RIO ARRIBA / NM   |
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| Lease Number: NMSF079051      | Unit or CA Name: SAN JUAN 28-6 UNIT--DK, SAN JUAN 28-6 UNIT--MV     | Unit or CA Number: NMNM78412A, NMNM78412C |
| US Well Number: 3003927658    | Operator: HILCORP ENERGY COMPANY                                    |                                           |

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

|                                               |                                  |
|-----------------------------------------------|----------------------------------|
| Operator Electronic Signature: DAWN NASH-DEAL | Signed on: SEP 16, 2025 07:40 AM |
| Name: HILCORP ENERGY COMPANY                  |                                  |
| Title: Operations Regulatory Tech             |                                  |
| Street Address: 1111 TRAVIS ST                |                                  |
| City: HOUSTON                                 | State: TX                        |
| Phone: (505) 324-5132                         |                                  |
| Email address: DNASH@HILCORP.COM              |                                  |

Field

|                      |        |      |
|----------------------|--------|------|
| Representative Name: |        |      |
| Street Address:      |        |      |
| City:                | State: | Zip: |
| Phone:               |        |      |
| Email address:       |        |      |

BLM Point of Contact

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| BLM POC Name: KENNETH G RENNICK | BLM POC Title: Petroleum Engineer       |
| BLM POC Phone: 5055647742       | BLM POC Email Address: krennick@blm.gov |
| Disposition: Approved           | Disposition Date: 09/16/2025            |
| Signature: Kenneth Rennick      |                                         |

Form 3160-5  
(October 2024)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0220  
Expires: October 31, 2027

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

|                                             |  |
|---------------------------------------------|--|
| 5. Lease Serial No.                         |  |
| 6. If Indian, Allottee or Tribe Name        |  |
| 7. If Unit of CA/Agreement, Name and/or No. |  |
| 8. Well Name and No.                        |  |
| 9. API Well No.                             |  |
| 10. Field and Pool or Exploratory Area      |  |
| 11. Country or Parish, State                |  |

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

|                                                                      |                                   |                                |
|----------------------------------------------------------------------|-----------------------------------|--------------------------------|
| 1. Type of Well                                                      |                                   |                                |
| <input type="checkbox"/> Oil Well                                    | <input type="checkbox"/> Gas Well | <input type="checkbox"/> Other |
| 2. Name of Operator                                                  |                                   |                                |
| 3a. Address                                                          | 3b. Phone No. (include area code) |                                |
| 4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) |                                   |                                |

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

| TYPE OF SUBMISSION                                | TYPE OF ACTION                                |                                               |                                                    |                                         |  |
|---------------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------------------------------|-----------------------------------------|--|
| <input type="checkbox"/> Notice of Intent         | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen               | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |  |
| <input type="checkbox"/> Subsequent Report        | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |  |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction     | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other          |  |
|                                                   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon     | <input type="checkbox"/> Temporarily Abandon       |                                         |  |
|                                                   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back            | <input type="checkbox"/> Water Disposal            |                                         |  |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

|                                                                                   |       |
|-----------------------------------------------------------------------------------|-------|
| 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) | Title |
| Signature                                                                         | Date  |

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

|                                                                                                                                                                                                                                                           |        |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|
| Approved by                                                                                                                                                                                                                                               | Title  | Date |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Office |      |

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

## SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13*: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

## NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

## Additional Information

### Location of Well

0. SHL: NWSE / 1925 FSL / 1970 FEL / TWSP: 28N / RANGE: 6W / SECTION: 33 / LAT: 36.615514 / LONG: -107.470214 ( TVD: 0 feet, MD: 0 feet )

BHL: NWSE / 1925 FSL / 1970 FEL / TWSP: 28N / SECTION: / LAT: 36.615514 / LONG: 107.470214 ( TVD: 0 feet, MD: 0 feet )

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |                                                                                                                                                                         |                     |                                             |                                                    |                                                                                                                                 |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--|
| <h1 style="text-align: center;">Hilcorp Energy Company</h1> <h2 style="text-align: center;">PRODUCTION ALLOCATION FORM</h2>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |                                                                                                                                                                         |                     |                                             |                                                    | Distribution:<br>BLM / NMOCD Original<br>Accounting<br>Well File<br>Revised: September 25, 2019                                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |                                                                                                                                                                         |                     |                                             |                                                    | Status<br>PRELIMINARY <input checked="" type="checkbox"/><br>FINAL <input type="checkbox"/><br>REVISED <input type="checkbox"/> |  |
| Commingle Type<br>SURFACE <input type="checkbox"/> DOWNHOLE <input checked="" type="checkbox"/><br>Type of Completion<br>NEW DRILL <input type="checkbox"/> RECOMPLETION <input checked="" type="checkbox"/> PAYADD <input type="checkbox"/> COMMINGLE <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |                                                                                                                                                                         |                     |                                             |                                                    | Date: 09/12/2025<br><br>API No. 30-039-27658<br>DHC No. 5517<br>Lease No. NMSF079051                                            |  |
| Well Name SAN JUAN 28-6 UNIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                                                                                                                                                                         |                     |                                             |                                                    | Well No. 185N                                                                                                                   |  |
| Unit Letter<br><b>J</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Section<br><b>33</b> | Township<br><b>28N</b>                                                                                                                                                  | Range<br><b>06W</b> | Footage<br><b>1925' FSL &amp; 1970' FEL</b> | County, State<br><b>RIO ARRIBA,<br/>New Mexico</b> |                                                                                                                                 |  |
| Completion Date<br><b>9/6/2025</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      | Test Method<br><br>HISTORICAL <input type="checkbox"/> FIELD TEST <input type="checkbox"/> PROJECTED <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> |                     |                                             |                                                    |                                                                                                                                 |  |
| <p>JUSTIFICATION OF ALLOCATION: Hilcorp requests that production for the downhole commingle be allocated using the subtraction method in agreement with local agencies. The base formation is the Mesaverde and Dakota and the added formation to be commingled is the Fruitland Coal and Pictured Cliffs. The subtraction method applies an average monthly production forecast to the base formation(s) using historic production. All production from this well exceeding the forecast will be allocated to the new formation(s). After 3 years production will stabilize. A production average will be gathered during the 4<sup>th</sup> year and will be utilized to create a fixed percentage based allocation.</p> <p>Oil production will be allocated based on average formation yields from offset wells and will be a fixed rate for 4 years. <b>FRC 0%, PC 0%, MV 72%, DK 28%</b> (No Change to Allocation from Approved DHC Application)</p> <p>After 4 years oil will be reevaluated and adjust as needed based on average formation yields and new fixed gas allocation.</p> |                      |                                                                                                                                                                         |                     |                                             |                                                    |                                                                                                                                 |  |
| NAME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      | DATE                                                                                                                                                                    |                     | TITLE                                       |                                                    | PHONE                                                                                                                           |  |
| DAWN NASH-DEAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                      | 09/12/2025                                                                                                                                                              |                     |                                             |                                                    |                                                                                                                                 |  |
| X <i>Dawnnash Deal</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |                                                                                                                                                                         |                     | Operations/Regulatory Tech                  |                                                    | 346-237-2143                                                                                                                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |                                                                                                                                                                         |                     |                                             |                                                    |                                                                                                                                 |  |
| For Technical Questions: MARCUS HILL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |                                                                                                                                                                         |                     | Reservoir Engineer                          |                                                    | marcus.hill@hilcorp.com                                                                                                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |                                                                                                                                                                         |                     |                                             |                                                    |                                                                                                                                 |  |

## San Juan 28-6 Unit 185N Subtraction Allocation

| Date   | MV Mcfd | DK Mcfd |
|--------|---------|---------|
| Aug-25 | 51.37   | 23.7083 |
| Sep-25 | 51.23   | 23.607  |
| Oct-25 | 51.1    | 23.5061 |
| Nov-25 | 50.97   | 23.4056 |
| Dec-25 | 50.84   | 23.3056 |
| Jan-26 | 50.71   | 23.2043 |
| Feb-26 | 50.59   | 23.1084 |
| Mar-26 | 50.46   | 23.0129 |
| Apr-26 | 50.33   | 22.9145 |
| May-26 | 50.21   | 22.8166 |
| Jun-26 | 50.08   | 22.7191 |
| Jul-26 | 49.95   | 22.622  |
| Aug-26 | 49.82   | 22.5237 |
| Sep-26 | 49.7    | 22.4274 |
| Oct-26 | 49.57   | 22.3316 |
| Nov-26 | 49.44   | 22.2361 |
| Dec-26 | 49.32   | 22.1411 |
| Jan-27 | 49.19   | 22.0449 |
| Feb-27 | 49.07   | 21.9538 |
| Mar-27 | 48.95   | 21.863  |
| Apr-27 | 48.82   | 21.7696 |
| May-27 | 48.7    | 21.6765 |
| Jun-27 | 48.58   | 21.5839 |
| Jul-27 | 48.45   | 21.4916 |
| Aug-27 | 48.33   | 21.3983 |
| Sep-27 | 48.21   | 21.3068 |
| Oct-27 | 48.08   | 21.2157 |
| Nov-27 | 47.96   | 21.1251 |
| Dec-27 | 47.84   | 21.0348 |
| Jan-28 | 47.72   | 20.9434 |
| Feb-28 | 47.6    | 20.8553 |
| Mar-28 | 47.48   | 20.7677 |
| Apr-28 | 47.36   | 20.6789 |
| May-28 | 47.24   | 20.5905 |
| Jun-28 | 47.12   | 20.5025 |
| Jul-28 | 47      | 20.4149 |
| Aug-28 | 46.88   | 20.3262 |
| Sep-28 | 46.76   | 20.2393 |
| Oct-28 | 46.64   | 20.1528 |
| Nov-28 | 46.52   | 20.0667 |
| Dec-28 | 46.4    | 19.9809 |
| Jan-29 | 46.28   | 19.8941 |
| Feb-29 | 46.17   | 19.8119 |
| Mar-29 | 46.05   | 19.73   |
| Apr-29 | 45.94   | 19.6456 |
| May-29 | 45.82   | 19.5617 |
| Jun-29 | 45.7    | 19.4781 |
| Jul-29 | 45.59   | 19.3948 |

## Gas Allocation:

Production for the downhole commingle will be allocated using the subtraction method in agreement with local agencies. The base formations are the **Mesaverde and Dakota**. The added formations to be commingled are the **Fruitland Coal and Pictured Cliffs**. The subtraction method applies an average monthly production forecast to the base formation using historic production. All production from this well exceeding the forecast will be allocated to the new formation.

| Formation | Forecasted Reserves (MMcf) | % Gas Allocation |
|-----------|----------------------------|------------------|
| FRC       | 661                        | 52%              |
| PC        | 601                        | 48%              |

After 3 years production will stabilize. A production average will be gathered during the 4<sup>th</sup> year and will be utilized to create a fixed percentage based allocation.

Analysis 1

Classification: EUR<sub>0</sub> 1267 MMscf, Q<sub>0</sub> 892 MMscf, RR<sub>0</sub> 375 MMscf

☒ Gas - Decline (RT)

Analysis 2

☐ CGR Ratio Trend

Analysis Manager Plot Selection

Analysis Parameters

Rate Type: Op. Day

Forecast Start Date: 04/01/2025

d sec: 52.0 Mcfd, 3.034 %/year, 2.000, 0.740

R<sup>2</sup> log q vs t

Segment 1

Calc Method: d<sub>lim</sub> - Q<sub>0</sub> | Q<sub>0</sub>

Start Date: 03/18/2012

h: 125.5 Mcfd, 519.495 month, 14.580 %/year, 2.000

d<sub>lim</sub> exp: 3.000 %/year

d<sub>lim</sub> Date: 12/05/2025

End Date: 07/01/2055

Q<sub>0</sub>: 20.7 Mcfd, 1267.368 MMscf

Copy of P50

Classification: EUR<sub>0</sub> 661 MMscf, Q<sub>0</sub> 0 MMscf, RR<sub>0</sub> 661 MMscf

☒ Gas - Decline (RT)

Analysis Manager Plot Selection

Analysis Parameters

Rate Type: Op. Day

Forecast Start Date: 07/01/2025

d sec: 268.4 Mcfd, 42.184 %/year, 2.000

R<sup>2</sup> log q vs t

Segment 1

Calc Method: d<sub>lim</sub> - Q<sub>0</sub> | Q<sub>0</sub>

Start Date: 07/01/2025

h: 268.4 Mcfd, 360.000 month, 42.184 %/year, 2.000

d<sub>lim</sub> exp: 3.000 %/year

d<sub>lim</sub> Date: 05/30/2041

End Date: 07/01/2055

Q<sub>0</sub>: 30.6 Mcfd, 660.801 MMscf

Analysis Manager Plot Selection

Analysis Parameters

Rate Type: Op. Day

Forecast Start Date: 07/01/2025

d sec: 268.4 Mcfd, 42.184 %/year, 2.000

R<sup>2</sup> log q vs t

Segment 1

Calc Method: d<sub>lim</sub> - Q<sub>0</sub> | Q<sub>0</sub>

Start Date: 07/01/2025

h: 268.4 Mcfd, 360.000 month, 42.184 %/year, 2.000

d<sub>lim</sub> exp: 3.000 %/year

d<sub>lim</sub> Date: 05/30/2041

End Date: 07/01/2055

Q<sub>0</sub>: 30.6 Mcfd, 660.801 MMscf



▼ Analysis 1

|                  |           |
|------------------|-----------|
| Classification   |           |
| EUR <sub>1</sub> | 556 MMscf |
| G <sub>p</sub>   | 419 MMscf |
| RR <sub>1</sub>  | 136 MMscf |

☒ Gas - Decline (RT)

▼ Analysis 2

☐ CGR Ratio Trend

Analysis Manager Plot Selection

Analysis Parameters

Rate Type Op. Day

Forecast Start Date 03/11/2025 MM/DD/YYYY

q 24.2 Mscfd

d sec 5.000 %/year

b 0.000

R<sup>2</sup> log q vs t 0.926

Segment 1

Calc Method d<sub>lim</sub> - q<sub>r</sub> | Q<sub>r</sub>

Start Date 09/07/2005 MM/DD/YYYY

q<sub>i</sub> 359.8 Mscfd

Δt 597.741 month

d<sub>i</sub> sec 67.035 %/year

b 2.000

d<sub>lim</sub> exp 5.000 %/year

d<sub>lim</sub> Date 04/24/2015 MM/DD/YYYY

q<sub>r</sub> 5.1 Mscfd

End Date 07/01/2055 MM/DD/YYYY

Q<sub>r</sub> 555.525 MMscf

▼ Copy of Analysis 1

Classification

|                  |           |
|------------------|-----------|
| EUR <sub>1</sub> | 601 MMscf |
| G <sub>p</sub>   | 0 MMscf   |
| RR <sub>1</sub>  | 601 MMscf |

☒ Gas - Decline (RT)

Analysis Manager Plot Selection

Analysis Parameters

Rate Type Op. Day

Forecast Start Date 07/01/2025 MM/DD/YYYY

q 313.8 Mscfd

d sec 43.700 %/year

b 1.500

R<sup>2</sup> log q vs t

Segment 1

Calc Method d<sub>lim</sub> - q<sub>r</sub> | Q<sub>r</sub>

Start Date 07/01/2025 MM/DD/YYYY

q<sub>i</sub> 313.8 Mscfd

Δt 360.000 month

d<sub>i</sub> sec 43.700 %/year

b 1.500

d<sub>lim</sub> exp 5.000 %/year

d<sub>lim</sub> Date 10/06/2037 MM/DD/YYYY

q<sub>r</sub> 19.6 Mscfd

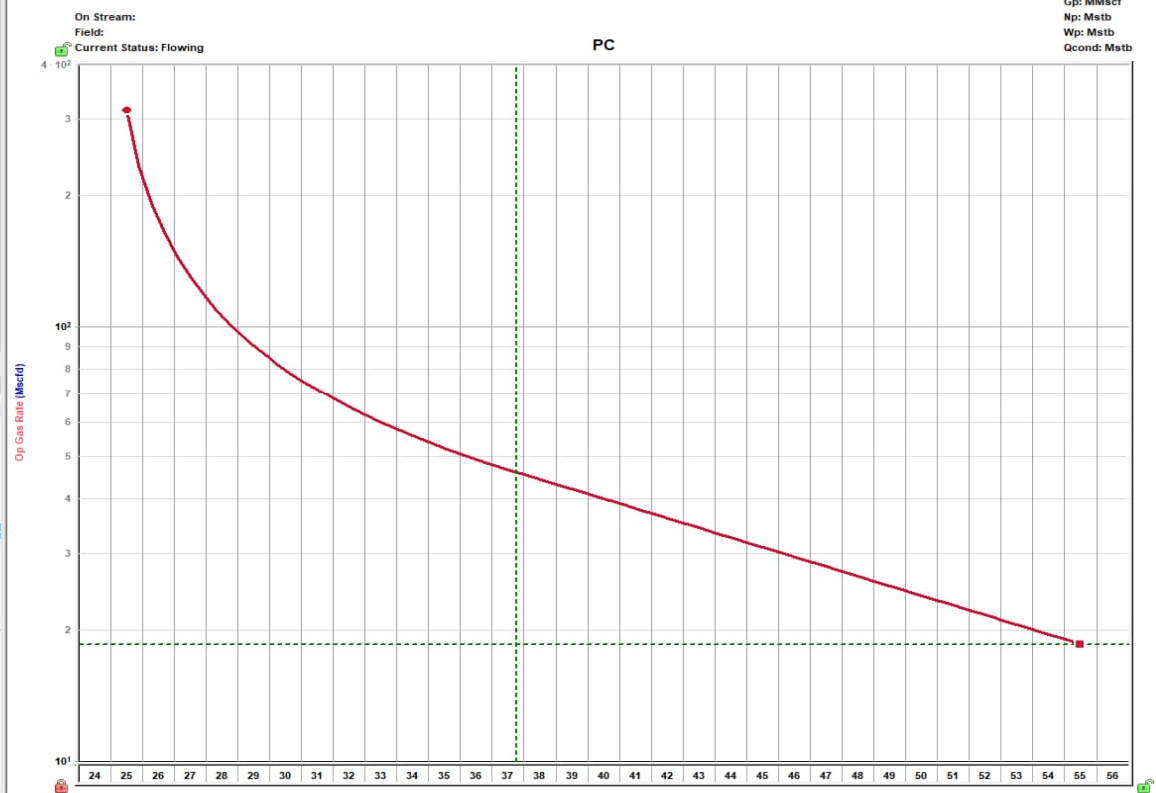
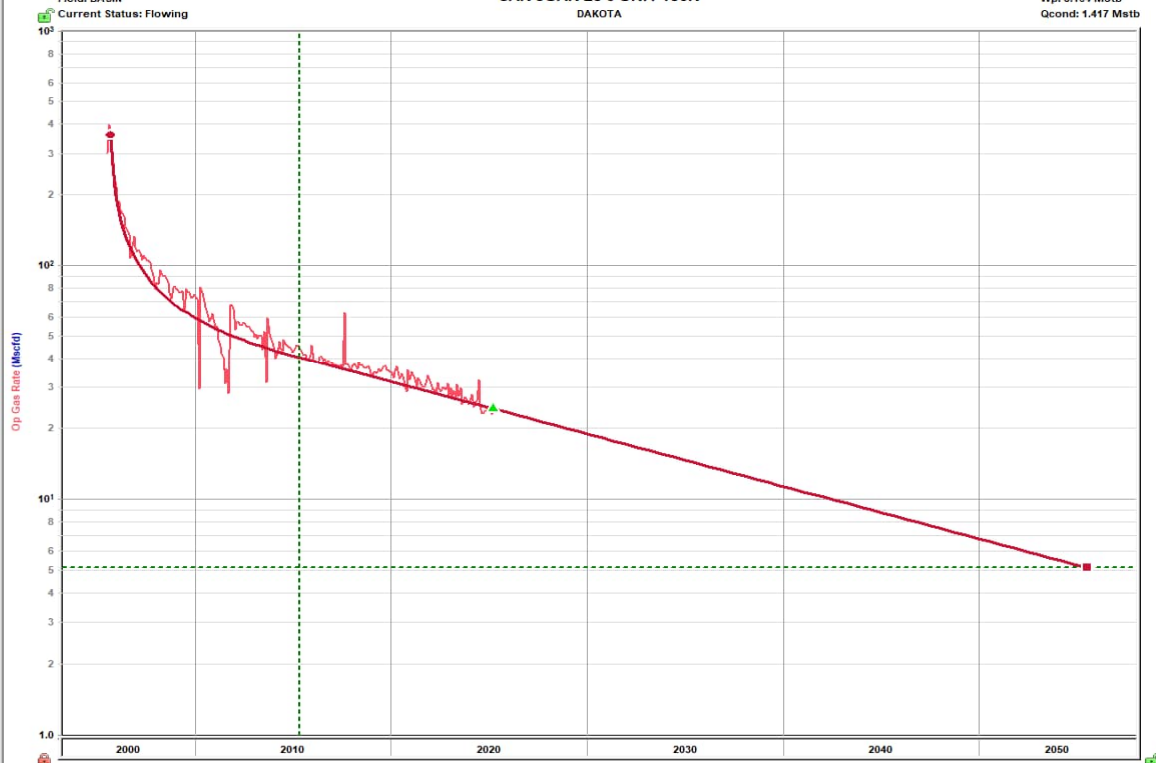
End Date 07/01/2055 MM/DD/YYYY

Q<sub>r</sub> 606.882 MMscf

On Stream: 07/01/2005  
Field: BASIN

SAN JUAN 28 6 UNIT 185N  
DAKOTA

Gp: 420 MMscf  
Np: 0.000 Mstb  
Wp: 8.164 Mstb  
Qcond: 1.417 Mstb

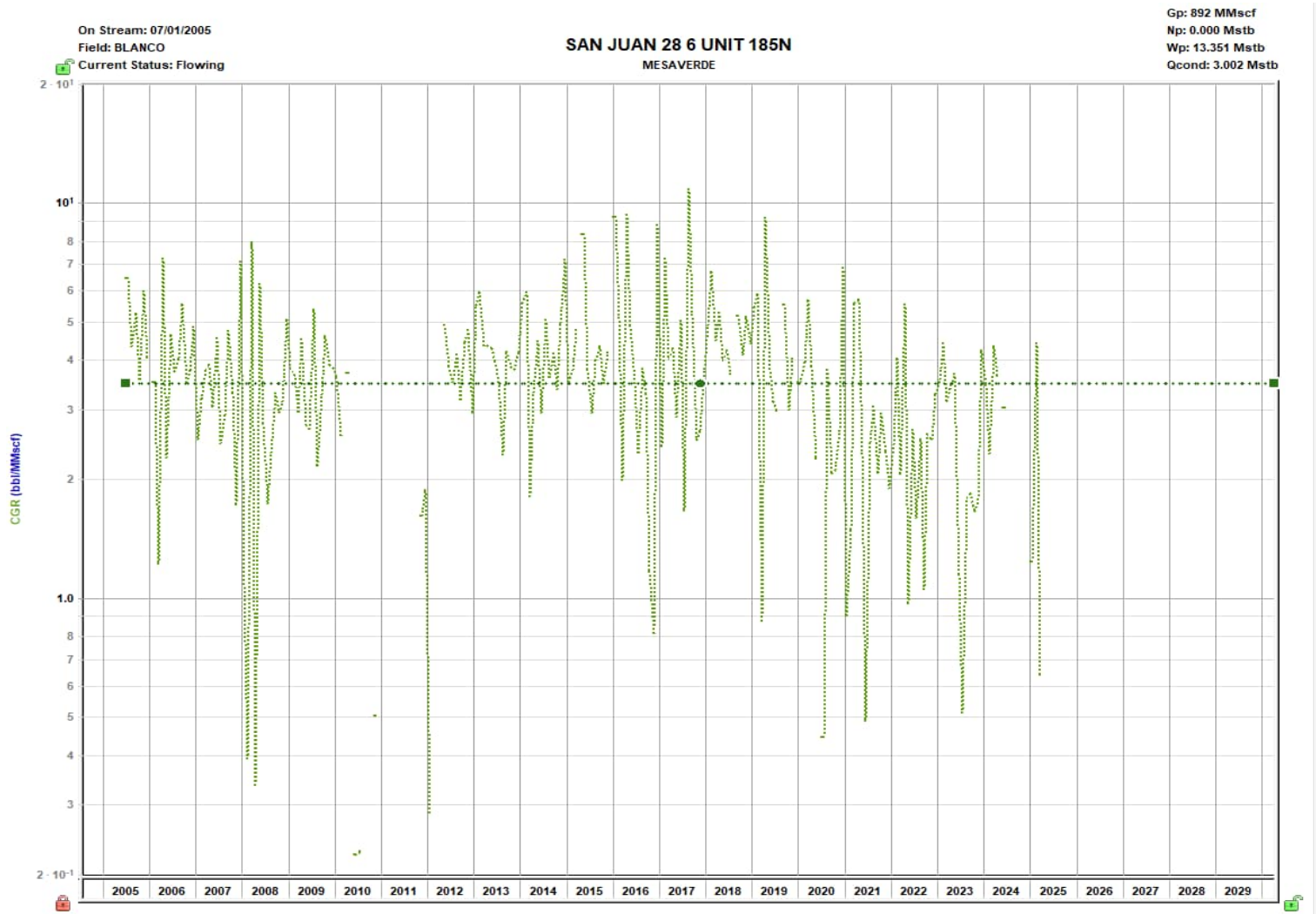


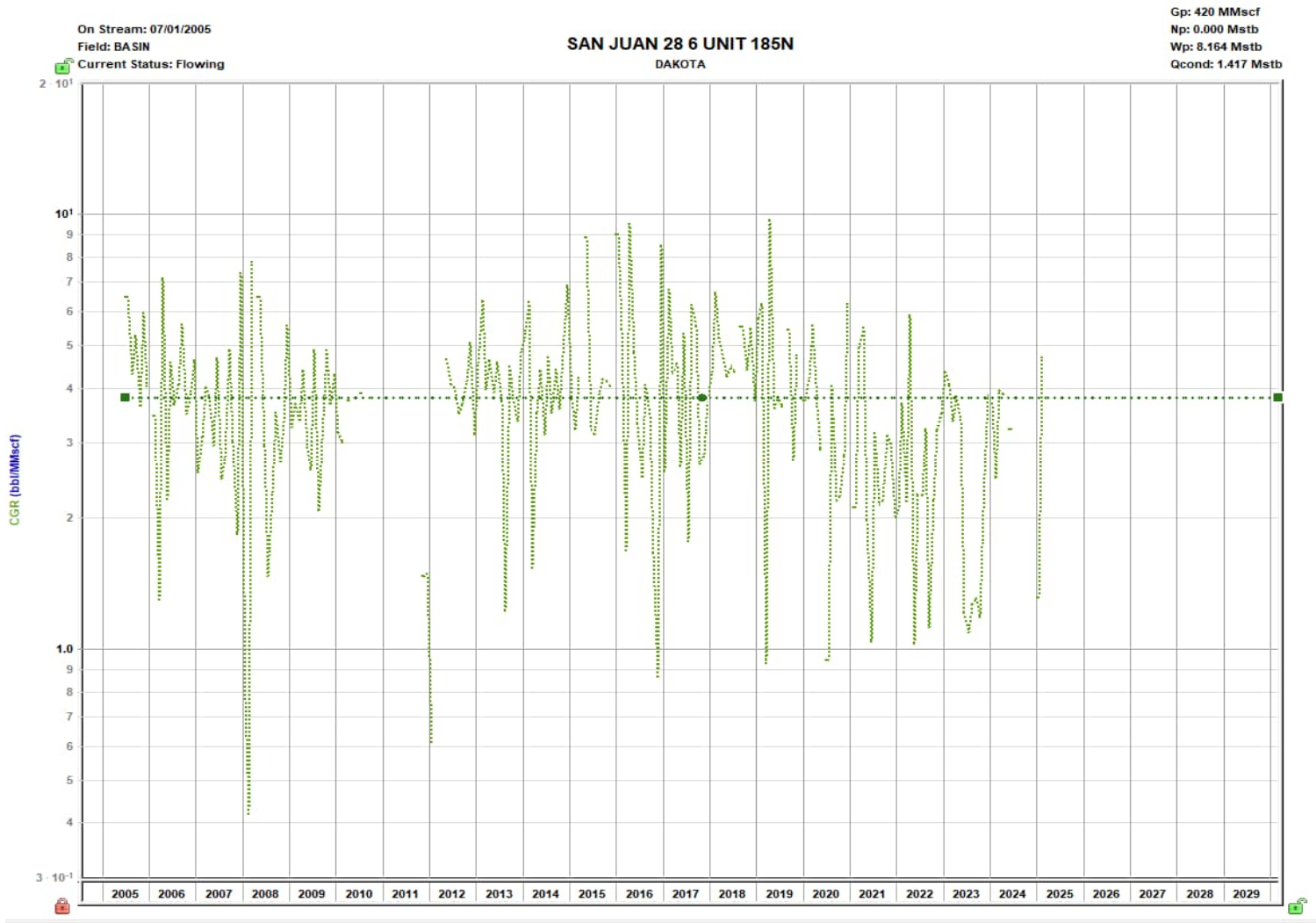
**Oil Allocation:**

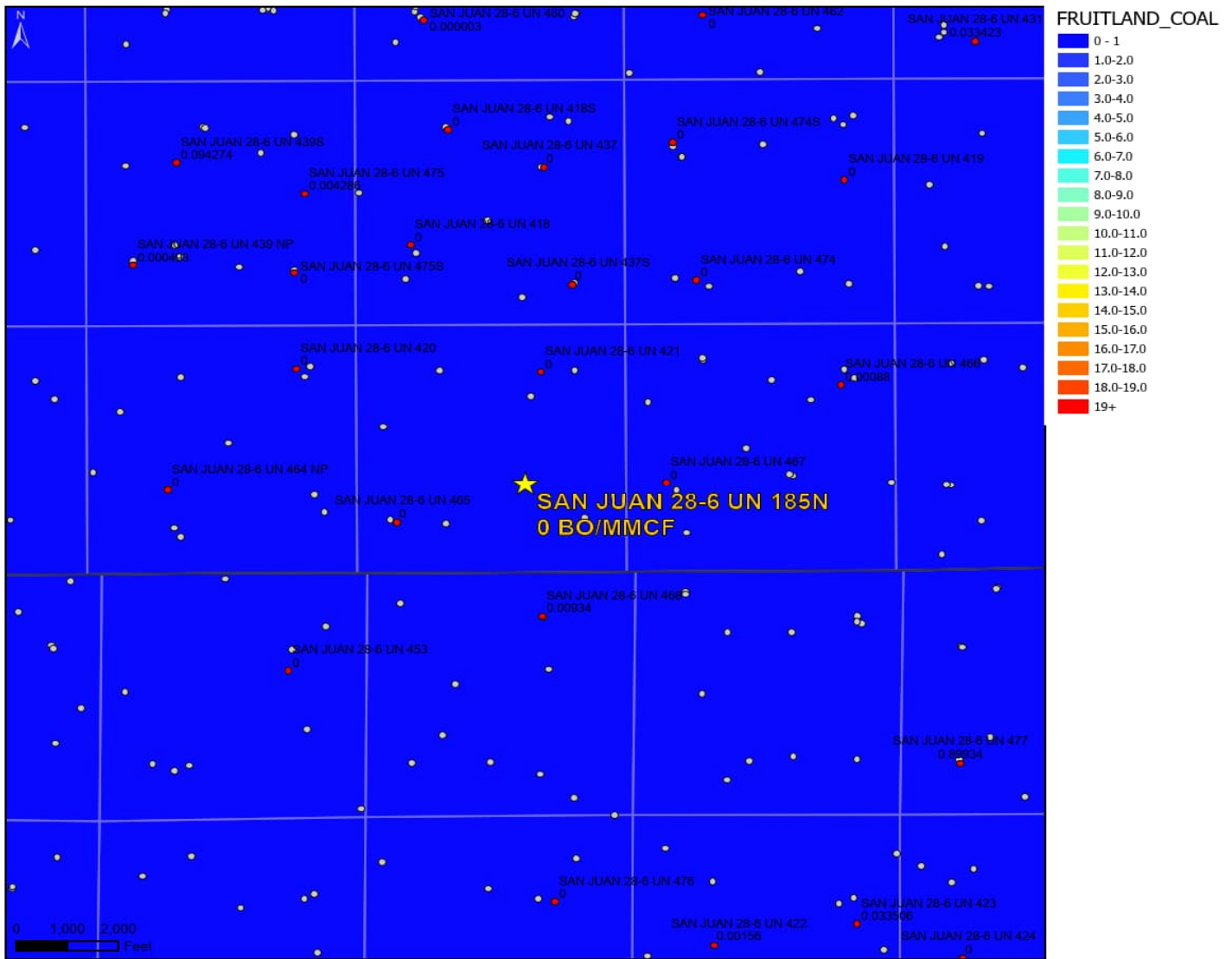
Oil production will be allocated based on average formation yields from offset wells and will be a fixed rate for 4 years.

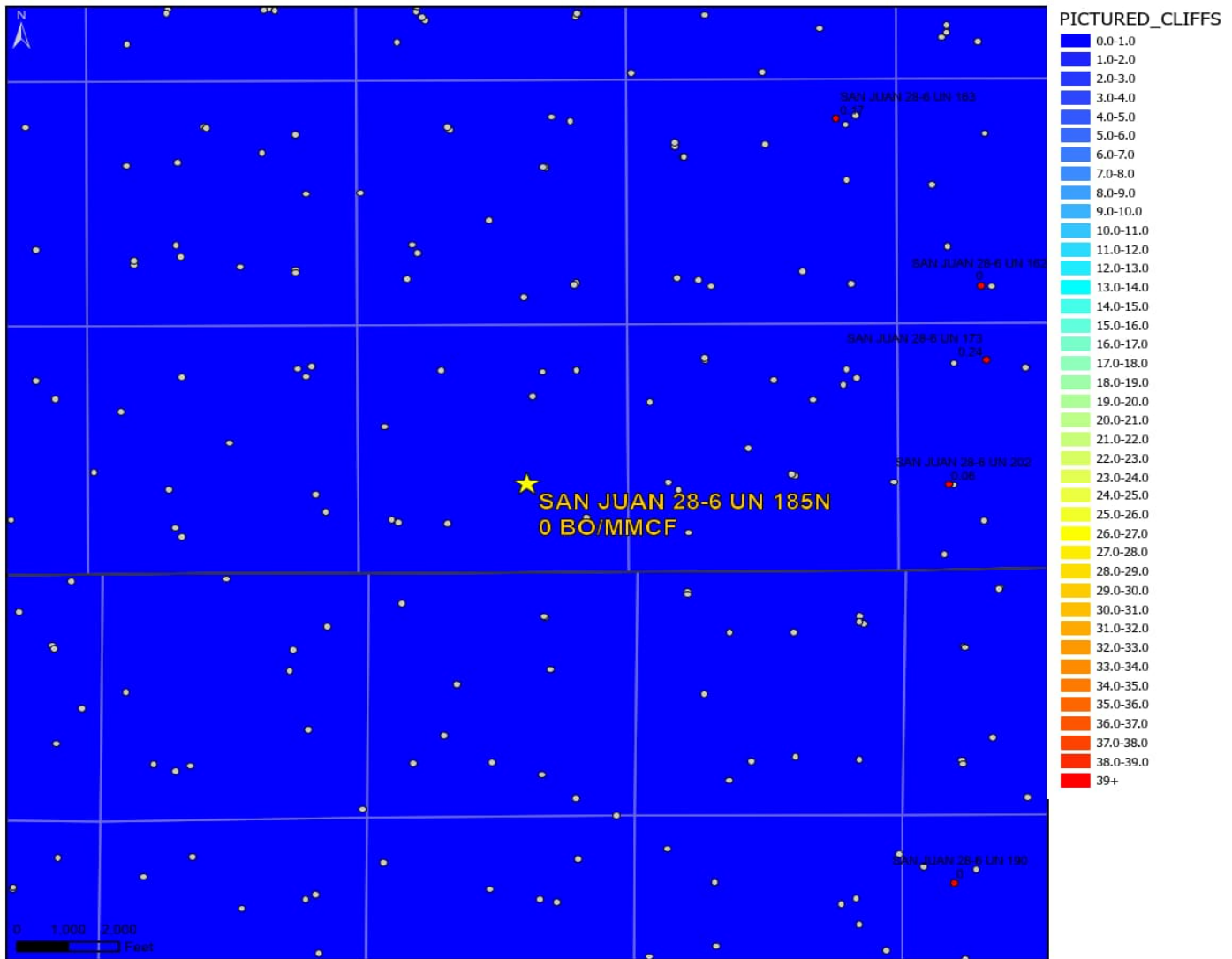
After 4 years oil will be reevaluated and adjusted as needed based on average formation yields and new fixed gas allocation.

| Formation | Yield (bbl/MM) | Remaining or Forecasted Reserves (MMcf) | % Oil Allocation |
|-----------|----------------|-----------------------------------------|------------------|
| DK        | 3.80           | 136                                     | 28%              |
| MV        | 3.50           | 375                                     | 72%              |
| FRC       | 0.00           | 661                                     | 0%               |
| PC        | 0.00           | 601                                     | 0%               |









Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 506395

CONDITIONS

|                                                                                |                                                     |
|--------------------------------------------------------------------------------|-----------------------------------------------------|
| Operator:<br>HILCORP ENERGY COMPANY<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br>372171                                    |
|                                                                                | Action Number:<br>506395                            |
|                                                                                | Action Type:<br>[C-103] NOI General Sundry (C-103X) |

CONDITIONS

| Created By | Condition                                                                                        | Condition Date |
|------------|--------------------------------------------------------------------------------------------------|----------------|
| dmcclure   | ACCEPTED FOR RECORD ONLY                                                                         | 10/23/2025     |
| dmcclure   | The production from the well shall be allocated to each pool as stipulated within the DHC Order. | 10/23/2025     |