

ID NO. 578553

DHC - 5584

RECEIVED: <b>04/23/26</b>	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Geological & Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Applicant:** Hilcorp Energy Company **OGRID Number:** 372171  
**Well Name:** SAN JUAN 29-5 UNIT 35F **API:** 30-039-30207  
**Pool:** BASIN FRUITLAND COAL, GOBERNADOR PICTURED CLIFFS **Pool Code:** 71629, 77440

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW**

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]  
 A. Location - Spacing Unit - Simultaneous Dedication  
 NSL       NSP (PROJECT AREA)       NSP (PRORATION UNIT)       SD
- B. Check one only for [ I ] or [ II ]  
 [ I ] Commingling - Storage - Measurement  
 DHC    CTB    PLC    PC    OLS    OLM  
 [ II ] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX    PMX    SWD    IPI    EOR    PPR

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.  
 A.  Offset operators or lease holders  
 B.  Royalty, overriding royalty owners, revenue owners  
 C.  Application requires published notice  
 D.  Notification and/or concurrent approval by SLO  
 E.  Notification and/or concurrent approval by BLM  
 F.  Surface owner  
 G.  For all of the above, proof of notification or publication is attached, and/or,  
 H.  No notice required

<u>FOR OCD ONLY</u>	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	Application Content Complete

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

DAWN NASH-DEAL

Print or Type Name

Dawn Nash Deal

Signature

04/22/2026  
Date

346-237-2143  
Phone Number

DNASH@HILCORP.COM  
e-mail Address

Submit 1 Copy To Appropriate District

Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-039-30207
5. Indicate Type of Lease STATE [ ] FEE [x]
6. State Oil & Gas Lease No. FEE
7. Lease Name or Unit Agreement Name SAN JUAN 29-5 UNIT
8. Well Number 35F
9. OGRID Number 372171
10. Pool name or Wildcat BASIN FRUITLAND COAL, GOBERNADOR PICTURED CLIFFS
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6694'

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)
1. Type of Well: Oil Well [ ] Gas Well [x] Other
2. Name of Operator HILCORP ENERGY COMPANY
3. Address of Operator 382 Road 3100, Aztec, NM 87410
4. Well Location Unit Letter F : 1597' feet from the NORTH line and 1769' feet from the WEST line
Section 34 Township 29N Range 05W NMPM County RIO ARRIBA

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [ ] PLUG AND ABANDON [ ]
TEMPORARILY ABANDON [ ] CHANGE PLANS [ ]
PULL OR ALTER CASING [ ] MULTIPLE COMPL [ ]
DOWNHOLE COMMINGLE [x]
CLOSED-LOOP SYSTEM [ ]
OTHER: [ ]
SUBSEQUENT REPORT OF:
REMEDIAL WORK [ ] ALTERING CASING [ ]
COMMENCE DRILLING OPNS. [ ] P AND A [ ]
CASING/CEMENT JOB [ ]
OTHER: [ ]

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

It is intended to recomplete the subject well in the Basin Fruitland Coal (pool 71629) and Gobernador Pictured Cliffs (pool 77440) and downhole commingle the existing with the Mesaverde. The production will be commingled per Oil Conservation Division Order Number 11363. See the attached allocation methodology. Commingling will not reduce the value of the production. The Bureau of Land Management has been notified in writing of this application.

Proposed perforations are: FRC ~3,276'-3,635' PC ~3,635'-3,706'. These perforations are in TVD.

As referenced in Order # R- 10770 interest owners were not re-notified.

Spud Date: [ ] Rig Release Date: [ ]

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Dawn Nash Deal TITLE Operations/Regulatory Technician DATE 04/22/2026

Type or print name DAWN NASH-DEAL E-mail address: DNASH@hilcorp.com PHONE: (346) 237-2143

For State Use Only

APPROVED BY: [ ] TITLE [ ] DATE [ ]

Conditions of Approval (if any):

District I  
1625 N. French Drive, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised August 1, 2011

District II  
811 S. First St., Artesia, NM 88210

**Oil Conservation Division**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE  
 Single Well  
 Establish Pre-Approved Pools  
EXISTING WELLBORE  
 Yes  No

District III  
1000 Rio Brazos Road, Aztec, NM 87410

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

**APPLICATION FOR DOWNHOLE COMMINGLING**

Hilcorp Energy Company 382 Road 3100, Aztec, NM 87410  
Operator Address

SAN JUAN 29-5 UNIT 35F F,34,29N,05W RIO ARRIBA  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 372171 Property Code 318837 API No. 30-039-30207 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	BASIN FRUITLAND COAL (GAS POOL)	GOBERNADOR PICTURED CLIFFS	BLANCO MESAVERDE (PRORATED GAS)
Pool Code	71629	77440	72319
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	~3,276'-3,635'	~3,635'-3,706'	5,274'-5,972'
Method of Production (Flowing or Artificial Lift)	ARTIFICIAL LIFT	ARTIFICIAL LIFT	ARTIFICIAL LIFT
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	34 BHP	231 BHP	234 BHP
Oil Gravity or Gas BTU (Degree API or Gas BTU)	937 BTU	1235 BTU	1211 BTU
Producing, Shut-In or New Zone	NEW ZONE	NEW ZONE	PRODUCING
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: Rates: Oil: Gas: Water:	Date: Rates: Oil: Gas: Water:	Date: 2/1/2026 Rates: Oil: 0 BBL Gas: 443 MCF Water: 0 BBL
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas % %	Oil Gas % %	Oil Gas % %

**ADDITIONAL DATA**

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes  No   
 If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes  No   
 Are all produced fluids from all commingled zones compatible with each other? Yes  No   
 Will commingling decrease the value of production? Yes  No   
 If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes  No

NMOCD Reference Case No. applicable to this well: R-10770

**Attachments:**

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

**PRE-APPROVED POOLS**

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Dawnash Deal TITLE Operations/Regulatory Technician DATE 04/22/2026  
 TYPE OR PRINT NAME DAWN NASH-DEAL TELEPHONE NO. (346)237-2143  
 E-MAIL ADDRESS DNASH@HILCORP.com

**District I**  
1301 W. Grand Ave., Artesia, NM 88210  
Phone:(505) 393-6161 Fax:(505) 393-0720

**District II**  
1301 W. Grand Ave., Artesia, NM 88210  
Phone:(505) 748-1283 Fax:(505) 748-9720

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**

**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-039-30207	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 31325	5. Property Name SAN JUAN 29 5 UNIT	
7. GRID No. 217817	8. Operator Name CONOCOPHILLIPS COMPANY	9. Elevation 6694

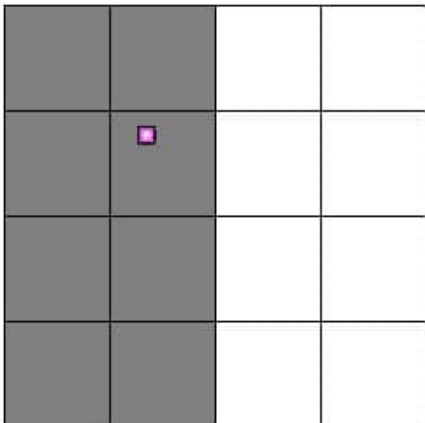
**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	34	29N	05W		1597	N	1769	W	RIO ARRIBA

**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 320.00		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**

	<p align="center"><b>OPERATOR CERTIFICATION</b></p> <p><i>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(s) 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.</i></p> <p>E-Signed By: Juanita Farrell Title: Regulatory Specialist Date: 2/23/2007</p> <hr/> <p align="center"><b>SURVEYOR CERTIFICATION</b></p> <p><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></p> <p>Surveyed By: Henry Broadhurst Date of Survey: 5/17/2006 Certificate Number: 11393</p>
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**State of New Mexico**  
**Energy, Minerals and Natural Resources**

District II  
 1301 W. Grand Ave., Artesia, NM 88210  
 Phone:(505) 748-1283 Fax:(505) 748-9720

**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-039-30207	2. Pool Code 71599	3. Pool Name BASIN DAKOTA (PRORATED GAS)
4. Property Code 31325	5. Property Name SAN JUAN 29 5 UNIT	
6. Well No. 035F	7. OGRID No. 217817	
8. Operator Name CONOCOPHILLIPS COMPANY	9. Elevation 6694	

**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	34	29N	05W		1597	N	1769	W	RIO ARRIBA

**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 320.00		13. Joint or Infill		14. Consolidation Code			15. Order No.		

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	<p align="center"><b>OPERATOR CERTIFICATION</b></p> <p><i>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(s) 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.</i></p> <p>E-Signed By: Juanita Farrell              Title: Regulatory Specialist              Date: 2/23/2007</p> <hr/> <p align="center"><b>SURVEYOR CERTIFICATION</b></p> <p><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></p> <p>Surveyed By: Henry Broadhurst              Date of Survey: 5/17/2006              Certificate Number: 11393</p>
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**Water Compatibility in the San Juan Basin**

- The San Juan basin has productive siliciclastic reservoirs (Pictured Cliffs, Blanco Mesaverde, Basin Dakota, etc.) and a productive coalbed methane reservoir (Basin Fruitland Coal).
- These siliciclastic and coalbed methane reservoirs are commingled extensively throughout the basin in many different combinations with no observed damage from clay swelling due to differing formation waters.
- The samples below all show fresh water with low TDS.
- Data taken from standalone completions in the zone of interest within a 2 mile radius of the well. A farther radius is used if there is not enough data for a proper statistical analysis.

Well Name	API
SAN JUAN 29-5 UNIT 35F	3003930207

FRC Offset (3.17 MILES)		PC Offset (3.07 MILES)		MV Offset (3.14 MILES)	
API	3003930890	API	3003927753	API	3003929693
Property	GOBERNADOR COM 100	Property	SAN JUAN 29-4 UNIT 25	Property	SAN JUAN 29-5 UNIT 48C
CationBarium	0.00	CationBarium	5.78	CationBarium	32.00
CationBoron	0	CationBoron	0	CationBoron	0
CationCalcium	11.10	CationCalcium	18.09	CationCalcium	12.00
CationIron	50.00	CationIron	15.62	CationIron	65.20
CationMagnesium	0.20	CationMagnesium	8.93	CationMagnesium	7.30
CationManganese	0.20	CationManganese	0.15	CationManganese	7.30
CationPhosphorus	0	CationPhosphorus	0	CationPhosphorus	0
CationPotassium	0	CationPotassium	0	CationPotassium	0
CationStrontium	0	CationStrontium	3.25	CationStrontium	0.00
CationSodium	373.42	CationSodium	2596.96	CationSodium	660.50
CationSilica	0	CationSilica	0	CationSilica	0
CationZinc	0	CationZinc	0	CationZinc	0
CationAluminum	0	CationAluminum	0	CationAluminum	0
CationCopper	0	CationCopper	0	CationCopper	0
CationLead	0	CationLead	0	CationLead	0
CationLithium	0	CationLithium	0	CationLithium	0
CationNickel	0	CationNickel	0	CationNickel	0
CationCobalt	0	CationCobalt	0	CationCobalt	0
CationChromium	0	CationChromium	0	CationChromium	0
CationSilicon	0	CationSilicon	0	CationSilicon	0
CationMolybdenum	0	CationMolybdenum	0	CationMolybdenum	0
AnionChloride	268.29	AnionChloride	3759.13	AnionChloride	900.00
AnionCarbonate	0	AnionCarbonate	0.00	AnionCarbonate	0
AnionBicarbonate	733.2	AnionBicarbonate	0	AnionBicarbonate	245
AnionBromide	0	AnionBromide	0	AnionBromide	0
AnionFluoride	0	AnionFluoride	0	AnionFluoride	0
AnionHydroxyl	0	AnionHydroxyl	0.00	AnionHydroxyl	0
AnionNitrate	0	AnionNitrate	0	AnionNitrate	0
AnionPhosphate	0	AnionPhosphate	0	AnionPhosphate	0
AnionSulfate	0.00	AnionSulfate	0.00	AnionSulfate	270.00
phField	6.59	phField	6.57	phField	6.80
phCalculated	0	phCalculated	0	phCalculated	0
TempField	0	TempField	72.50	TempField	0
TempLab	0	TempLab	0	TempLab	0
OtherFieldAlkalinity	0	OtherFieldAlkalinity	329.94	OtherFieldAlkalinity	0
OtherSpecificGravity	0	OtherSpecificGravity	1.00	OtherSpecificGravity	0
OtherTDS	1438.01	OtherTDS	6827.50	OtherTDS	2135.00
OtherCaCO3	0	OtherCaCO3	81.84	OtherCaCO3	0
OtherConductivity	0	OtherConductivity	12920.00	OtherConductivity	0
DissolvedCO2	0	DissolvedCO2	92.00	DissolvedCO2	0.00
DissolvedO2	0	DissolvedO2	0	DissolvedO2	0
DissolvedH2S	0.00	DissolvedH2S	0.90	DissolvedH2S	0.00
GasPressure	0	GasPressure	0	GasPressure	0
GasCO2	6.00	GasCO2	0.00	GasCO2	0.00
GasCO2PP	0	GasCO2PP	0.00	GasCO2PP	0
GasH2S	0.00	GasH2S	0.00	GasH2S	0.00
GasH2SPP	0	GasH2SPP	0.00	GasH2SPP	0
PitzerCaCO3_70	0	PitzerCaCO3_70	0	PitzerCaCO3_70	0
PitzerBaSO4_70	0	PitzerBaSO4_70	0	PitzerBaSO4_70	0
PitzerCaSO4_70	0	PitzerCaSO4_70	0	PitzerCaSO4_70	0
PitzerSrSO4_70	0	PitzerSrSO4_70	0	PitzerSrSO4_70	0
PitzerFeCO3_70	0	PitzerFeCO3_70	0	PitzerFeCO3_70	0
PitzerCaCO3_220	0	PitzerCaCO3_220	0	PitzerCaCO3_220	0
PitzerBaSO4_220	0	PitzerBaSO4_220	0	PitzerBaSO4_220	0
PitzerCaSO4_220	0	PitzerCaSO4_220	0	PitzerCaSO4_220	0
PitzerSrSO4_220	0	PitzerSrSO4_220	0	PitzerSrSO4_220	0
PitzerFeCO3_220	0	PitzerFeCO3_220	0	PitzerFeCO3_220	0

**Gas Compatibility in the San Juan Basin**

- The San Juan basin has productive siliciclastic reservoirs (Pictured Cliffs, Blanco Mesaverde, Basin Dakota, etc.) and a productive coalbed methane reservoir (Basin Fruitland Coal).  
 - These siliciclastic and coalbed methane reservoirs are commingled extensively throughout the basin in many different combinations with no observed damage from clay swelling due to differing formation waters or gas composition.  
 - The samples below all show offset gas analysis variability by formation is low.  
 - Data taken from standalone completions in the zone of interest within a 2 mile radius of the well. A farther radius is used if there is not enough data for a proper statistical analysis.

Well Name	API
SAN JUAN 29-5 UNIT 35F	3003930207

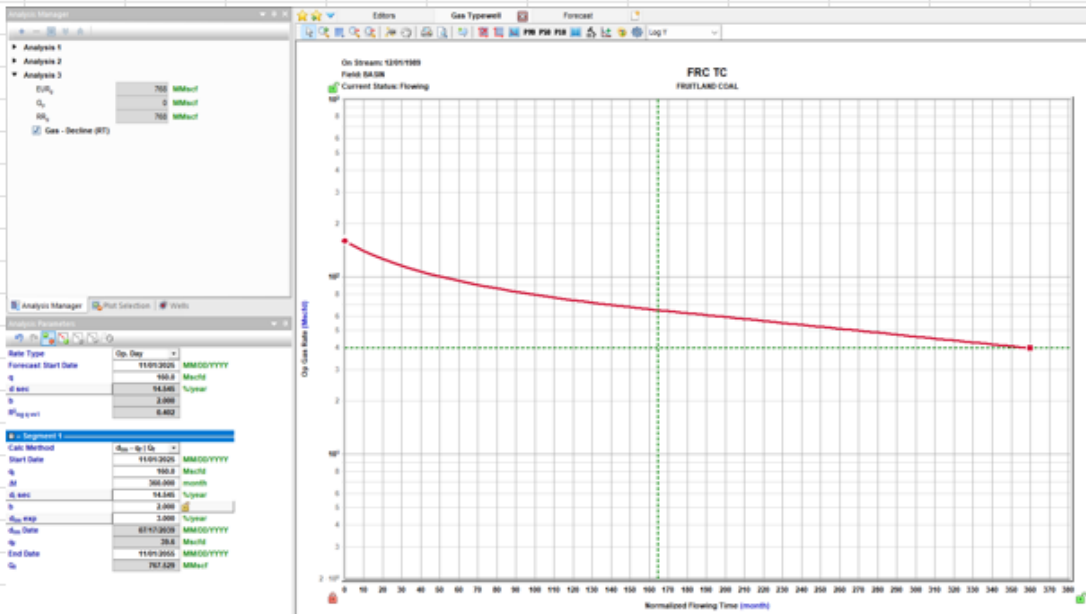
FRC Offset (4.56 MILES)		PC Offset (2.41 MILES)		MV Offset (3.18 MILES)	
AssetCode	3003925354	AssetCode	3003921454	AssetCode	3003907521
AssetName	DUGAN FEDERAL 2	AssetName	SAN JUAN 29-5 UNIT 80	AssetName	SAN JUAN 29-5 UNIT 12
CO2	0.11	CO2	0	CO2	0.02
N2	0	N2	0	N2	0
C1	0.86	C1	0.83	C1	0.82
C2	0.02	C2	0.08	C2	0.09
C3	0.01	C3	0.05	C3	0.04
ISOC4	0	ISOC4	0.01	ISOC4	0.01
NC4	0	NC4	0.01	NC4	0.01
ISOC5	0	ISOC5	0	ISOC5	0
NC5	0	NC5	0	NC5	0
NEOC5	0	NEOC5	0	NEOC5	0
C6	0	C6	0.01	C6	0.01
C6_PLUS	0	C6_PLUS	0	C6_PLUS	0
C7	0	C7	0	C7	0
C8	0	C8	0	C8	0
C9	0	C9	0	C9	0
C10	0	C10	0	C10	0
AR	0	AR	0	AR	0
CO	0	CO	0	CO	0
H2	0	H2	0	H2	0
O2	0	O2	0	O2	0
H2O	0	H2O	0	H2O	0
H2S	0	H2S	0	H2S	0
HE	0	HE	0	HE	0
C_O_S	0	C_O_S	0	C_O_S	0
CH3SH	0	CH3SH	0	CH3SH	0
C2H5SH	0	C2H5SH	0	C2H5SH	0
CH2S3_2CH3S	0	CH2S3_2CH3S	0	CH2S3_2CH3S	0
CH2S	0	CH2S	0	CH2S	0
C6HV	0	C6HV	0	C6HV	0
CO2GPM	0	CO2GPM	0	CO2GPM	0
N2GPM	0	N2GPM	0	N2GPM	0
C1GPM	0	C1GPM	0	C1GPM	0
C2GPM	0	C2GPM	0	C2GPM	0
C3GPM	0	C3GPM	0	C3GPM	0
ISOC4GPM	0	ISOC4GPM	0	ISOC4GPM	0
NC4GPM	0	NC4GPM	0	NC4GPM	0
ISOC5GPM	0	ISOC5GPM	0	ISOC5GPM	0
NC5GPM	0	NC5GPM	0	NC5GPM	0
C6_PLUSGPM	0	C6_PLUSGPM	0	C6_PLUSGPM	0

The near wellbore shut-in bottom hole pressures of the above reservoirs are much lower than the calculated far-field stabilized reservoir pressured due to the low permeability of the reservoirs. Based on pressure transient analysis performed in the San Juan Basin, it would take 7-25 years for shut-in bottom hole pressures to build up to the calculated far-field reservoir pressure. Our observation is that even for areas of high static reservoir pressures, the low permeability of the reservoir rock results in rapid depletion of the near-fracture region, quickly enough that the wells are unable to produce without the aid of a plunger. Given low permeabilities and low wellbore flowing pressures in the above reservoirs, loss of reserves due to cross-flow is not an issue during producing or shut-in periods. Given low shut-in bottom hole pressures, commingling the above reservoirs in this well will not result in shut-in or flowing wellbore pressures in excess of any commingled pool's fracture parting pressure. The pressures provided in the C-107A are based on shut-in bottom hole pressures of offset standalone wells which match expected near-wellbore shut-in bottom hole pressures of this proposed commingled completion.

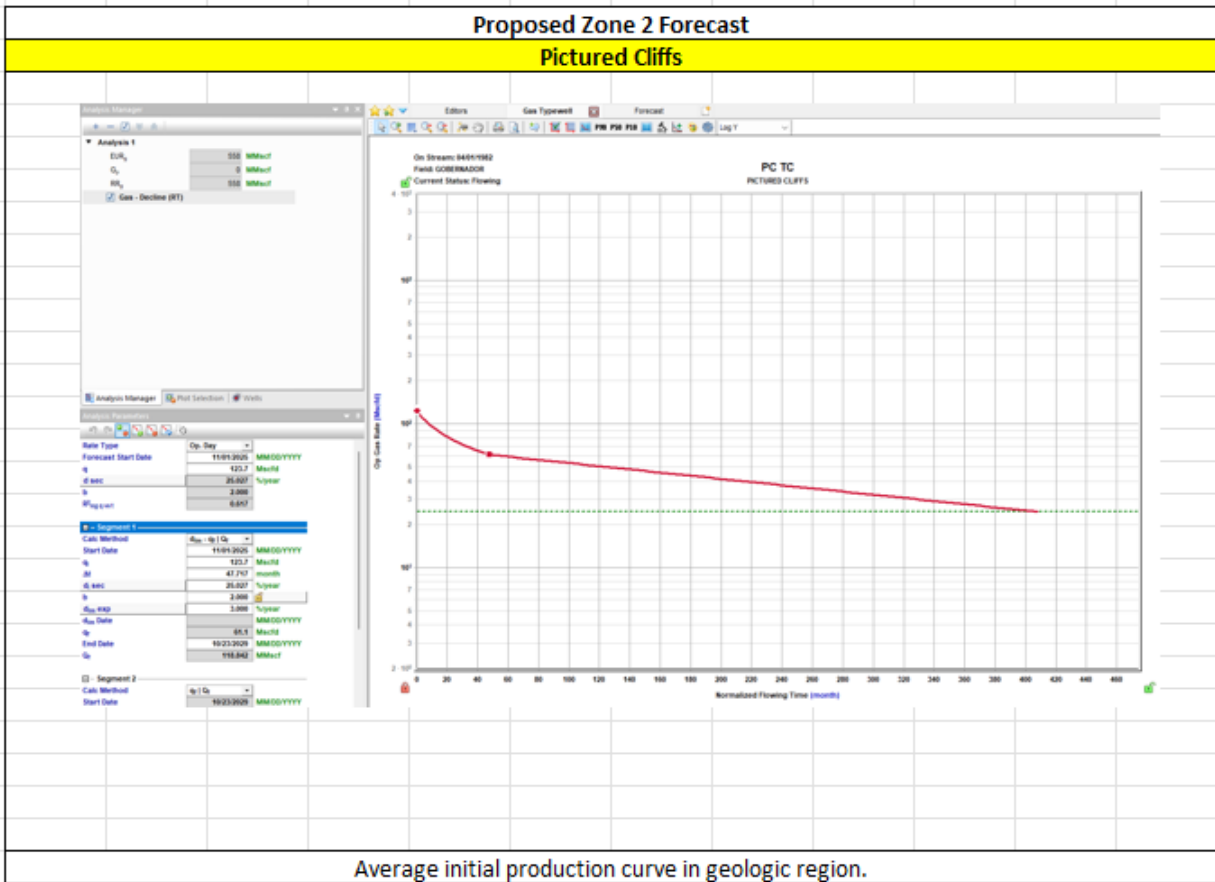
<p>Shut in pressures were calculated for operated offset standalone wells in each of the zones being commingled in the well in question via the following process:</p> <p>1) Wells were shut in for 24 hours                  2) Echometer was used to obtain a fluid level                  3) Shut in BHP was calculated for the proposed commingled completion</p>		
API	Well Name	Formation
List of wells used to calculate BHPs for the Project:		
3003924604	SAN JUAN 29-5 UNIT 213	FRC
3003921784	SAN JUAN 29-5 UNIT 93	PC
3003927869	SAN JUAN 29-5 UNIT 45M	MV
3003920773	SAN JUAN 29-5 UNIT 66	DK
<p>I believe each of the reservoirs to be continuous and in a similar state of depletion at this well and at each of the wells from which the pressures are being derived.</p>		

**Note:** BTU Data taken from standalone completions in the zone of interest within a 2 mile radius of the well.  
 A farther radius is used if there is not enough data for a proper statistical analysis.

### Proposed Zone 1 Forecast Fruitland Coal



Average initial production curve in geologic region.



**HEC Comments**

The production forecasts have been generated using type curves of production in the surrounding trend.

These zones are proposed to be commingled because the application of dual completions impedes the ability to produce the shallow zone without artificial lift and the deeper zones with reduced artificial lift efficiency. All horizons will require artificial lift due to low bottomhole pressure (BHP) and permeability.

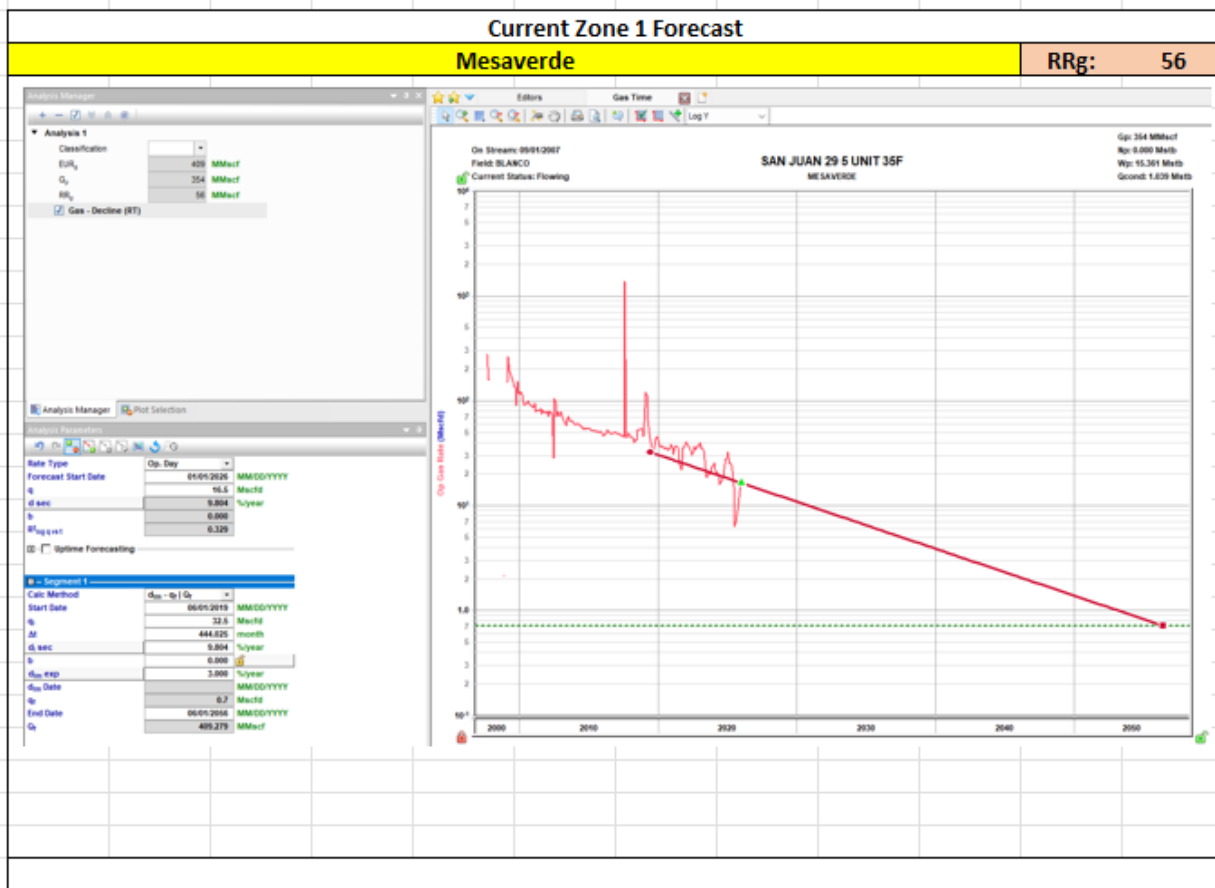
The BHPs of all zones, producing and non-producing, were estimated based upon basinwide Moving-Domain Material Balance models that have proven to approximate the pressure in the given reservoirs well in this portion of the basin. These models were constructed incorporating reservoir dynamics and physics, historic production, and observed pressure data. Historic commingling operations have proven reservoir fluids are compatible.

**Production Allocation Method - Subtraction**

**Gas Allocation:**

Production for the downhole commingle will be allocated using the subtraction method in agreement with local agencies. **The base formation is the Mesaverde. 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. After 3 years production will stabilize. A production average will be gathered during the 4th year and will be utilized to create a fixed percentage based allocation.

Formation	Remaining Reserves (MMcf)	% Gas Allocation
FRC	768	58%
PC	558	42%



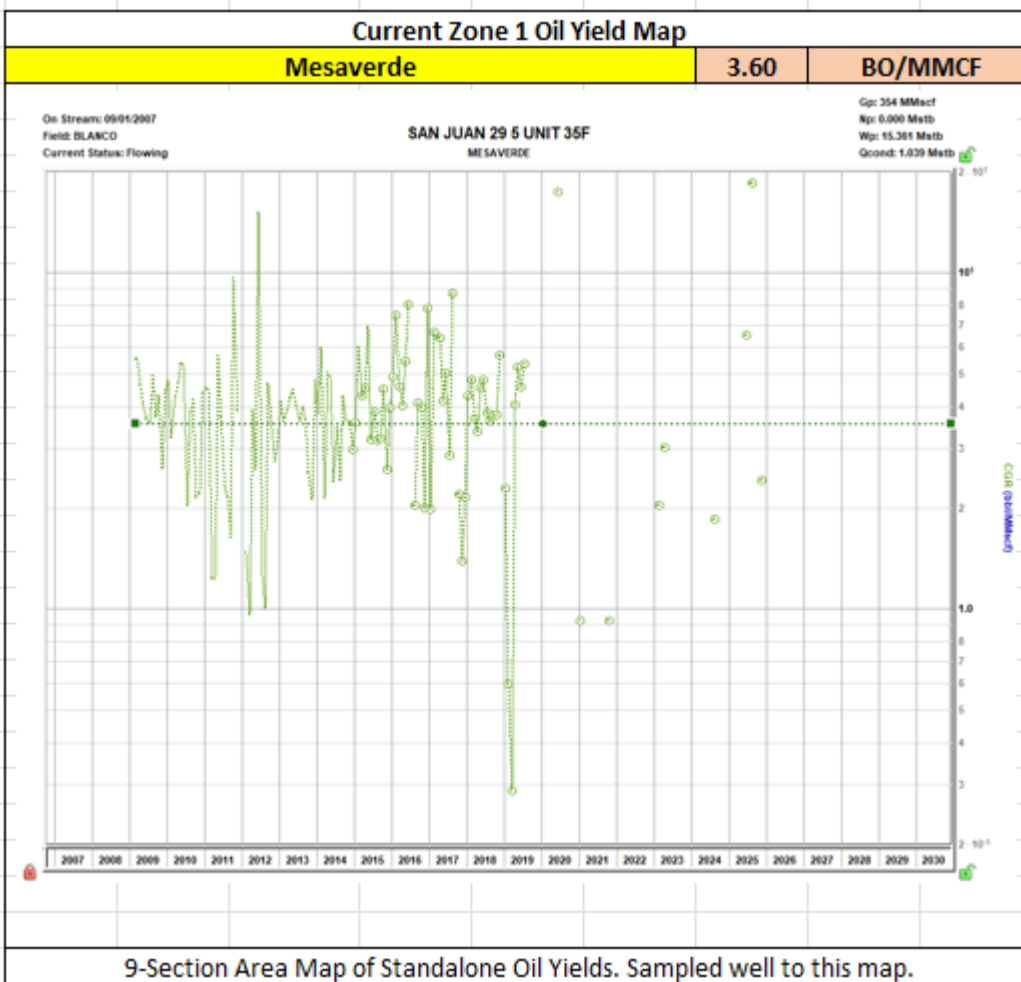
**Oil Allocation:**

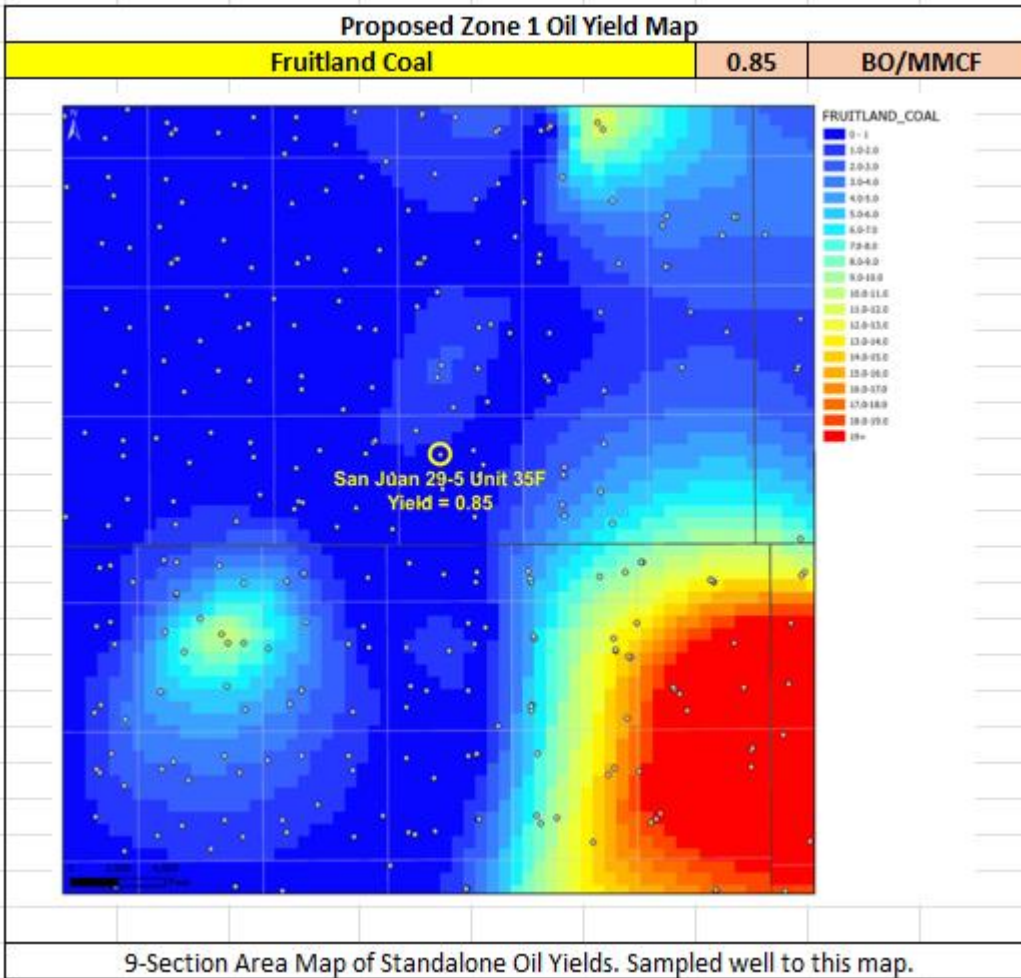
Oil production will be allocated based on average formation yields from offset wells and will be a fixed rate for 4 years.

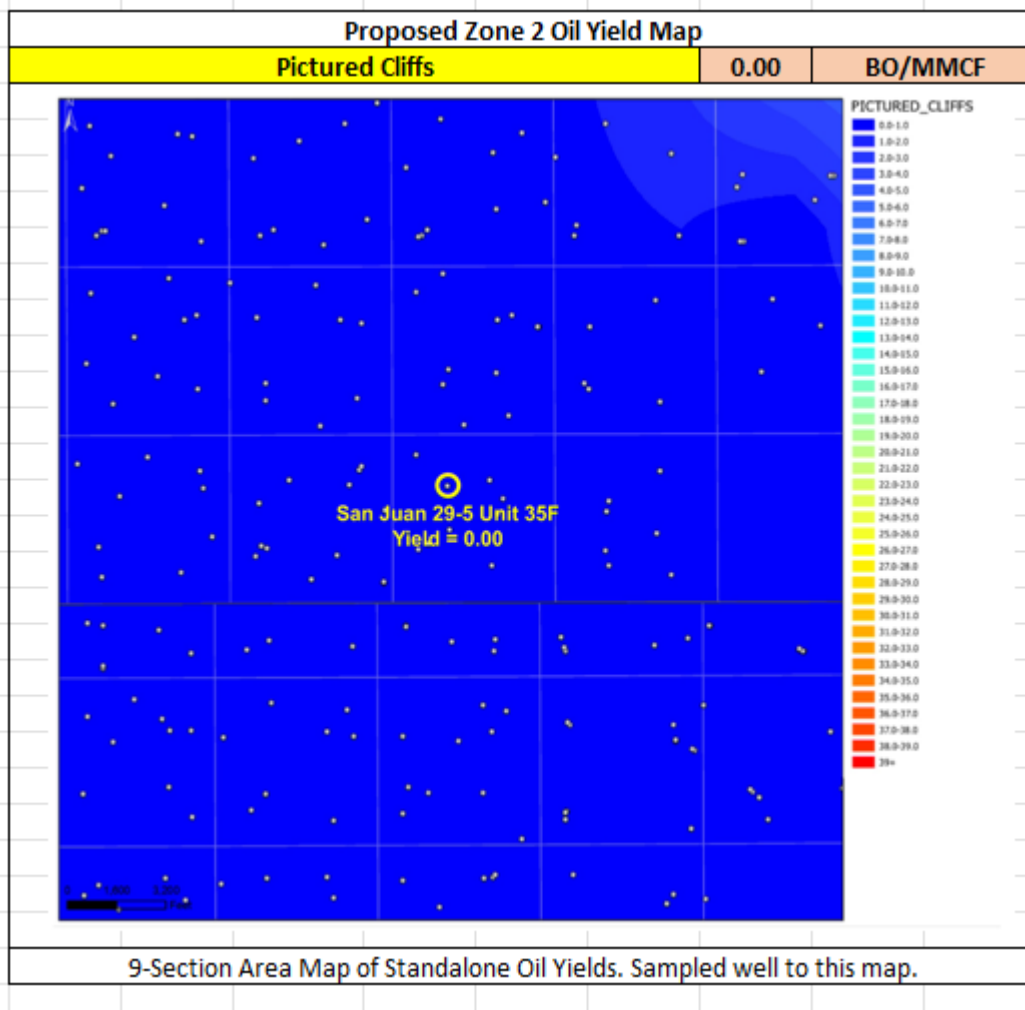
After 4 years oil will be reevaluated and adjust as needed based on average formation yields and new fixed gas allocation.

**All documentation will be submitted to NMOCD.**

Formation	Yield (bbl/MM)	Remaining Reserves (MMcf)	% Oil Allocation
MV	3.60	56	24%
FRC	0.85	768	76%
PC	0.00	558	0%
			100%







Santa Fe Main Office  
 Phone: (505) 476-3441  
 General Information  
 Phone: (505) 629-6116

State of New Mexico  
 Energy Minerals and Natural Resources

Form C-101  
 Revised July 18, 2013

Oil Conservation Division

AMENDED REPORT

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

1220 South St. Francis Dr.

Santa Fe, NM 87505

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410		<sup>2</sup> OGRID Number 372171
		<sup>3</sup> API Number 30-039-30207
<sup>4</sup> Property Code 318837	<sup>5</sup> Property Name SAN JUAN 29-5 UNIT	<sup>6</sup> Well No. 35F

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
F	34	29N	05W		1597'	FNL	1769'	FWL	FIO ARRIBA

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

**9. Pool Information**

Pool Name BASIN FRUITLAND COAL, GOBERNADOR PICTURED CLIFFS	Pool Code 71629, 77440
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**Additional Well Information**

<sup>11</sup> Work Type A	<sup>12</sup> Well Type G	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type P	<sup>15</sup> Ground Level Elevation 6694'
<sup>16</sup> Multiple Y	<sup>17</sup> Proposed Depth ~3276'-3635' ~3635'-3706'	<sup>18</sup> Formation BASIN FRC, GOBERNADOR PC	<sup>19</sup> Contractor	<sup>20</sup> Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

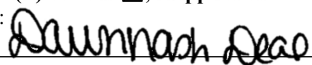
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC

**Casing/Cement Program: Additional Comments**

--

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature:  Printed name: DAWN NASH-DEAL Title: OPERATIONS REGULATORY TECH E-mail Address: DNASH@HILCORP.COM Date: 04/05/2026	OIL CONSERVATION DIVISION	
	Approved By:	
	Title:	
	Approved Date:	Expiration Date:
	Phone: 346-237-2143	Conditions of Approval Attached



**HILCORP ENERGY COMPANY**  
**San Juan 29-5 Unit 35F**  
**RECOMPLETION SUNDRY**

<b>Prepared by:</b>	Shammy Hisham
<b>Preparation Date:</b>	April 2, 2026

WELL INFORMATION			
<b>Well Name:</b>	San Juan 29-5 Unit 35F	<b>State:</b>	NM
<b>API #:</b>	3003930207	<b>County:</b>	
<b>Area:</b>	13	<b>Location:</b>	
<b>Route:</b>	1308	<b>Latitude:</b>	36.684945
<b>Spud Date:</b>	April 9, 2007	<b>Longitude:</b>	-107.347132

PROJECT DESCRIPTION
Perforate, fracture, and comingle the Fruitland Coal and Pictured Cliffs formations with the existing zones.

CONTACTS			
Title	Name	Office Phone #	Cell Phone #
Engineer	Shammy Hisham		832-672-1170
Area Foreman			
Lead			
Artificial Lift Tech			
Operator			



**HILCORP ENERGY COMPANY**  
**San Juan 29-5 Unit 35F**  
**RECOMPLETION SUNDRY**

JOB PROCEDURES
<ol style="list-style-type: none"> <li>1. MIRU service rig and associated equipment; test BOP.</li> <li>2. TOOH with 2-3/8" tubing set at 5813'.</li> <li>3. Set a 4-1/2" plug at +/- 5249' to isolate the Mesa verde.</li> <li>4. RU Wireline. Pull CBL. Record Top of Cement and submit to agencies.</li> <li>5. Load the hole and pressure test the casing.</li> <li>6. N/D BOP, N/U frac stack and pressure test frac stack.</li> <li>7. Perforate and frac the Fruitland Coal from 3276-3635' and the Pictured Cliffs from 3635-3706'.</li> <li>8. Nipple down frac stack, nipple up BOP and test.</li> <li>9. TIH with a mill and drill out top isolation plug and Fruitland Coal/Pictured Cliffs frac plugs.</li> <li>10. Clean out to Mesa Verde isolation plug.</li> <li>11. Drill out Mesa Verde isolation plug and cleanout to PBSD of 7807'. TOOH.</li> <li>12. TIH and land production tubing. Get a comingled Mesa Verde/Pictured Cliffs/Fruitland Coal flow rate.</li> </ol>



**HILCORP ENERGY COMPANY**  
**San Juan 29-5 Unit 35F**  
**RECOMPLETION SUNDRY**

San Juan 29-5 Unit 35F - CURRENT WELLBORE SCHEMATIC

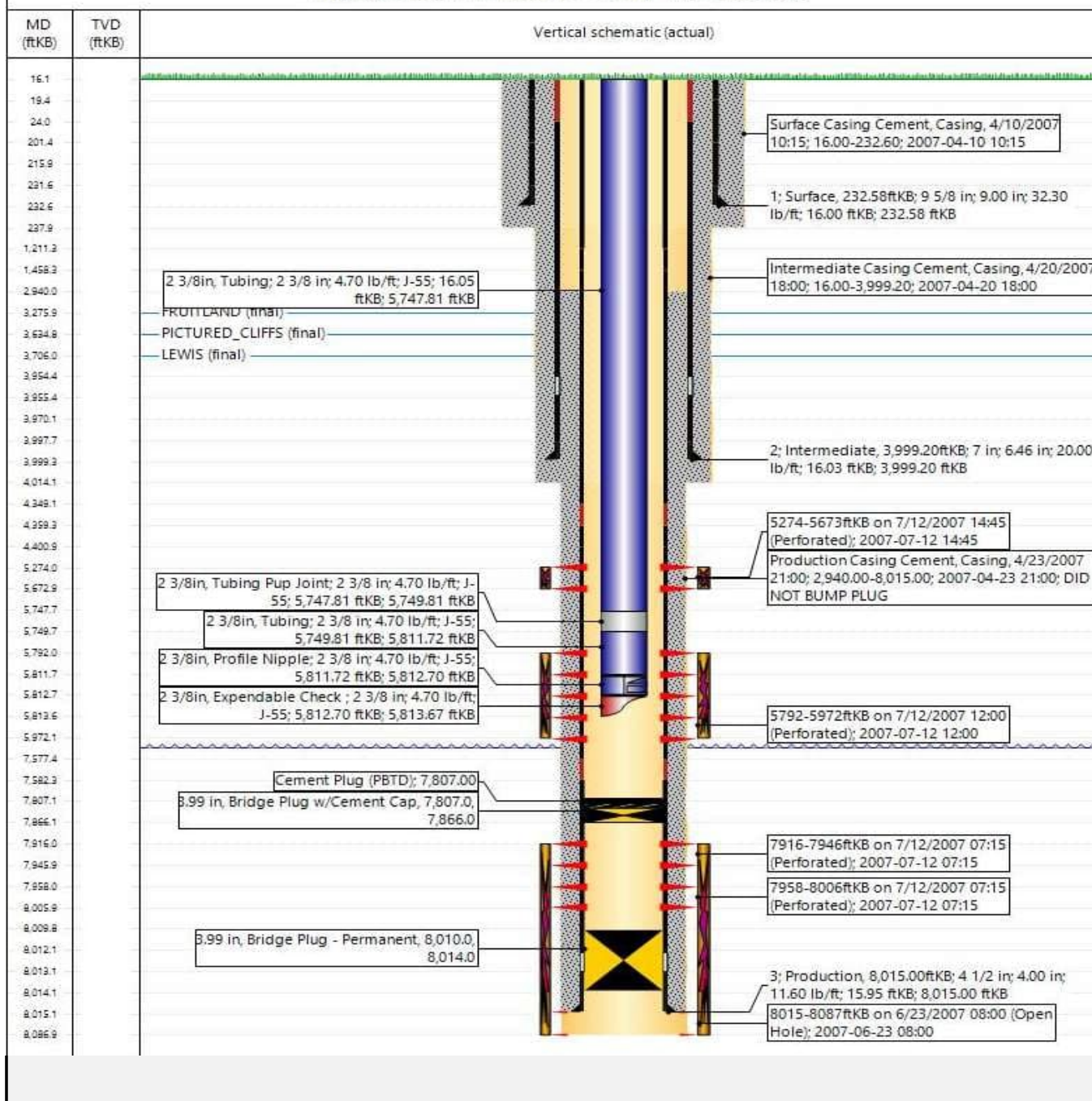


**Current Schematic - Version 3**

Well Name: SAN JUAN 29-5 UNIT #35F

API / UWI 3003930207	Surface Legal Location 034-029N-005W-F	Field Name MV/DK COM	Route 1308	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,692.00	Original KB/RT Elevation (ft) 6,708.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 16.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
<b>Tubing Strings</b>					
Run Date 1/23/2009 00:00	Set Depth (ftKB) 5,813.67	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Soud Date 4/9/2007 09:00

Original Hole, SAN JUAN 29-5 UNIT #35F [Vertical]





**HILCORP ENERGY COMPANY**  
**San Juan 29-5 Unit 35F**  
**RECOMPLETION SUNDRY**

San Juan 29-5 Unit 35F - Proposed Schematic

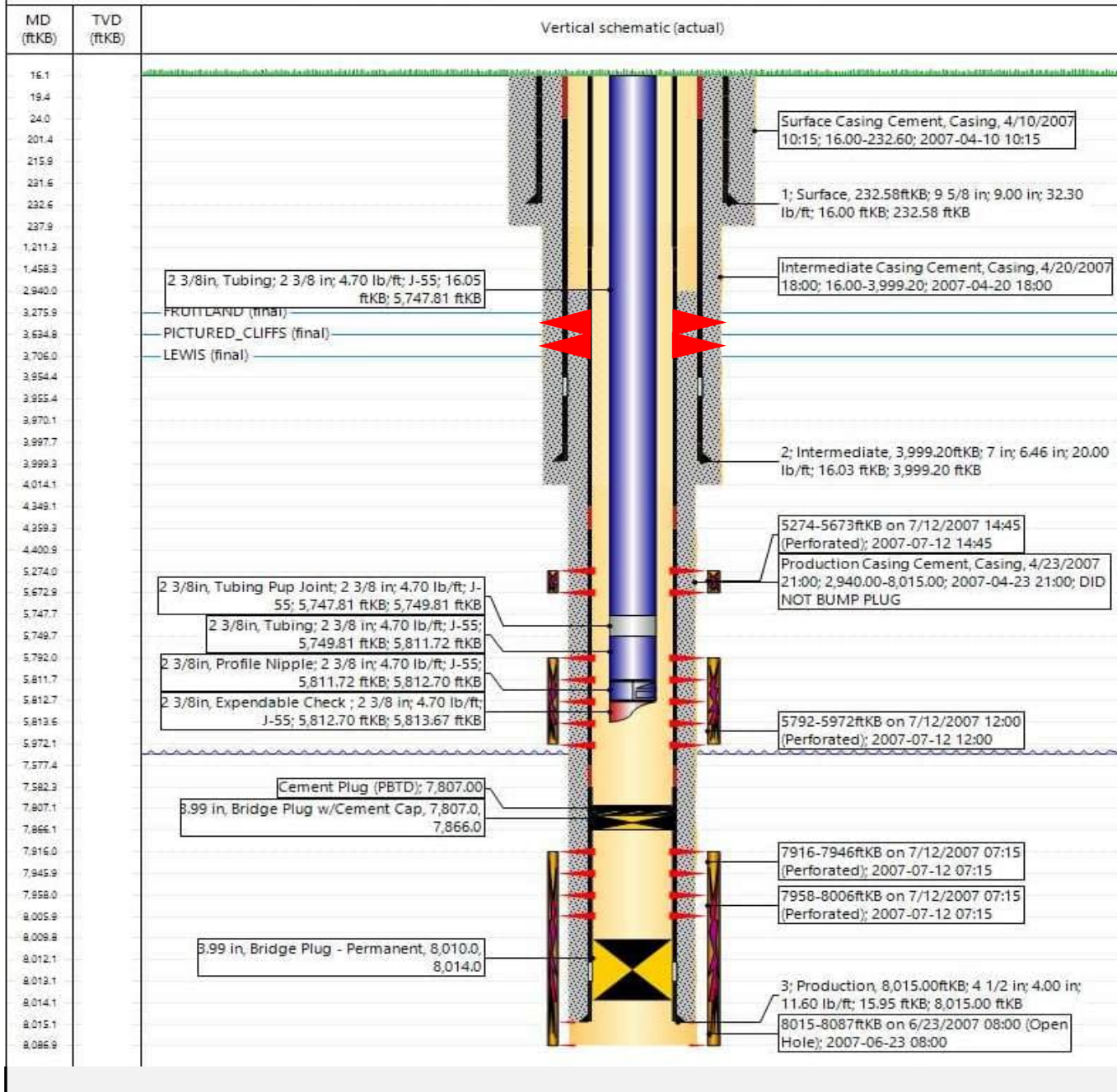


**Current Schematic - Version 3**

Well Name: **SAN JUAN 29-5 UNIT #35F**

API / UWI 3003930207	Surface Legal Location 034-029N-005W-F	Field Name MV/DK COM	Route 1308	State/Province NEW MEXICO	Well Configuration Type Vertical
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Original Hole, SAN JUAN 29-5 UNIT #35F [Vertical]



Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116  Online Phone Directory Visit: <a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a>	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	<b>C-102</b>  Revised July 9, 2024 Submit Electronically via OCD Permitting
	Submittal Type:	<input type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

**WELL LOCATION INFORMATION**

API Number 30-039-30207	Pool Code 71629	Pool Name BASIN FRUITLAND COAL
Property Code 318837	Property Name SAN JUAN 29-5 UNIT	Well Number 35F
OGRID No. 372171	Operator Name Hilcorp Energy Company	Ground Level Elevation 6694'
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

**Surface Location**

UL F	Section 34	Township 29N	Range 05W	Lot	Ft. from N/S 1597' FNL	Ft. from E/W 1769' FWL	Latitude 36.6849098	Longitude -107.3477859	County RIO ARRIBA
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**Bottom Hole Location**

UL F	Section 34	Township 29N	Range 05W	Lot	Ft. from N/S 1597' FNL	Ft. from E/W 1769' FWL	Latitude 36.6849098	Longitude -107.3477859	County RIO ARRIBA
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Dedicated Acres 320.00	Infill or Defining Well INFILL	Defining Well API 30-039-24977	Overlapping Spacing Unit (Y/N) N	Consolidation Code U
Order Numbers. N/A			Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
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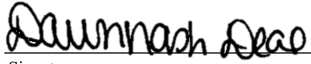
**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
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**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
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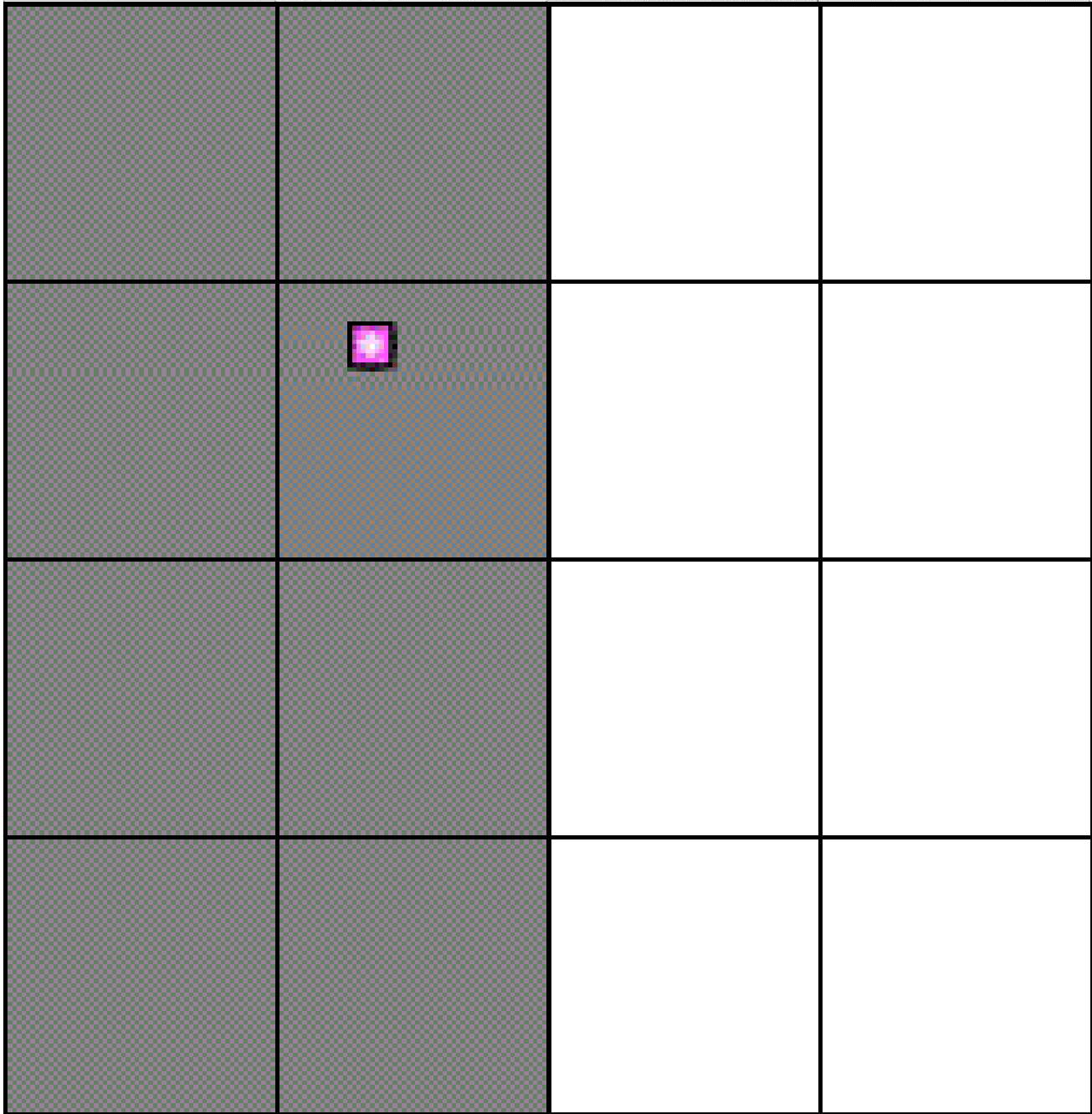
Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input checked="" type="checkbox"/> Vertical	Ground Floor Elevation: 6694'
---	--	----------------------------------

<p><b>OPERATOR CERTIFICATIONS</b></p> <p><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></p> <p><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></p> <p> 4/2/2026                  Signature Date</p> <p>DAWN NASH-DEAL                  Printed Name</p> <p>DNASH@HILCORP.COM                  Email Address</p>	<p><b>SURVEYOR CERTIFICATIONS</b></p> <p><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></p> <p>HENRY BROADHRST                  Signature and Seal of Professional Surveyor</p> <p>11393 5/17/2006                  Certificate Number Date of Survey</p>
---	---

Note: 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.

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116  Online Phone Directory Visit: <a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a>	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	<b>C-102</b>  Revised July 9, 2024 Submit Electronically via OCD Permitting			
		Submittal Type: <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input type="checkbox"/> Initial Submittal</td> </tr> <tr> <td><input type="checkbox"/> Amended Report</td> </tr> <tr> <td><input type="checkbox"/> As Drilled</td> </tr> </table>	<input type="checkbox"/> Initial Submittal	<input type="checkbox"/> Amended Report	<input type="checkbox"/> As Drilled
<input type="checkbox"/> Initial Submittal					
<input type="checkbox"/> Amended Report					
<input type="checkbox"/> As Drilled					

**WELL LOCATION INFORMATION**

API Number 30-039-30207	Pool Code 77440	Pool Name GOBERNADOR PICTURED CLIFFS
Property Code 318837	Property Name SAN JUAN 29-5 UNIT	Well Number 35F
OGRID No. 372171	Operator Name Hilcorp Energy Company	Ground Level Elevation 6694'
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

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**Bottom Hole Location**

UL F	Section 34	Township 29N	Range 05W	Lot	Ft. from N/S 1597' FNL	Ft. from E/W 1769' FWL	Latitude 36.6849098	Longitude -107.3477859	County RIO ARRIBA
---------	---------------	-----------------	--------------	-----	---------------------------	---------------------------	------------------------	---------------------------	----------------------

Dedicated Acres 160.00	Infill or Defining Well DEFINING	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code U
Order Numbers. N/A			Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
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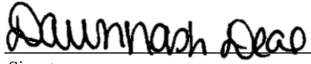
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**Last Take Point (LTP)**

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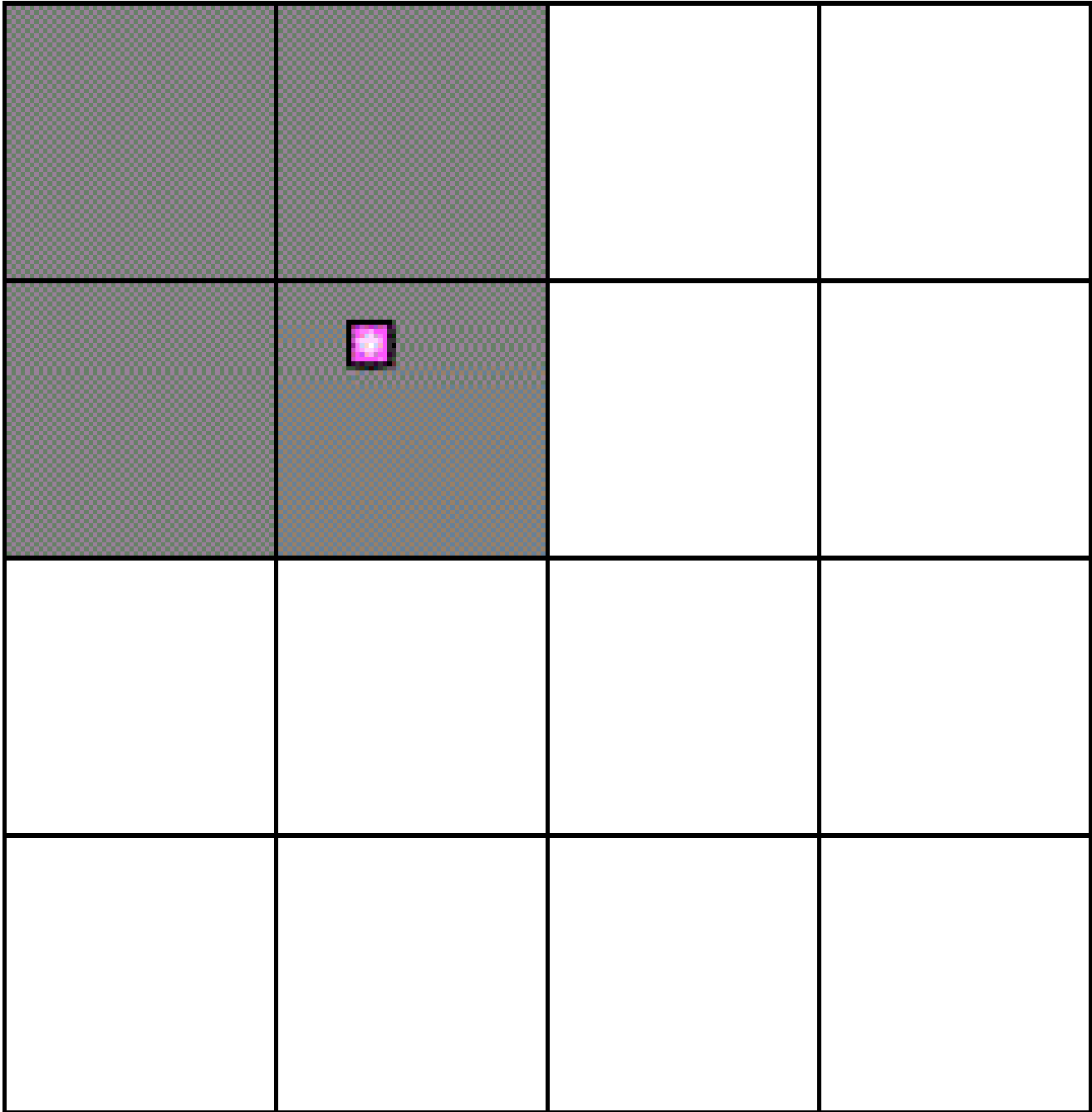
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State of New Mexico  
 Energy, Minerals and Natural Resources Department

Submit Electronically  
 Via E-permitting

Oil Conservation Division  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

## NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

### Section 1 – Plan Description Effective May 25, 2021

**I. Operator:** Hilcorp Energy Company **OGRID:** 372171 **Date:** 4/1/2026

**II. Type:**  Original  Amendment due to  19.15.27.9.D(6)(a) NMAC  19.15.27.9.D(6)(b) NMAC  Other.

If Other, please describe: \_\_\_\_\_

**III. Well(s):** Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
SAN JUAN 29-6 UNIT 40A	30-039-21573	O,23,29N,06W	1190' FSL & 1800' FEL	0 BBL	350 MCF	5 BBL

**IV. Central Delivery Point Name:** IGNACIO PROCESSING PLANT [See 19.15.27.9(D)(1) NMAC]

**V. Anticipated Schedule:** Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
SAN JUAN 29-6 UNIT 40A	30-039-21573					

**VI. Separation Equipment:**  Attach a complete description of how Operator will size separation equipment to optimize gas capture.

**VII. Operational Practices:**  Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

**VIII. Best Management Practices:**  Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

**Section 2 – Enhanced Plan**  
**EFFECTIVE APRIL 1, 2022**

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

**IX. Anticipated Natural Gas Production:**

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

**X. Natural Gas Gathering System (NGGS):**

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

**XI. Map.**  Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

**XII. Line Capacity.** The natural gas gathering system  will  will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

**XIII. Line Pressure.** Operator  does  does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

Attach Operator’s plan to manage production in response to the increased line pressure.

**XIV. Confidentiality:**  Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

### Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system.

***If Operator checks this box, Operator will select one of the following:***

**Well Shut-In.**  Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

**Venting and Flaring Plan.**  Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- (a) power generation on lease;
- (b) power generation for grid;
- (c) compression on lease;
- (d) liquids removal on lease;
- (e) reinjection for underground storage;
- (f) reinjection for temporary storage;
- (g) reinjection for enhanced oil recovery;
- (h) fuel cell production; and
- (i) other alternative beneficial uses approved by the division.

### Section 4 - Notices

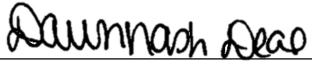
1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature: 
Printed Name: DAWN NASH-DEAL
Title: OPERATIONS REGULATORY TECHNICIAN
E-mail Address: Dnash@hilcorp.com
Date: 4/1/2026
Phone: 346-237-2143
<b>OIL CONSERVATION DIVISION</b> <b>(Only applicable when submitted as a standalone form)</b>
Approved By:
Title:
Approval Date:
Conditions of Approval:

## VI. Separation Equipment:

Hilcorp Energy Company (HEC or Operator) production facilities include separation equipment designed to efficiently separate gas from liquid phases to optimize gas capture based on projected and estimated volumes from the targeted pool of our recomplete project. HEC will utilize flowback separation equipment and production separation equipment designed and built to industry specifications after the recomplete to optimize gas capture and send gas to sales or flare based on analytical composition. HEC operates facilities that are typically one-well facilities. Production separation equipment is upgraded prior to well being completed, if determined to be undersized or inadequate. This equipment is already on-site and tied into our sales gas lines prior to the recomplete operations.

## VII. Operational Practices:

1. Subsection (A) Venting and Flaring of Natural Gas
  - HEC understands the requirements of NMAC 19.15.27.8 which outlines that the venting and flaring of natural gas during drilling, completion or production operations that constitutes waste as defined in 19.15.2 are prohibited.
2. Subsection (B) Venting and Flaring during drilling operations
  - This gas capture plan isn't for a well being drilled.
3. Subsection (C) Venting and flaring during completion or recompletion
  - Flowlines will be routed for flowback fluids into a completion or storage tank and if feasible under well conditions, flare rather than vent and commence operation of a separator as soon as it is technically feasible for a separator to function.
  - At any point in the well life (completion, production, inactive) an audio, visual and olfactory inspection be performed at prescribed intervals (weekly or monthly) pursuant to Subsection D of 19.15.27.8 NMAC, to confirm that all production equipment is operating properly and there are no leaks or releases.
4. Subsection (D) Venting and flaring during production operations
  - At any point in the well life (completion, production, inactive) an audio, visual and olfactory inspection be performed at prescribed intervals (weekly or monthly) pursuant to Subsection D of 19.15.27.8 NMAC, to confirm that all production equipment is operating properly and there are no leaks or releases.
  - Monitor manual liquid unloading for wells on-site or in close proximity (<30 minutes' drive time), take reasonable actions to achieve a stabilized rate and pressure at the earliest practical time, and take reasonable actions to minimize venting to the maximum extent practicable.
  - HEC will not vent or flare except during the approved activities listed in NMAC 19.15.27.8 (D) 1-4.
5. Subsection (E) Performance standards
  - All tanks and separation equipment are designed for maximum throughput and pressure to minimize waste.
  - If a flare is utilized during production operations it will have a continuous pilot and is located more than 100 feet from any known well or storage tanks.
  - At any point in the well life (completion, production, inactive) an audio, visual and olfactory inspection be performed at prescribed intervals (weekly or monthly) pursuant to Subsection D of 19.15.27.8 NMAC, to confirm that all production equipment is operating properly and there are no leaks or releases.

6. Subsection (F) Measurement or estimation of vented and flared natural gas
  - Measurement equipment is installed to measure the volume of natural gas flared from process piping.
  - When measurement isn't practicable, estimation of vented and flared natural gas will be completed as noted in 19.15.27.8 (F) 5-6.

VIII. Best Management Practices:

1. Operator has adequate storage and takeaway capacity for wells it chooses to recomplete as the flowlines at the sites are already in place and tied into a gathering system.
2. Operator will flare rather than vent vessel blowdown gas when technically feasible during active and/or planned maintenance to equipment on-site.
3. Operator combusts natural gas that would otherwise be vented or flared, when technically feasible.
4. Operator will shut in wells in the event of a takeaway disruption, emergency situation, or other operations where venting or flaring may occur due to equipment failures.

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**

ACKNOWLEDGMENTS

Action 571450

**ACKNOWLEDGMENTS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 571450
	Action Type: [C-101] Drilling Non-Federal/Indian (APD)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I hereby certify that no additives containing PFAS chemicals will be added to the completion or recompletion of this well.
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**Santa Fe, NM 87505**

CONDITIONS

Action 571450

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 571450
	Action Type: [C-101] Drilling Non-Federal/Indian (APD)

**CONDITIONS**

Created By	Condition	Condition Date
ward.rikala	Notify OCD inspector by email 24 hrs prior to commencing operations.	4/16/2026
ward.rikala	All conducted logs must be submitted to OCD.	4/16/2026
ward.rikala	Cement must be adequate for zonal isolation prior to perforating.	4/16/2026
ward.rikala	New C-104 must be submitted upon completion of workover.	4/16/2026
ward.rikala	DHC Order must be obtained prior to commingling of production from this well.	4/16/2026

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

**APPLICATION FOR DOWNHOLE COMMINGLING  
SUBMITTED BY HILCORP ENERGY COMPANY**

**ORDER NO. DHC-5584**

**ORDER**

The Director of the New Mexico Oil Conservation Division (“OCD”), having considered the application and the recommendation of the Engineering Bureau, issues the following Order.

**FINDINGS OF FACT**

1. Hilcorp Energy Company (“Applicant”) submitted a complete application (“Application”) to downhole commingle the pools described in Exhibit A (“the Pools”) within the well bore of the well identified in Exhibit A (“the Well”).
2. Applicant proposed a method to allocate the oil and gas production from the Well to each of the Pools that is satisfactory to the OCD and protective of correlative rights.
3. Applicant has certified that all produced fluids from all the Pools are compatible with each other.
4. Applicant has certified that downhole commingling the Pools will not decrease the value of the oil and gas production.
5. An exception to the notification requirements within 19.15.12.11(C)(1)(b) NMAC was granted by the Division within Order R-10770.
6. Applicant provided notice of the Application to the Bureau of Land Management (“BLM”) or New Mexico State Land Office (“NMSLO”), as applicable.

**CONCLUSIONS OF LAW**

7. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, Sections 70-2-6, 70-2-11, 70-2-12, 70-2-16, 70-2-17, and 19.15.12 NMAC.
8. The downhole commingling of the Pools is common, or Applicant has provided evidence that the fluids are compatible and will not damage the Pools in accordance with 19.15.12.11(A)(1) NMAC.
9. The bottom perforation of the lower zone is within one hundred fifty percent (150%) of the depth of the top perforation in the upper zone or Applicant has provided evidence that the proposed commingling of the Pools shall not result in shut-in or flowing well bore pressure in excess of the commingled pool’s fracture parting pressure in accordance with 19.15.12.11(A)(3) NMAC.

10. Applicant's proposed method of allocation, as modified herein, complies with 19.15.12.11(A)(8) NMAC.
11. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

### **ORDER**

1. Applicant is authorized to downhole commingle the Pools described in Exhibit A within the well bore of the well identified in Exhibit A.
2. This Order supersedes Order DHC-2538.
3. Applicant shall allocate a fixed percentage of the oil production from the Well to each of the Pools until a different plan to allocate oil production is approved by OCD. Of the oil production from the Well:
  - a. seventy six percent (76%) shall be allocated to the Basin Fruitland Coal pool (pool ID: 71629);
  - b. zero percent (0%) shall be allocated to the Gobernador Pictured Cliffs pool (pool ID: 77440); and
  - c. twenty four percent (24%) shall be allocated to the Blanco Mesaverde pool (pool ID: 72319).

Applicant shall allocate gas production to the new pool(s) equal to the total gas production from the Well minus the projected gas production from the current pool(s) until a different plan to allocate gas production is approved by OCD. The new pool(s) are:

- a. the Basin Fruitland Coal pool (pool ID: 71629); and
- b. the Gobernador Pictured Cliffs pool (pool ID: 77440).

The current pool(s) are:

- a. the Blanco Mesaverde pool (pool ID: 72319).

Until a different plan to allocate gas production is approved by OCD, of the gas production allocated to the new pools:

- a. seventy six percent (76%) shall be allocated to the Basin Fruitland Coal pool (pool ID: 71629); and
- b. forty two percent (42%) shall be allocated to the Gobernador Pictured Cliffs pool (pool ID: 77440).

Applicant shall calculate the oil and gas production average during the fourth year after the commencement of commingling, which shall be used to establish a fixed percentage of the total oil and gas production that shall be allocated to each of the Pools ("fixed percentage allocation plan"). No later than ninety (90) days after the fourth year, Applicant shall submit a Form C-103 to the OCD Engineering Bureau that includes the fixed percentage allocation plan and all data used to determine it. If Applicant fails to do so, this Order shall terminate on the following day. If OCD denies the fixed percentage allocation plan, this Order shall terminate on the date of such action. If OCD approves the percentage allocation plan with

or without modifications, then the approved percentage allocation plan shall be used to determine oil and gas allocation starting on the date of such action until the Well is plugged and abandoned.

4. If an alteration is made to the Well or a condition within the Well changes which may cause the allocation of production to the Pools as approved within this Order to become inaccurate, then no later than sixty (60) days after that event, Applicant shall submit Form C-103 to the OCD Engineering Bureau describing the event and include a revised allocation plan. If OCD denies the revised allocation plan, this Order shall terminate on the date of such action.
5. If any of the pools being commingled is prorated, or the Well's production has been restricted by an OCD order in any manner, the allocated production from each producing pool in the commingled well bore shall not exceed the top oil or gas allowable rate for a well in that pool or rate restriction applicable to the well.
6. If the Well is deepened, then no later than forty-five (45) days after the Well is deepened, Applicant shall conduct and provide logs to OCD that are sufficient for OCD to determine which pool(s) each new completed interval of the Well will produce from.
7. If the downhole commingling of the Pools reduces the value of the oil and gas production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred Applicant shall submit a new downhole commingling application to OCD to amend this Order to remove the pool that caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.
8. If a completed interval of the Well is altered from what is submitted within the Application as identified in Exhibit A, then no later than sixty (60) days after the alteration, Applicant shall submit Form C-103 to the OCD Engineering Bureau detailing the alteration and completed interval.
9. If OCD determines that Applicant has failed to comply with any provision of this Order, OCD may take any action authorized by the Oil and Gas Act or the New Mexico Administrative Code (NMAC).
10. OCD retains jurisdiction of this matter and reserves the right to modify or revoke this Order as it deems necessary.

**STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION**

*Albert Chang*

**ALBERT CHANG  
DIVISION DIRECTOR**

**DATE:** 05/22/2026

State of New Mexico  
Energy, Minerals and Natural Resources Department

## Exhibit A

Order: **DHC-5584**

Operator: **Hilcorp Energy Company**

Well Name: **San Juan 29 05 Unit Well No. 35F**

Well API: **30-039-30207**

Pool Name: **Basin Fruitland Coal**

<b>Upper Zone</b>	Pool ID: <b>71629</b>	Current:	New: <b>X</b>
	Allocation:	Oil: <b>76.0%</b>	Gas: <b>58.0%</b>
		Top: <b>3,276</b>	Bottom: <b>3,635</b>

Pool Name: **Gobernador Pictured Cliffs**

<b>Intermediate Zone</b>	Pool ID: <b>77440</b>	Current:	New: <b>X</b>
	Allocation:	Oil: <b>0.0%</b>	Gas: <b>42.0%</b>
		Top: <b>3,635</b>	Bottom: <b>3,706</b>

Bottom of Interval within 150% of Upper Zone's Top of Interval: **YES**

Pool Name: **Blanco Mesaverde**

<b>Lower Zone</b>	Pool ID: <b>72319</b>	Current: <b>X</b>	New:
	Allocation: <b>Fixed Percent</b>	Oil: <b>24.0%</b>	Gas: <b>SUBT</b>
		Top: <b>5,274</b>	Bottom: <b>5,972</b>

Bottom of Interval within 150% of Upper Zone's Top of Interval: **NO**

Top of Queen Formation:

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CONDITIONS

Action 578553

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 578553
	Action Type: [C-107] Down Hole Commingle (C-107A)

**CONDITIONS**

Created By	Condition	Condition Date
llowe	None	5/20/2026