

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

**APPLICATION OF HILCORP ENERGY
COMPANY FOR DOWNHOLE
COMMINGLING IN ITS SHEETS 004E
WELL, SAN JUAN COUNTY, NEW MEXICO.**

CASE NO. _____

APPLICATION

Hilcorp Energy Company, ("Hilcorp") (OGRID No. 372171), through its undersigned counsel, hereby files this application with the Oil Conservation Division for approval to downhole commingle production from the Basin-Dakota Gas Pool (Pool Code 71599) with production from the Basin-Fruitland Coal Gas Pool (Pool Code 71629) within the wellbore of its **Sheets 004E Well** (API 30-045-33892). In support of this application, Hilcorp states:

1. Hilcorp is the operator of the **Sheets 004E Well** (API 30-045-33892), which is at a standard location 1,525 feet from the south line and 815 feet from the west line (Unit L) in Section 28, Township 31 North, Range 9 West, NMPM, San Juan County, New Mexico. The Sheets 004E Well is currently dedicated to a 318-acre, more or less, standard spacing unit within the Basin-Dakota Pool comprised of the S/2 of said Section 28.
2. Hilcorp proposes to re-complete the well within the Fruitland formation and simultaneously dedicate it to a standard 318-acre spacing unit in the Basin-Fruitland Coal Gas Pool (Pool Code 71629) comprised of the S/2 of said Section 28.
3. The ownership of the mineral estate is identical between the existing spacing unit within the Basin-Dakota Pool and the proposed Basin-Fruitland Coal Gas spacing unit.

Accordingly, notification of this application and hearing is not required. *See* 19.15.4.12(A)(6) NMAC.

4. Applicant filed an application on Form C-107-A seeking administrative approval to downhole commingle. *See* Exhibit A, attached. The Division informed Hilcorp that the application must be heard before a Division Examiner at a hearing pursuant to 19.15.12.11(C)(1)(d) NMAC.

5. In accordance with Division regulation 19.15.12.11 NMAC, Hilcorp will establish at hearing the following criteria necessary for approval:

- a. the fluids from each pool proposed for downhole commingling are compatible and combining the fluids will not damage the pools;
- b. downhole commingling will not jeopardize the efficiency of present or future secondary recovery operations in the pools to be commingled;
- c. downhole commingling will not result in shut-in or flowing wellbore pressures in excess of any commingled pool's fracture parting pressure;
- d. downhole commingling will not result in the permanent loss of reserves due to cross-flow in the well bore;
- e. 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;
- f. downhole commingling will not reduce the value of the total remaining production; and
- g. correlative rights will not be violated;

6. Applicant proposes that gas production from the commingled pools be allocated using a subtraction method to be proposed at the hearing in this matter, and that production of condensate be allocated to the Dakota formation.

7. Approval is in the best interest of conservation, the prevention of waste, and the protection of correlative rights.

WHEREFORE, Hilcorp Energy Company requests that this application be set before an Examiner of the Oil Conservation Division on November 14, 2019, and, after notice and hearing as required by law, that the Division enter an order granting this Application.

Respectfully submitted,

HOLLAND & HART LLP

By: 

Michael H. Feldewert
Adam G. Rankin
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ATTORNEYS FOR HILCORP ENERGY COMPANY

Case No. _____ : **Application of Hilcorp Energy Company for Downhole Commingling in its Sheets 004E Well, San Juan County, New Mexico.** Pursuant to 19.15.12.11 NMAC, applicant seeks an order authorizing it to downhole commingle production from the Basin-Dakota Gas Pool (Pool Code 71599) with production from the Basin-Fruitland Coal Gas Pool (Pool Code 71629) within the wellbore of its **Sheets 004E Well** (API 30-045-33892) which is at a standard location 1,525 feet from the south line and 815 feet from the west line (Unit L) in Section 28, Township 31 North, Range 9 West, NMPM, San Juan County, New Mexico. The Sheets 004E Well is currently dedicated to a standard 318-acre, more or less, spacing unit within the Basin-Dakota Pool comprised of the S/2 of said Section 28. Hilcorp proposes to re-complete the well within the Fruitland formation and simultaneously dedicate it to a standard 318-acre, more or less, spacing unit in the Basin-Fruitland Coal Gas Pool (Pool Code 71629) comprised of the S/2 of said Section 28. Said area is approximately 12 miles northeast, of Aztec, NM.

RECEIVED:	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: <u>Hilcorp Energy Company</u>	OGRID Number: <u>372171</u>
Well Name: <u>Sheets 4E</u>	API: <u>30-045-33892</u>
Pool: <u>Basin Fruitland Coal / Basin Dakota</u>	Pool Code: <u>71629 / 71599</u>

**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 holdersB. ☐ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☐ Notification and/or concurrent approval by SLOE. ☐ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☐ For all of the above, proof of notification or publication is attached, and/or,H. ☒ No notice required**FOR OCD ONLY**☐ Notice Complete☐ 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.

Thomas Jacques

Print or Type Name

8/8/2019

Date

832.839.4582

Phone Number

tjacques@hilcorp.com

e-mail Address

Signature

EXHIBIT A

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised August 1, 2011

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

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

APPLICATION FOR DOWNHOLE COMMINGLING

Operator Hilcorp Energy Company Address 382 Road 3100, Aztec, NM 87410
Sheets #004E L 28 31N 09W San Juan County
Lease Well No. Unit Letter-Section-Township-Range
OGRID No. 372171 Property Code 318729 API No. 3004533892 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	BASIN FRUITLAND COAL		BASIN DAKOTA
Pool Code	71629		71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2828'-3017'		7370'-7522'
Method of Production (Flowing or Artificial Lift)	New Zone		Plunger 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)	150 psi		200 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1000 BTU		1000 BTU
Producing, Shut-In or 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: N/A Rates:	Date: Rates:	Date: 5/2019 Rates: 0 BO, 1197 MCF, 45 BW
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 Will be supplied upon completion	Oil Gas Will be supplied upon completion	Oil Gas Will be supplied upon completion

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: _____

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 Priscilla Shorty TITLE Operations/Regulatory Technician - Sr. DATE 8/8/2019

TYPE OR PRINT NAME Priscilla Shorty TELEPHONE NO. (505) 324-5188

E-MAIL ADDRESS pshorty@hilcorp.com **EXHIBIT A**

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 W. Grand Ave., Artesia, N.M. 88210

DISTRICT III
1000 Rio Orazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 South St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-33890	² Pool Code 71599	³ Pool Name Basin Dakota
⁴ Property Code 7504	⁵ Property Name SHEETS	⁶ Well Number 4E
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6187

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	28	31-N	9-W	2	1525	SOUTH	815	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L									
¹² Dedicated Acres DK 318.200ac. S2		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>16</p> <p>LOT 1 39.10</p> <p>FD. 3 1/4" BC. 1966 B.L.M.</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Philana Thompson</i> Signature Date Philana Thompson Printed Name Regulatory Analyst</p>
<p>28</p> <p>USA SF-080376-A</p> <p>LAT: 36.86604° N. (NAD 83) LONG: 107.79194° W. (NAD 83) LAT: 36°51.9627' N. (NAD 27) LONG: 107°47.5164' W. (NAD 27)</p> <p>LOT 3 39.39</p> <p>LOT 4 39.43</p> <p>FD. 3 1/4" BC. 1966 B.L.M.</p>	<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JUNE 17, 2006 Date of Survey Signature JOHN A. VUKONICH REGISTERED PROFESSIONAL SURVEYOR 14831 Certificate Number</p>

EXHIBIT A

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6176 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

Form G-102
August 1, 2011

Permit 270019

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-33892	2. Pool Code 71629	3. Pool Name BASIN FRUITLAND COAL (GAS)
4. Property Code 318729	5. Property Name SHEETS	6. Well No. 004E
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6187

10. Surface Location

UL - Lot L	Section 28	Township 31N	Range 09W	Lot Idn 2	Feet From 1525	N/S Line S	Feet From 815	E/W Line W	County SAN JUAN
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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 318.02	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

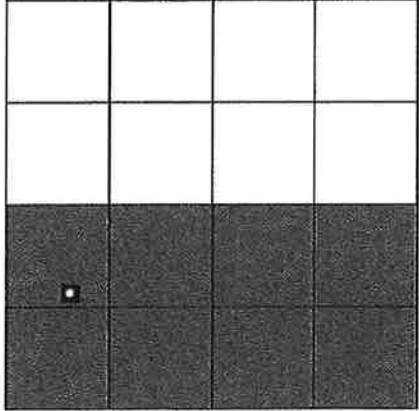
	<p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed 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: <i>Priscilla Shorty</i> Title: Operations Regulatory Tech - Sr. Date: 07/18/2019</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</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: John Vukonich Date of Survey: 6/17/2006 Certificate Number: 14831</p>
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EXHIBIT A

Discussion of Pressures

Reservoir	Bottom Hole Pressure
Basin Fruitland Coal	150 psi
Basin Dakota	200 psi

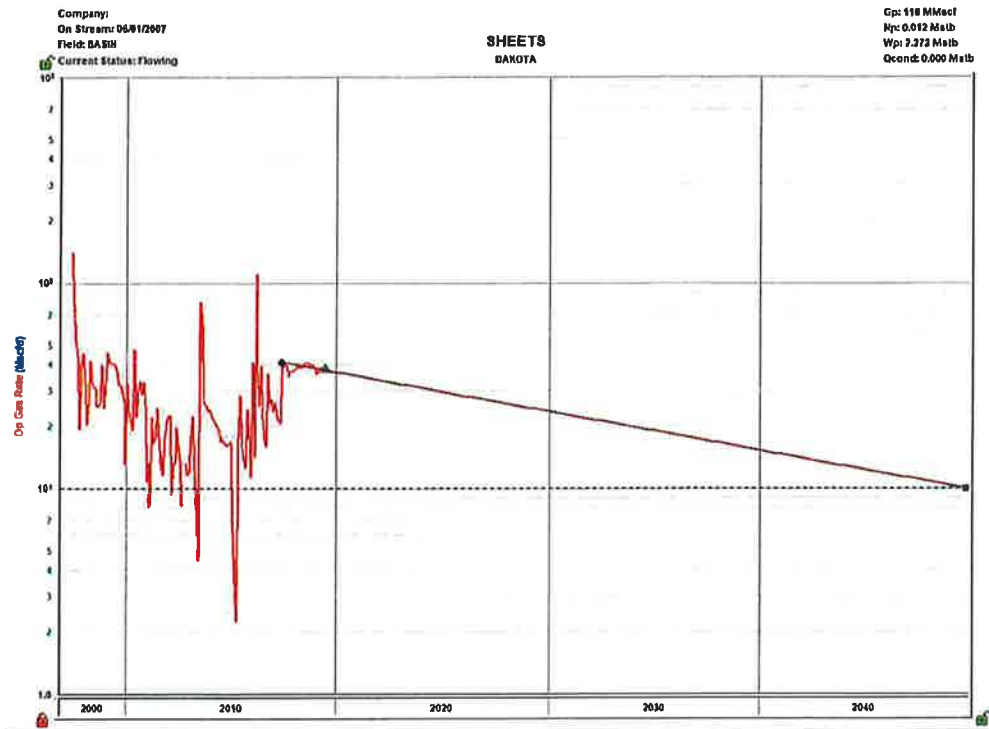
The pressure provided is the near wellbore shut in bottom hole pressure of the Basin Dakota. The near wellbore shut in bottom hole pressure is much lower than the far field stabilized reservoir pressure calculated with moving domain material balance due to the low permeability of the reservoirs. Based 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 pressure, the low permeability of the reservoir rock results in rapid depletion of the near-fracture region quickly enough that the wells are unable produce without the aid of a plunger. Given low permeability and low wellbore flowing pressure in the Basin Dakota and Basin Fruitland Coal, loss of reserves due to cross-flow is not an issue during producing or shut-in periods. Given the low shut-in bottom hole pressures, commingling the Basin Dakota and Basin Fruitland Coal in this well will not result in shut-in or flowing wellbore pressures in excess of any commingled pool's fracture parting pressure.

John Brown 8/7/19

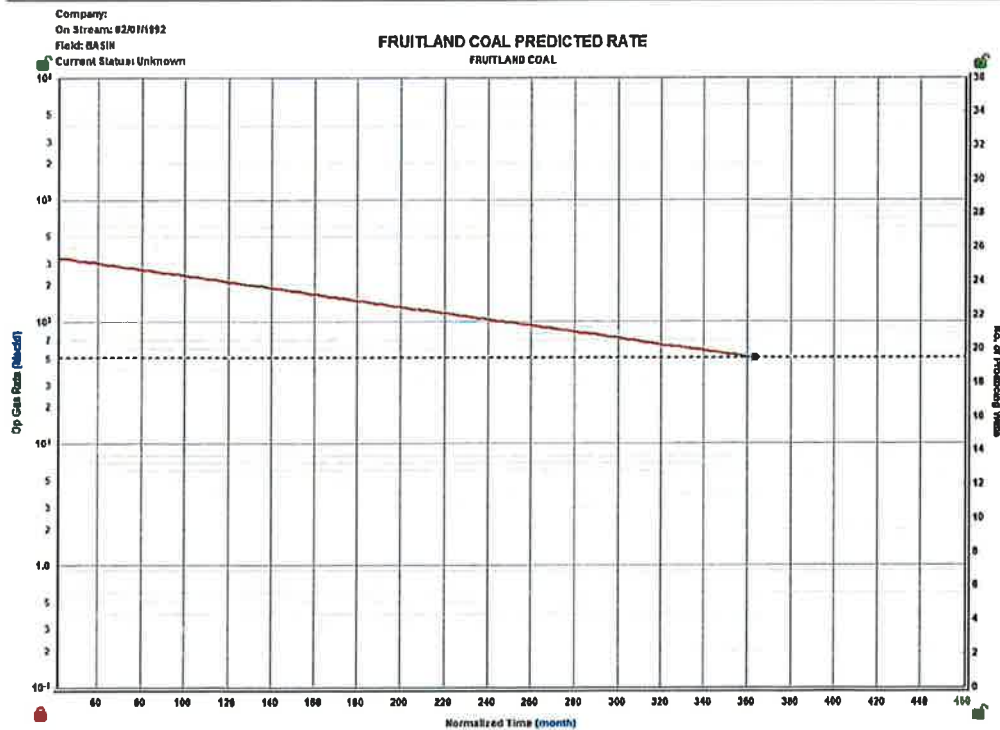
John Brown

Hilcorp San Juan Reservoir Engineer

Sheets #4E Basin Dakota Forecast



Sheets #4E Predicted Basin Fruitland Coal Forecast



The Sheets #4E predicted Basin Fruitland Coal rate is based on type well and volumetric analysis of offset Basin Fruitland Coal producers. The reservoir fluids of the commingled completions are compatible.

EXHIBIT A

JUSTIFICATION OF ALLOCATION: Hilcorp requests that production for the downhole commingle be allocated using the subtraction method. The base formations is the Basin Dakota and the added formation to be commingled is the Basin Fruitland Coal. 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). A fixed percentage based allocation will be submitted after the fourth year of production. See attached documents for production forecast. The Basin Fruitland Coal will not produce oil. All oil produced will be allocated to the Basin Dakota.

EXHIBIT A

Historical Production

Basin Dakota

	Oil (BBLS)	Gas (MCF)	Water (BBLS)
Dec-18	0	1181	45
Jan-19	0	1118	45
Feb-19	0	1034	41
Mar-19	0	1192	45
Apr-19	0	1152	43
May-19	0	1197	45

EXHIBIT A



August 8, 2019

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Attn: Michael McMillan

Re: C-107-A (Downhole Commingle)
Sheets 004E
API: 30-045-33892
T31N-R9W-Section 28, Unit Letter: L
San Juan County, NM

Mr. McMillan:

Concerning Hilcorp Energy Company's C-107-A application to downhole commingle production in the subject well, this letter serves to confirm the following:

- All working, royalty and overriding royalty interests are identical between the Basin Dakota (71599) and Basin Fruitland Coal (71629) in the spacing unit dedicated to these formations; being the S/2 (318.02 acres) of Township 31 North, Range 9 West, Section 28. Therefore, no notice to interest owners is required.
- The spacing unit is comprised of a federal lease. Therefore, pursuant to Subsection C.(1) of 19.15.12.11 NMAC, a copy of the C-107-A has been sent to the BLM as of the date of this letter.

If you have any questions or concerns regarding this matter, please do not hesitate to contact me at the email or number provided below.

Regards,

Hilcorp Energy Company

A handwritten signature in blue ink, appearing to read 'R. Carlson'.

Robert T. Carlson
Landman
(832) 839-4596
rcarlson@hilcorp.com

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. SHEETS 4E
2. Name of Operator HILCORP ENERGY COMPANY Contact: PRISCILLA SHORTY E-Mail: pshorty@hilcorp.com		9. API Well No. 30-045-33892
3a. Address 382 ROAD 3100 AZTEC, NM 87410	3b. Phone No. (include area code) Ph: 505-324-5188	10. Field and Pool or Exploratory Area BASIN DAKOTA
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 28 T31N R09W Mer NMP NWSW 1525FSL 815FWL		11. County or Parish, State SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" 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 checked="" 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 recompleat 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 performed 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 recompleat 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 determined that the site is ready for final inspection.

Hilcorp Energy Company requests permission to recompleat the subject well in the Fruitland Coal and downhole commingle with the existing Dakota formation. Attached is the procedure, wellbore diagram, plat, and gas capture plan. A DHC application will be filed and approved prior to commingling. A closed loop system will be used. Interim reclamation will be performed after surface disturbing activities.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #474471 verified by the BLM Well Information System For HILCORP ENERGY COMPANY, sent to the Farmington	
Name (Printed/Typed) PRISCILLA SHORTY	Title OPERATIONS REGULATORY TECH
Signature (Electronic Submission)	Date 07/22/2019

THIS 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)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

EXHIBIT A



HILCORP ENERGY COMPANY
SHEETS 4E
FRUITLAND COAL RECOMPLETION SUNDRY

SHEETS 4E - CURRENT WELLBORE SCHEMATIC

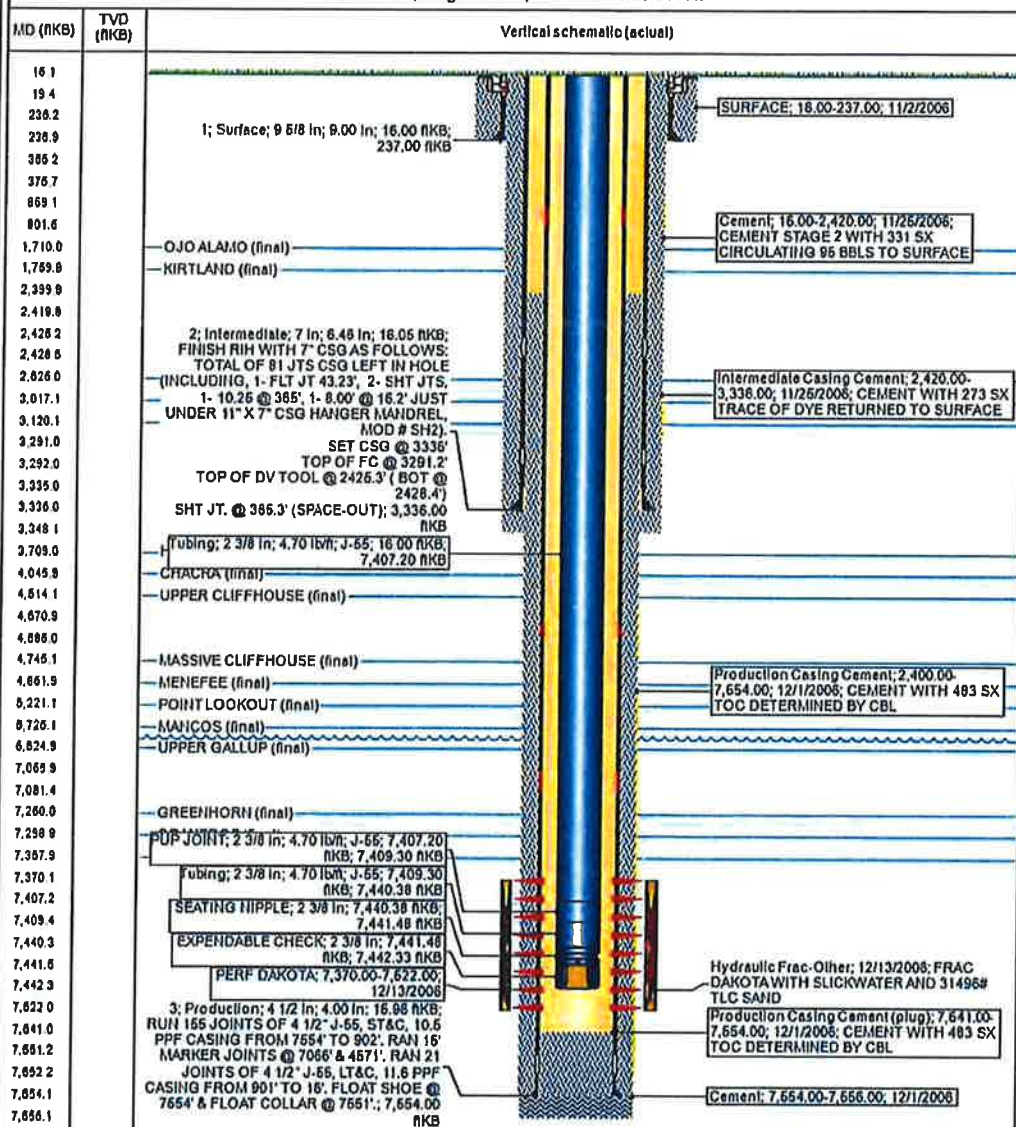


Current Schematic

Well Name: SHEETS #4E

API Well 3004633892	Surface Leg Location 026-031N-009W-L	Field Name BASIN DAKOTA (PRORATED GAS)	State 0408	State Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,187.00	Original Borehole Elevation (ft) 6,203.00	GS-Grout Distance (ft) 16.00	GS-Casing Flange Distance (ft)	GS-Tubing Hanger Distance (ft)	

VERTICAL, Original Hole, 7/18/2019 8:36:04 AM



www.peloton.com

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Report Printed: 7/18/2019

EXHIBIT A



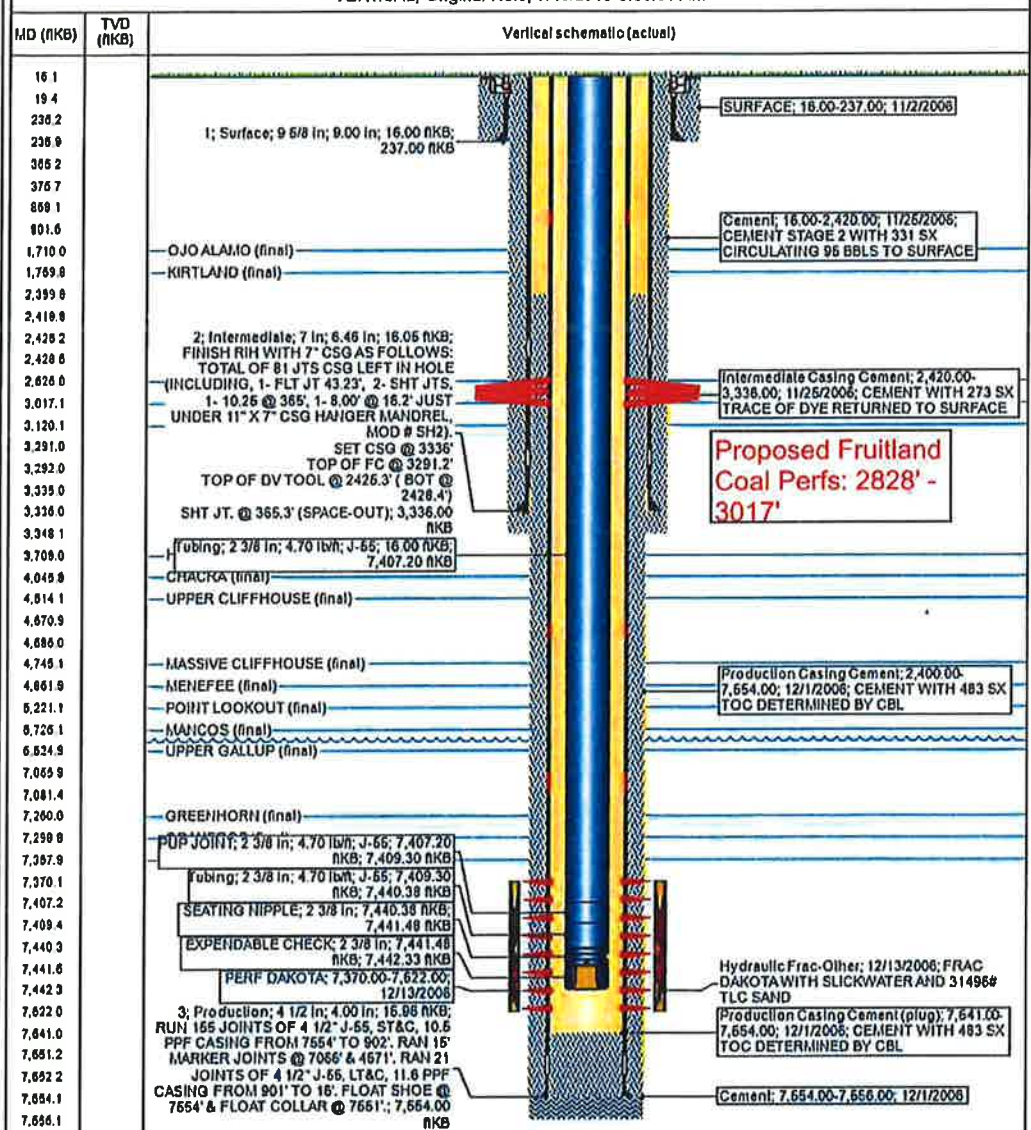
SHEETS 4E - CURRENT WELLBORE SCHEMATIC



Well Name: SHEETS #4E

APRIL 1991	Subcategory Number 028-003IN-009W-L	Field Name BASIN DAKOTA (PRORATED GAS)	State 0408	State Province NEW MEXICO	Well Configuration Type VERTICAL
Subcat. Equipment (L) 6,187.00	Subcat. Equipment (L) 6,203.00	Subcat. Equipment (L) 15.00	Subcat. Equipment (L) 15.00	Subcat. Equipment (L) 15.00	Subcat. Equipment (L) 15.00

VERTICAL. Original Hole. 7/18/2019 8:36:04 AM



www.peloton.com

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Report Printed: 7/18/2019

EXHIBIT A