

Well Name: HOWELL C	Well Location: T30N / R8W / SEC 18 / SESW / 36.806364 / -107.71948	County or Parish/State: SAN JUAN / NM
Well Number: 4	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078596	Unit or CA Name:	Unit or CA Number: NMNM73453
US Well Number: 3004509435	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Notice of Intent

Sundry ID: 2759999

Type of Submission: Notice of Intent

Type of Action: Commingling (Subsurface)

Date Sundry Submitted: 11/06/2023

Time Sundry Submitted: 12:35

Date proposed operation will begin: 10/01/2023

Procedure Description: Attached please the Preliminary Subtraction Allocation for the recently recompleted well.

NOI Attachments

Procedure Description

Howell_C_4_Preliminary_Subtraction_Allocation_Form_20231106123542.pdf

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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: AMANDA WALKER

Signed on: NOV 06, 2023 12:35 PM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Technician

Street Address: 1111 TRAVIS ST

City: HOUSTON State: TX

Phone: (346) 237-2177

Email address: MWALKER@HILCORP.COM

Field

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Approved

Disposition Date: 11/06/2023

Signature: Matthew Kade

Howell C 4 Subtraction Allocation

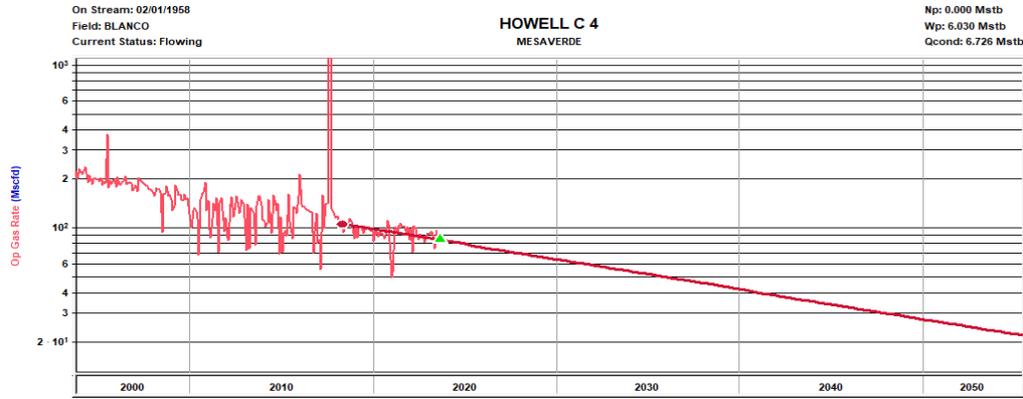
3004509435

Date	Mcf/d
Oct-23	83.79
Nov-23	83.5
Dec-23	83.2
Jan-24	82.9
Feb-24	82.61
Mar-24	82.32
Apr-24	82.03
May-24	81.74
Jun-24	81.45
Jul-24	81.16
Aug-24	80.87
Sep-24	80.58
Oct-24	80.3
Nov-24	80.02
Dec-24	79.73
Jan-25	79.44
Feb-25	79.17
Mar-25	78.9
Apr-25	78.62
May-25	78.34
Jun-25	78.07
Jul-25	77.79
Aug-25	77.51
Sep-25	77.23
Oct-25	76.96
Nov-25	76.69
Dec-25	76.42
Jan-26	76.14
Feb-26	75.88
Mar-26	75.62
Apr-26	75.35
May-26	75.09
Jun-26	74.82
Jul-26	74.56
Aug-26	74.29
Sep-26	74.02
Oct-26	73.76
Nov-26	73.5
Dec-26	73.24
Jan-27	72.98
Feb-27	72.73
Mar-27	72.48
Apr-27	72.22
May-27	71.96
Jun-27	71.71
Jul-27	71.46
Aug-27	71.2
Sep-27	70.95

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** and the added formation to be commingled is the **Fruitland Coal**. 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.



Gp: 5238 MMscf
Np: 0.000 Mstb
Wp: 6.030 Mstb
Qcond: 6.726 Mstb

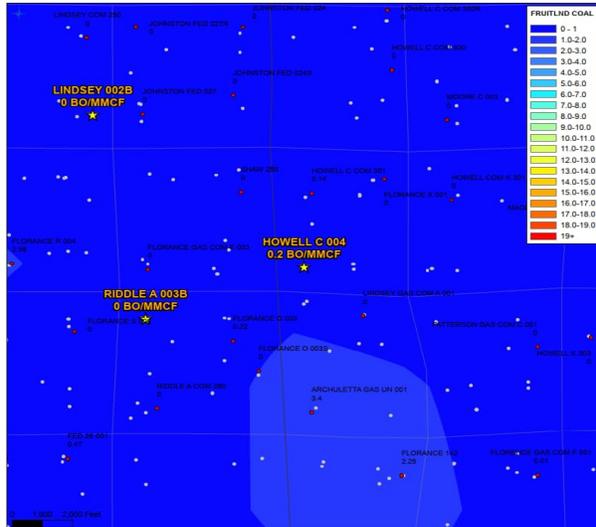
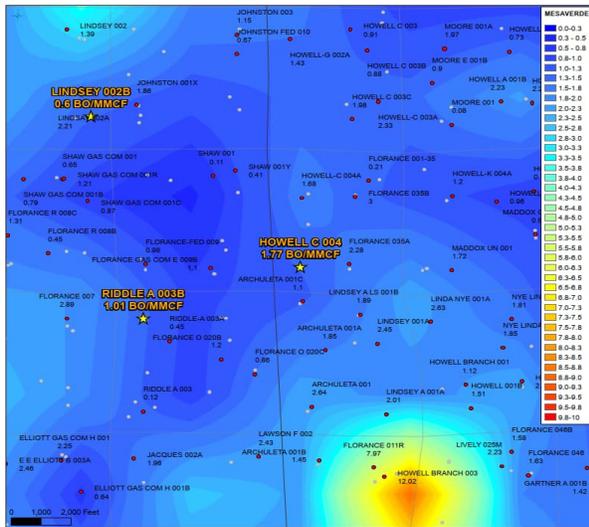
Analysis Name	Class	EUR	G	RR	Start Date	q	Δt	d, sec	b	d _{exp}	q	End Date
Name	MMscf	MMscf	MMscf	MM/DD/YYYY	Mscfd	year	%/year	%/year	Mscfd	MM/DD/YYYY		
Analysis 1	5878	5238	638	09/01/2023	84.2	50.15	4.160	0.000	4.000	10.0		10/26/2073

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 Reserves (MMcf)	% Oil Allocation
MV		1.77	639
FRC	0.2	917	14%



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) 334-6178 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

CONDITIONS

Action 283234

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 283234
	Action Type: [C-103] NOI General Sundry (C-103X)

CONDITIONS

Created By	Condition	Condition Date
dmcclore	ACCEPTED FOR RECORD	11/14/2023
dmcclore	The production from the well shall be allocated to each pool as stipulated within the DHC Order.	11/14/2023