

RECEIVED: 3/24/2018	REVIEWER: htm	TYPE: hmc	APP NO: pmAm16085556281
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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 62F **API:** 30-039-29273  
**Pool:** Gobernador Pictured Cliffs **Pool Code:** 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

**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.**

Nick Kunze

Print or Type Name

Signature

3/23/18  
Date

(713) 209-2400  
Phone Number

nkunze@hilcorp.com  
e-mail Address

**Allocation for the SAN JUAN 29-5 62F (API 300392927300)**

The SAN JUAN 29-5 62F is a Mesaverde/Dakota infill well located in the SW quarter of Section 7-T29N-R5W, Rio Arriba County, NM. The well was drilled to a total depth in August 2005, perforated & fracture stimulated in September 2005, and ready for first delivery in December 2005.

Initial flow tests as reported by the field operator indicated:

Mesaverde (2-3/8" tubing set at 5650', perforations from 5299 - 5733' OA, composite plug at 5830')  
10/7/05 1/2" choke 145 PSIG FTP 440 PSIG SICP 957 MCFPD + 0.5 BOPD + 4 BWPD

Dakota (2-3/8" tubing set at 7652', perforations from 7759 - 7887' OA, PBTD 7930', multi-pass production log)  
11/4/05 1/2" choke 22 PSIG FTP 475 PSIG SICP 145\*\* MCFPD + 0 BOPD + 10 BWPD

Based on these initial stabilized flow tests, calculated DHC allocation percentages are:

<b>Fixed Allocation (Gas)</b>	<b>Mesaverde</b>	<b>87%</b>
	<b>Dakota</b>	<b>13%</b>

<b>Fixed Allocation (Oil)</b>	<b>Mesaverde</b>	<b>100%</b>
	<b>Dakota</b>	<b>0%</b>

Very little oil was produced during these tests. Based on historical production data from offset wells, the Dakota is very dry and is expected to produce no oil. Therefore, 100% of any oil production should be allocated to the Mesaverde.

Please allocate production based on the above estimated percentages and call with any questions.

Thanks  
Dan Hensley  
832-486-2385

\*\* Rate measured with a production log, making multiple passes at varying speeds. Casing was shut-in with all production directed up tubing. Tubing set ~100' above the top Dakota perforation makes it possible to gauge a Dakota rate isolated from any Mesaverde influence (log run below the point where the shallower Mesaverde has already turned the corner and is going up tubing).

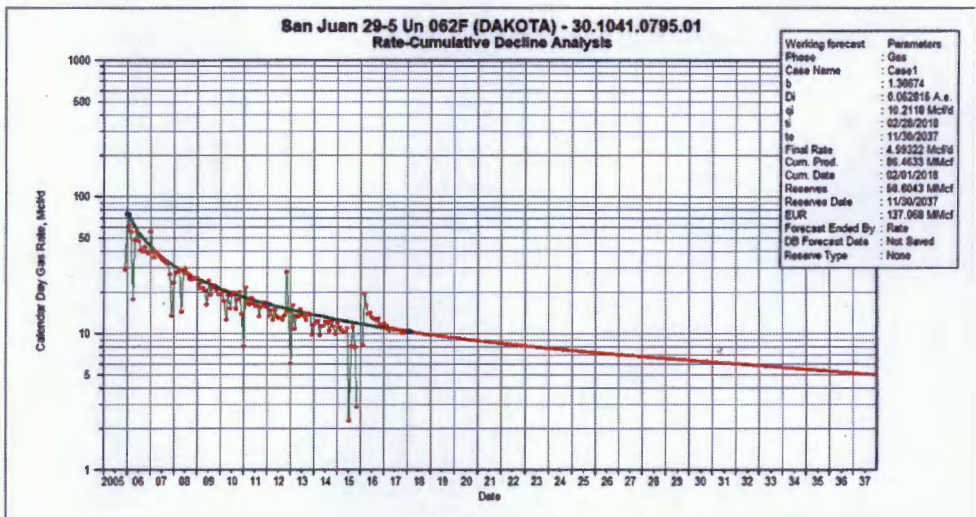
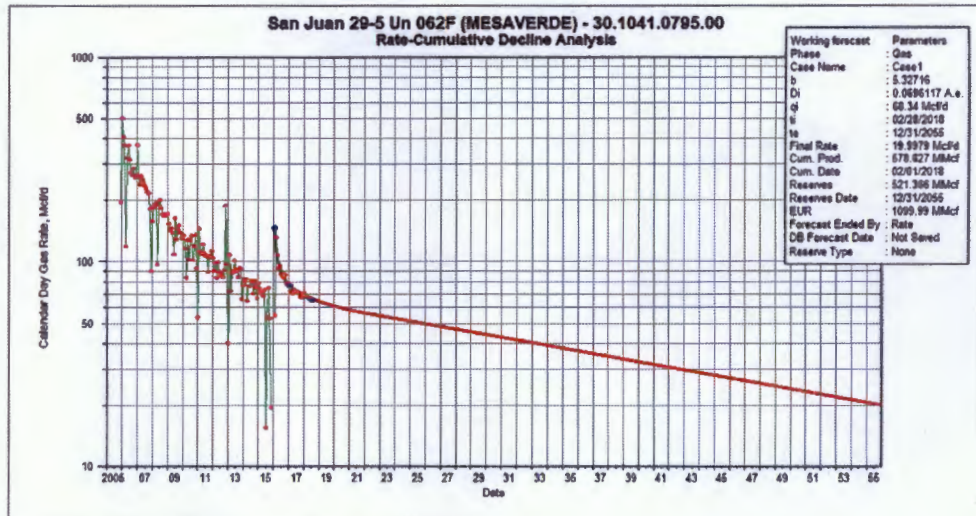
# San Juan 29-5 Unit 62F Subtraction Allocation

## Mesaverde

## Dakota

Date	Mcf/d	Date	Mcf/d
May-18	67.15	May-18	10.09
Jun-18	66.71	Jun-18	10.05
Jul-18	66.29	Jul-18	10
Aug-18	65.88	Aug-18	9.95
Sep-18	65.48	Sep-18	9.91
Oct-18	65.11	Oct-18	9.86
Nov-18	64.75	Nov-18	9.82
Dec-18	64.39	Dec-18	9.78
Jan-19	64.05	Jan-19	9.73
Feb-19	63.73	Feb-19	9.69
Mar-19	63.43	Mar-19	9.65
Apr-19	63.12	Apr-19	9.61
May-19	62.82	May-19	9.57
Jun-19	62.53	Jun-19	9.53
Jul-19	62.25	Jul-19	9.49
Aug-19	61.97	Aug-19	9.45
Sep-19	61.7	Sep-19	9.41
Oct-19	61.44	Oct-19	9.37
Nov-19	61.19	Nov-19	9.33
Dec-19	60.94	Dec-19	9.29
Jan-20	60.7	Jan-20	9.25
Feb-20	60.47	Feb-20	9.21
Mar-20	60.24	Mar-20	9.18
Apr-20	60.02	Apr-20	9.14
May-20	59.8	May-20	9.1
Jun-20	59.59	Jun-20	9.07
Jul-20	59.38	Jul-20	9.03
Aug-20	59.17	Aug-20	8.99
Sep-20	58.97	Sep-20	8.96
Oct-20	58.78	Oct-20	8.92
Nov-20	58.58	Nov-20	8.89
Dec-20	58.4	Dec-20	8.85
Jan-21	58.21	Jan-21	8.82
Feb-21	58.04	Feb-21	8.79
Mar-21	57.86	Mar-21	8.75
Apr-21	57.69	Apr-21	8.72
May-21	57.52	May-21	8.69
Jun-21	57.35	Jun-21	8.66
Jul-21	57.19	Jul-21	8.62
Aug-21	57.03	Aug-21	8.59
Sep-21	56.87	Sep-21	8.56
Oct-21	56.71	Oct-21	8.53
Nov-21	56.56	Nov-21	8.5
Dec-21	56.41	Dec-21	8.47
Jan-22	56.26	Jan-22	8.43
Feb-22	56.12	Feb-22	8.4
Mar-22	55.98	Mar-22	8.38
Apr-22	55.84	Apr-22	8.35

Base formations are the Dakota and Mesaverde. The added formation to be commingled is the Pictured Cliffs. The subtraction method applies average monthly production forecasts to the base formations using historic production. All production from this well exceeding the sum of the forecasts will be allocated to the new formation.



Formation	Yield (bbl/MM)	Remaining Reserves (MMcf)	% Oil Allocation
DK	0.36	50.6	2%
MV	1.54	521.4	93%
PC	0.05	802	5%

**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**

Form C-102  
August 1, 2011

Permit 248061

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-039-29273	2. Pool Code 77440	3. Pool Name GOBERNADOR PICTURED CLIFFS (GAS)
4. Property Code 318837	5. Property Name SAN JUAN 29 5 UNIT	6. Well No. 062F
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6498

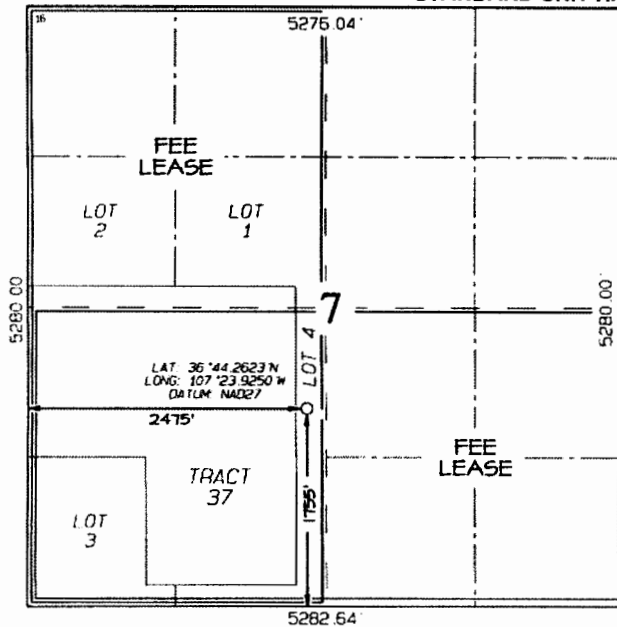
**10. Surface Location**

UL - Lot K	Section 7	Township 29N	Range 05W	Lot Idn	Feet From 1755	N/S Line S	Feet From 2475	E/W Line W	County RIO ARriba
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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 320.00	W/2		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**



**OPERATOR CERTIFICATION**

*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.*

E-Signed By: *Tammy Jones*  
Title: Operations/Regulatory Technician - Sr.  
Date: 2/6/2018

**SURVEYOR CERTIFICATION**

*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.*

Surveyed By: JASON C. EDWARDS  
Date of Survey: 8/9/2004  
Certificate Number: 15269

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer 00, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number <b>3003929273</b>		*Pool Code <b>72319 / 71599</b>	*Pool Name <b>BLANCO MESAVERDE / BASIN DAKOTA</b>
*Property Code <b>31325</b>	*Property Name <b>SAN JUAN 29-5 UNIT</b>		*Well Number <b>62F</b>
*GRID No. <b>217817</b>	*Operator Name <b>CONOCOPHILLIPS COMPANY</b>		*Elevation <b>6498'</b>

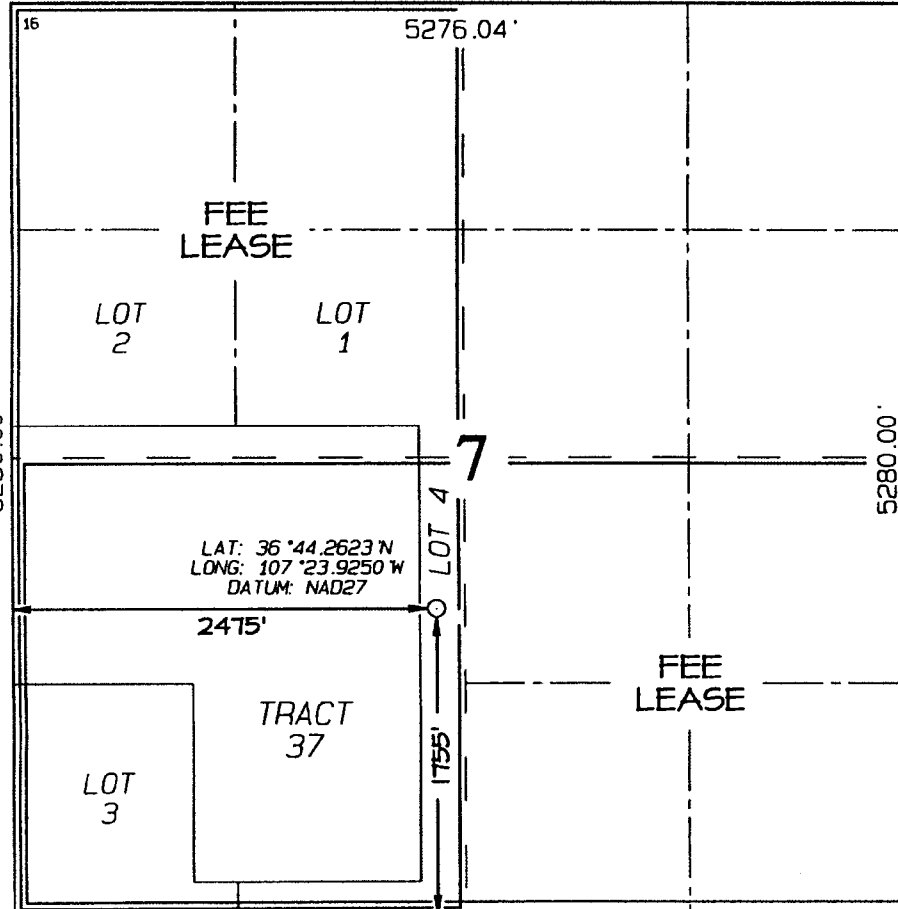
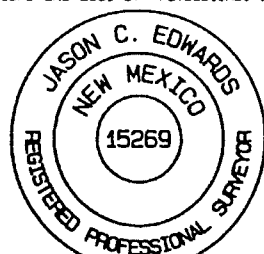
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	7	29N	5W		1755	SOUTH	2475	WEST	RIO ARriba

<sup>11</sup> 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
<sup>12</sup> Dedicated Acres <b>320.0 Acres - W/2 (MV) 320.0 Acres - S/2 (DK)</b>					<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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><sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Vicki Westby</i> Signature Vicki R. Westby Printed Name Staff Agent Title <b>9/28/04</b> Date</p>
	<p><sup>18</sup> SURVEYOR CERTIFICATION 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>Date of Survey: <b>AUGUST 9, 2004</b> Signature and Seal of Professional Surveyor</p> <div style="text-align: center;"> <b>JASON C. EDWARDS</b> Certificate Number 15269</div>



# Summary Production Report

Fri Mar 23, 2018

## Production Summary

<b>Data Source:</b>	PI	<b>Country Name:</b>	UNITED STATES
<b>Lease Name:</b>	SAN JUAN 29 5 UNIT		
<b>Lease Number:</b>	MULTIPLE	<b>Cum Oil:</b>	30 BBL
<b>Operator Name:</b>	HILCORP ENERGY COMPANY	<b>Cum Gas:</b>	83,611 MCF
<b>State/Prov:</b>	NEW MEXICO	<b>Cum Water:</b>	37,884 BBL
<b>County:</b>	RIO ARRIBA	<b>First Production Date:</b>	Dec 01, 2005
<b>Field:</b>	BASIN	<b>Last Production Date:</b>	Dec 31, 2017
<b>Production ID:</b>	SUM0430392927371599		
<b>Reservoir/Pool Name:</b>	DAKOTA		
<b>Prod Zone:</b>	DAKOTA		
<b>Basin:</b>	SAN JUAN BASIN (737400)		
<b>Status:</b>	ACTIVE GAS		

## Annual Production

Data Source: PI

(12 years)	Oil BBLS	Gas MCF	Water BBLS
<b>Beginning Cum:</b>			
2005		886	120
2006		16,702	3,460
2007		12,445	3,560
2008		9,212	3,570
2009		7,610	3,650
2010		6,234	3,650
2011		5,583	3,270
2012		5,339	3,660
2013		4,492	3,560
2014		4,045	3,340
2015		2,882	3,150
2016		4,390	2,588
2017	30	3,791	306
<b>TOTALS</b>	<b>30</b>	<b>83,611</b>	<b>37,884</b>

## Monthly Production

Data Source: PI

Year	Month	Oil BBLS	Gas MCF	Water BBLS	# of Wells	Days On
2005	DEC		886	120	1	12
<b>Totals 2005</b>		<b>886</b>	<b>120</b>			
2006	JAN		2,287	310	1	31
2006	FEB		1,682	280	1	28
2006	MAR		1,684	310	1	31
2006	APR		523	130	1	13
2006	MAY		1,462	290	1	29
2006	JUN		1,623	300	1	30
2006	JUL		1,435	310	1	31
2006	AUG		1,230	310	1	31
2006	SEP		1,161	300	1	30
2006	OCT		1,291	310	1	31
2006	NOV		1,159	300	1	30
2006	DEC		1,165	310	1	31





# Summary Production Report

Fri Mar 23, 2018

Year	Month	Oil BBLs	Gas MCF	Water BBLs	# of Wells	Days On
<b>Totals 2006</b>			<b>16,702</b>	<b>3,460</b>		
2007	JAN		1,686	310	1	31
2007	FEB		1,078	280	1	28
2007	MAR		1,079	230	1	23
2007	APR		1,153	300	1	30
2007	MAY		1,141	310	1	31
2007	JUN		1,071	300	1	30
2007	JUL		1,062	310	1	31
2007	AUG		1,030	310	1	31
2007	SEP		960	300	1	30
2007	OCT		981	310	1	31
2007	NOV		796	290	1	29
2007	DEC		408	310	1	31
<b>Totals 2007</b>			<b>12,445</b>	<b>3,560</b>		
2008	JAN		714	310	1	31
2008	FEB		784	290	1	29
2008	MAR		853	310	1	31
2008	APR		850	300	1	30
2008	MAY		438	220	1	25
2008	JUN		832	300	1	30
2008	JUL		909	310	1	31
2008	AUG		827	310	1	31
2008	SEP		745	300	1	30
2008	OCT		751	310	1	31
2008	NOV		746	300	1	30
2008	DEC		763	310	1	31
<b>Totals 2008</b>			<b>9,212</b>	<b>3,570</b>		
2009	JAN		775	310	1	31
2009	FEB		627	280	1	28
2009	MAR		646	310	1	31
2009	APR		637	300	1	30
2009	MAY		624	310	1	31
2009	JUN		477	300	1	30
2009	JUL		737	310	1	31
2009	AUG		582	310	1	31
2009	SEP		631	300	1	30
2009	OCT		679	310	1	31
2009	NOV		606	300	1	30
2009	DEC		589	310	1	31
<b>Totals 2009</b>			<b>7,610</b>	<b>3,650</b>		
2010	JAN		589	310	1	31
2010	FEB		550	280	1	28
2010	MAR		524	310	1	31
2010	APR		368	300	1	30
2010	MAY		578	310	1	31
2010	JUN		448	300	1	30
2010	JUL		578	310	1	31
2010	AUG		606	310	1	31
2010	SEP		445	300	1	30



# Summary Production Report

Fri Mar 23, 2018

Year	Month	Oil BBLs	Gas MCF	Water BBLs	# of Wells	Days On
2010	OCT		535	310	1	31
2010	NOV		592	300	1	30
2010	DEC		421	310	1	31
<b>Totals 2010</b>			<b>6,234</b>	<b>3,650</b>		
2011	JAN		236	240	1	24
2011	FEB		586	280	1	28
2011	MAR		498	310	1	31
2011	APR		468	300	1	30
2011	MAY		540	310	1	31
2011	JUN		476	300	1	30
2011	JUL		474	310	1	31
2011	AUG		475	0	1	31
2011	SEP		382	300	1	30
2011	OCT		470	310	1	31
2011	NOV		468	300	1	30
2011	DEC		510	310	1	31
<b>Totals 2011</b>			<b>5,583</b>	<b>3,270</b>		
2012	JAN		473	310	1	31
2012	FEB		382	290	1	29
2012	MAR		448	310	1	31
2012	APR		367	300	1	30
2012	MAY		449	310	1	31
2012	JUN		391	300	1	30
2012	JUL		391	310	1	31
2012	AUG		396	310	1	31
2012	SEP		368	300	1	30
2012	OCT		412	310	1	31
2012	NOV		822	300	1	30
2012	DEC		440	310	1	31
<b>Totals 2012</b>			<b>5,339</b>	<b>3,660</b>		
2013	JAN		180	220	1	22
2013	FEB		441	280	1	28
2013	MAR		327	310	1	31
2013	APR		392	300	1	30
2013	MAY		401	310	1	31
2013	JUN		442	300	1	30
2013	JUL		415	310	1	31
2013	AUG		404	310	1	31
2013	SEP		370	300	1	30
2013	OCT		422	310	1	31
2013	NOV		401	300	1	30
2013	DEC		297	310	1	31
<b>Totals 2013</b>			<b>4,492</b>	<b>3,560</b>		
2014	JAN		348	310	1	31
2014	FEB		327	280	1	28
2014	MAR		374	310	1	31
2014	APR		281	300	1	30
2014	MAY		345	310	1	31
2014	JUN		334	300	1	30





# Summary Production Report

Fri Mar 23, 2018

Year	Month	Oil BBLs	Gas MCF	Water BBLs	# of Wells	Days On
2014	JUL		369	310	1	31
2014	AUG		361	310	1	31
2014	SEP		307	300	1	30
2014	OCT		369	0	1	31
2014	NOV		329	300	1	30
2014	DEC		301	310	1	31
<b>Totals 2014</b>			<b>4,045</b>	<b>3,340</b>		
2015	JAN		359	310	1	31
2015	FEB		303	280	1	28
2015	MAR		322	310	1	31
2015	APR		302	300	1	30
2015	MAY		308	310	1	31
2015	JUN		320	300	1	30
2015	JUL		70	300	1	30
2015	AUG		245	200	1	20
2015	SEP		327	300	1	30
2015	OCT		241	240	1	24
2015	NOV		85	300	1	30
2015	DEC					
<b>Totals 2015</b>			<b>2,882</b>	<b>3,150</b>		
2016	JAN		0	0	1	0
2016	FEB		233	80	1	8
2016	MAR		598	310	1	31
2016	APR		474	300	1	30
2016	MAY		421	310	1	31
2016	JUN		419	300	1	30
2016	JUL		397	217	1	31
2016	AUG		389	217	1	31
2016	SEP		368	210	1	30
2016	OCT		393	217	1	31
2016	NOV		346	210	1	30
2016	DEC		352	217	1	31
<b>Totals 2016</b>			<b>4,390</b>	<b>2,588</b>		
2017	JAN	0	359	217	1	31
2017	FEB	0	315	8	1	28
2017	MAR	0	329	9	1	31
2017	APR	0	309	9	1	30
2017	MAY	0	334	9	1	31
2017	JUN	0	315	9	1	30
2017	JUL	0	326	9	1	31
2017	AUG	30	323	9	1	28
2017	SEP		313	9	1	30
2017	OCT		308	9	1	31
2017	NOV		246	0	1	30
2017	DEC		314	9	1	31
<b>Totals 2017</b>		<b>30</b>	<b>3,791</b>	<b>306</b>		



# Summary Production Report

Fri Mar 23, 2018

## Production Summary

**Data Source:** PI  
**Lease Name:** SAN JUAN 29 5 UNIT  
**Lease Number:** MULTIPLE  
**Operator Name:** HILCORP ENERGY COMPANY  
**State/Prov:** NEW MEXICO  
**County:** RIO ARriba  
**Field:** BLANCO  
**Production ID:** SUM0430392927372319  
**Reservoir/Pool Name:** MESAVERDE  
**Prod Zone:** MESAVERDE  
**Basin:** SAN JUAN BASIN (737400)  
**Status:** ACTIVE GAS

**Country Name:** UNITED STATES  
**Cum Oil:** 864 BBL  
**Cum Gas:** 559,528 MCF  
**Cum Water:** 16,146 BBL  
**First Production Date:** Dec 01, 2005  
**Last Production Date:** Dec 31, 2017

## Annual Production

**Data Source:** PI

(12 years)	Oil BBLs	Gas MCF	Water BBLs
<b>Beginning Cum:</b>			
2005		5,933	48
2006	169	111,764	1,384
2007	122	83,292	1,448
2008	94	61,656	1,440
2009	74	50,923	1,460
2010	55	41,704	1,460
2011	50	37,349	1,308
2012	44	35,731	1,464
2013	39	30,079	1,424
2014	34	27,084	1,336
2015	35	19,277	1,260
2016	44	29,380	1,808
2017	104	25,356	306
<b>TOTALS</b>	<b>864</b>	<b>559,528</b>	<b>16,146</b>

## Monthly Production

**Data Source:** PI

Year	Month	Oil BBLs	Gas MCF	Water BBLs	# of Wells	Days On
2005	DEC		5,933	48	1	12
<b>Totals 2005</b>			<b>5,933</b>	<b>48</b>		
2006	JAN	23	15,298	124	1	31
2006	FEB	14	11,254	112	1	28
2006	MAR	12	11,265	124	1	31
2006	APR	1	3,500	52	1	13
2006	MAY	23	9,784	116	1	29
2006	JUN	1	10,861	120	1	30
2006	JUL	24	9,602	124	1	31
2006	AUG	10	8,229	124	1	31
2006	SEP	12	7,774	120	1	30
2006	OCT	22	8,642	124	1	31
2006	NOV	17	7,755	120	1	30
2006	DEC	10	7,800	124	1	31



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Year	Month	Oil BBLs	Gas MCF	Water BBLs	# of Wells	Days On
<b>Totals 2006</b>		<b>169</b>	<b>111,764</b>	<b>1,384</b>		
2007	JAN	11	11,279	124	1	31
2007	FEB	13	7,210	112	1	28
2007	MAR	9	7,225	116	1	29
2007	APR	22	7,722	120	1	30
2007	MAY	13	7,638	124	1	31
2007	JUN	9	7,168	120	1	30
2007	JUL	9	7,108	124	1	31
2007	AUG	7	6,891	124	1	31
2007	SEP	8	6,427	120	1	30
2007	OCT	12	6,567	124	1	31
2007	NOV	7	5,325	116	1	29
2007	DEC	2	2,732	124	1	31
<b>Totals 2007</b>		<b>122</b>	<b>83,292</b>	<b>1,448</b>		
2008	JAN	0	4,779	124	1	31
2008	FEB	0	5,247	116	1	29
2008	MAR	0	5,709	124	1	31
2008	APR	44	5,689	120	1	30
2008	MAY	6	2,934	100	1	25
2008	JUN	5	5,570	120	1	30
2008	JUL	0	6,080	124	1	31
2008	AUG	14	5,535	124	1	31
2008	SEP	9	4,988	120	1	30
2008	OCT	8	5,027	124	1	31
2008	NOV	0	4,990	120	1	30
2008	DEC	8	5,108	124	1	31
<b>Totals 2008</b>		<b>94</b>	<b>61,656</b>	<b>1,440</b>		
2009	JAN	9	5,185	124	1	31
2009	FEB	0	4,196	112	1	28
2009	MAR	13	4,321	124	1	31
2009	APR	14	4,265	120	1	30
2009	MAY	0	4,174	124	1	31
2009	JUN	5	3,190	120	1	30
2009	JUL	0	4,930	124	1	31
2009	AUG	13	3,899	124	1	31
2009	SEP	3	4,224	120	1	30
2009	OCT	6	4,545	124	1	31
2009	NOV	6	4,050	120	1	30
2009	DEC	5	3,944	124	1	31
<b>Totals 2009</b>		<b>74</b>	<b>50,923</b>	<b>1,460</b>		
2010	JAN	6	3,942	124	1	31
2010	FEB	9	3,676	112	1	28
2010	MAR	5	3,506	124	1	31
2010	APR	3	2,463	120	1	30
2010	MAY	7	3,870	124	1	31
2010	JUN	3	3,000	120	1	30
2010	JUL	5	3,867	124	1	31
2010	AUG	5	4,053	124	1	31
2010	SEP	3	2,977	120	1	30



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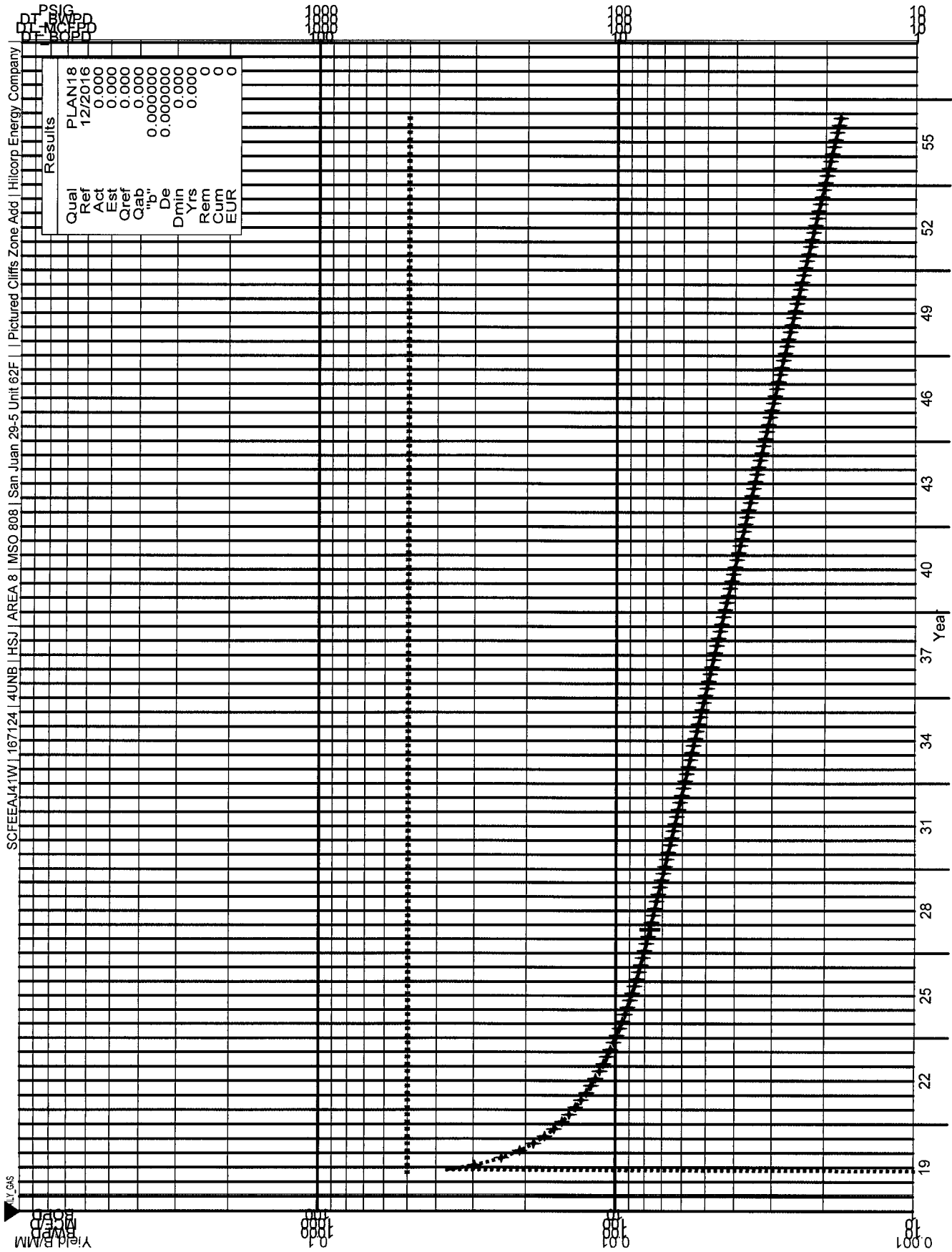
Year	Month	Oil BBLs	Gas MCF	Water BBLs	# of Wells	Days On
2010	OCT	2	3,577	124	1	31
2010	NOV	1	3,957	120	1	30
2010	DEC	6	2,816	124	1	31
<b>Totals 2010</b>		<b>55</b>	<b>41,704</b>	<b>1,460</b>		
2011	JAN	0	1,576	96	1	24
2011	FEB	10	3,914	112	1	28
2011	MAR	4	3,330	124	1	31
2011	APR	5	3,131	120	1	30
2011	MAY	7	3,616	124	1	31
2011	JUN	3	3,183	120	1	30
2011	JUL	5	3,172	124	1	31
2011	AUG	2	3,181	0	1	31
2011	SEP	3	2,554	120	1	30
2011	OCT	2	3,146	124	1	31
2011	NOV	6	3,136	120	1	30
2011	DEC	3	3,410	124	1	31
<b>Totals 2011</b>		<b>50</b>	<b>37,349</b>	<b>1,308</b>		
2012	JAN	6	3,164	124	1	31
2012	FEB	3	2,556	116	1	29
2012	MAR	4	2,994	124	1	31
2012	APR	3	2,459	120	1	30
2012	MAY	4	3,005	124	1	31
2012	JUN	3	2,621	120	1	30
2012	JUL	2	2,615	124	1	31
2012	AUG	2	2,648	124	1	31
2012	SEP	2	2,469	120	1	30
2012	OCT	3	2,757	124	1	31
2012	NOV	4	5,500	120	1	30
2012	DEC	8	2,943	124	1	31
<b>Totals 2012</b>		<b>44</b>	<b>35,731</b>	<b>1,464</b>		
2013	JAN	9	1,209	88	1	22
2013	FEB	0	2,956	112	1	28
2013	MAR	0	2,187	124	1	31
2013	APR	3	2,628	120	1	30
2013	MAY	5	2,683	124	1	31
2013	JUN	4	2,963	120	1	30
2013	JUL	2	2,777	124	1	31
2013	AUG	2	2,703	124	1	31
2013	SEP	1	2,479	120	1	30
2013	OCT	5	2,823	124	1	31
2013	NOV	5	2,684	120	1	30
2013	DEC	3	1,987	124	1	31
<b>Totals 2013</b>		<b>39</b>	<b>30,079</b>	<b>1,424</b>		
2014	JAN	0	2,329	124	1	31
2014	FEB	7	2,192	112	1	28
2014	MAR	5	2,503	124	1	31
2014	APR	5	1,887	120	1	30
2014	MAY	2	2,311	124	1	31
2014	JUN	1	2,236	120	1	30



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Year	Month	Oil BBLs	Gas MCF	Water BBLs	# of Wells	Days On
2014	JUL	2	2,468	124	1	31
2014	AUG	1	2,418	124	1	31
2014	SEP	3	2,056	120	1	30
2014	OCT	2	2,466	0	1	31
2014	NOV	4	2,201	120	1	30
2014	DEC	2	2,017	124	1	31
<b>Totals 2014</b>		<b>34</b>	<b>27,084</b>	<b>1,336</b>		
2015	JAN	7	2,401	124	1	31
2015	FEB	3	2,031	112	1	28
2015	MAR	5	2,153	124	1	31
2015	APR	4	2,021	120	1	30
2015	MAY	4	2,063	124	1	31
2015	JUN	3	2,140	120	1	30
2015	JUL	2	467	120	1	30
2015	AUG	0	1,637	80	1	20
2015	SEP	2	2,186	120	1	30
2015	OCT	4	1,610	96	1	24
2015	NOV	1	568	120	1	30
2015	DEC					
<b>Totals 2015</b>		<b>35</b>	<b>19,277</b>	<b>1,260</b>		
2016	JAN	0	0	0	1	0
2016	FEB	2	1,559	32	1	8
2016	MAR	5	4,002	124	1	31
2016	APR	11	3,173	120	1	30
2016	MAY	4	2,817	124	1	31
2016	JUN	7	2,803	120	1	30
2016	JUL	3	2,658	217	1	31
2016	AUG	2	2,603	217	1	31
2016	SEP	2	2,465	210	1	30
2016	OCT	6	2,633	217	1	31
2016	NOV	1	2,313	210	1	30
2016	DEC	1	2,354	217	1	31
<b>Totals 2016</b>		<b>44</b>	<b>29,380</b>	<b>1,808</b>		
2017	JAN	0	2,400	217	1	31
2017	FEB	1	2,106	8	1	28
2017	MAR	15	2,200	9	1	31
2017	APR	27	2,067	9	1	30
2017	MAY	18	2,232	9	1	31
2017	JUN	16	2,111	9	1	30
2017	JUL	0	2,183	9	1	31
2017	AUG	0	2,161	9	1	28
2017	SEP	2	2,097	9	1	30
2017	OCT	2	2,056	9	1	31
2017	NOV	7	1,645	0	1	30
2017	DEC	16	2,098	9	1	31
<b>Totals 2017</b>		<b>104</b>	<b>25,356</b>	<b>306</b>		



## McMillan, Michael, EMNRD

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**From:** Nick Kunze <nkunze@hilcorp.com>  
**Sent:** Tuesday, March 27, 2018 5:35 AM  
**To:** McMillan, Michael, EMNRD  
**Subject:** RE: Hilcorp san Juan 29 5 Unit Well No 62F

Mike,

Good morning. We submitted 48 months of production to use for subtraction on the recent C107A. We plan to use that information for the first 4 years and will then submit a fixed rate percentage. Please let me know if you have any questions or concerns.

Thanks,  
Nick

**From:** McMillan, Michael, EMNRD [mailto:Michael.McMillan@state.nm.us]  
**Sent:** Monday, March 26, 2018 5:41 PM  
**To:** Nick Kunze <nkunze@hilcorp.com>  
**Subject:** Hilcorp san Juan 29 5 Unit Well No 62F

Nick:  
Will Hilcorp use subtraction for allocation of production, or will it use subtraction for approximately one year, then after the well has stabilized submit a fixed rate percentage?

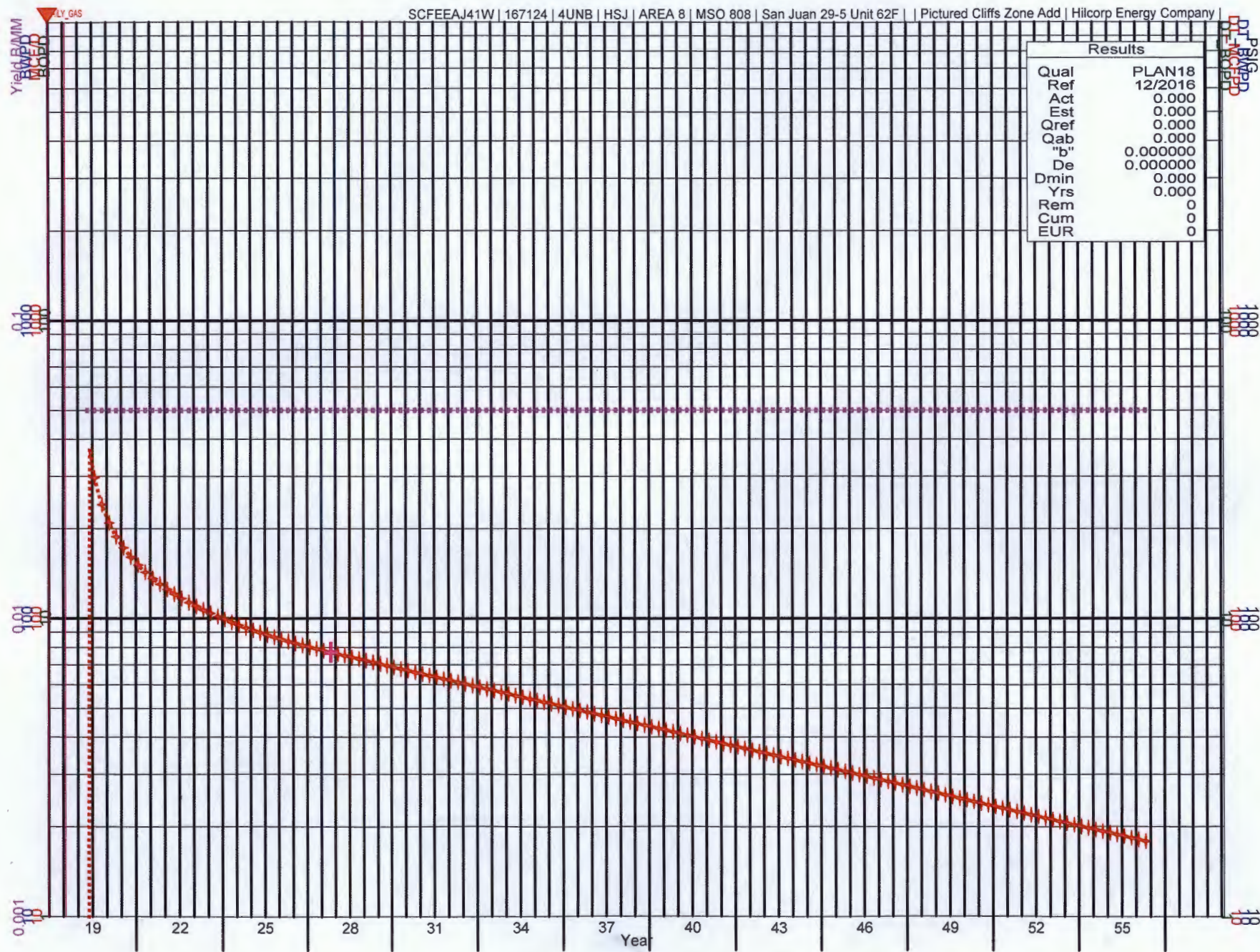
Thanks  
Mike

Michael McMillan  
1220 South St. Francis  
Santa Fe, New Mexico  
505-476-3448  
[Michael.mcmillan@state.nm.us](mailto:Michael.mcmillan@state.nm.us)

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*Hilcorp Energy Company's address is 1111 Travis St, Houston, TX 77002*





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  
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Hilcorp Energy Company PO Box 4700, Farmington NM 87499  
Operator Address

San Juan 29-5 Unit 62F Unit K – Sec. 7 – T029N – R005W Rio Arriba  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 372171 Property Code 318837 API No. 30-039-29273 Lease Type: ☐ Federal ☐ State ☒ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Gobernador Pictured Cliffs	Blanco Mesaverde	Basin Dakota
Pool Code	77440	72319	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3434' – 3497'	5299' – 5733'	7759' – 7887'
Method of Production (Flowing or Artificial Lift)	New Zone	Plunger	Plunger
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)	880 psi	485 psi	2435 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1000 BTU	1000 BTU	1000 BTU
Producing, Shut-In or New Zone	New Zone	Producing	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: 12/2017  Rates: 16 bo, 2098 mcf, 9 bw	Date: 12/2017  Rates: 314 mcf, 9 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: 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  TITLE Reservoir Engineer DATE 3/23/18

TYPE OR PRINT NAME Tim Davis TELEPHONE NO. (713) 213-1168

E-MAIL ADDRESS tidavis@hilcorp.com