District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

State of New Mexico

Energy, Minerals & Natural Resources

Oil 122

Submit on	e copy to	o approp	riate D	istrict (	Offic

Page 1 of 22 Form C-104 Revised August 1, 2011

Conservation Division	Submit one copy to appropriate District Office
20 South St. Francis Dr.	☐ AMENDED REPORT
C . E . N. F. O. E. C. E	<del></del>

220 8. 8. 1 141101	<b>I.</b>	REOU	EST FO		Santa Fe, NI <b>OWABLE</b> 2		HOR	IZATION T	T O	'RANSPO	ORT
1 Operator I Hilcorp End								<sup>2</sup> OGRID Num	ber	372171	
382 Road 31 Aztec, NM 8	87410	- •					-	<sup>3</sup> Reason for F			
<sup>4</sup> API Numb 30-045-30		5 H	ool Name		Otero C	Chacra			6]	Pool Code	82329
	8661		roperty Na	me	Pri	ce			9 1	Well Numbe	r 5
II. 10 Sur	face Lo	cation									
Ul or lot no. P	Section 12	Townshi 28N	Range 08W	Lot Idn	Feet from the 755	North/South South		Feet from the 790	Eas	st/West Line East	County San Juan
<sup>11</sup> Bot	tom Ho	le Locati	on				•		•		
UL or lot no.	Section	Townshi	Range	Lot Idn	Feet from the		h Line	Feet from the	Eas	st/West Line	County Choose an item.
12 Lse Code F	(	cing Method Code F	D	onnection ate	<sup>15</sup> C-129 Peri	nit Number	<sup>16</sup> C-	129 Effective D	ate	<sup>17</sup> C-129	Expiration Date
III. Oil a		Transpo	rters								
<sup>18</sup> Transpor OGRID					<sup>19</sup> Transpor and Ad						<sup>20</sup> O/G/W
248440					Western 1	Refinery					О
151618					Enter	prise					G
	~ .										
IV. Well ( <sup>21</sup> Spud Da 1/22/2001	ite	22 Read 6/24/	y Date		<sup>23</sup> TD 7595'	<sup>24</sup> PBTI 7486'	)	<sup>25</sup> Perforation 3986'-4144			<sup>6</sup> DHC, MC DHC-5253
27 <b>H</b>	ole Size		28 Casin	g & Tubir	ng Size	29 De	epth Set			30 Sacks	Cement
	1/4"			3", 36#, J-			288'				) sx
8	3/4**		7"	, 20#, J-55	5	3	528'			570	) sx
6	1/4"		4 1/2	", 11#, J-	55	7	563'			329	Sx
			2 3/8	3", 4.7#, J	-55	5	231'				
V. Well 7						24	_	1 05		Т	26 00 =
<sup>31</sup> Date New N/A		6/24/		6	Fest Date /24/2023	51	Length hrs	_	, Pres 00 psi		<sup>36</sup> Csg. Pressure 420 psi
<sup>37</sup> Choke Si 21/64"	ize	<sup>38</sup> ( N/			Water 0 bbls		Gas ncfd				<sup>41</sup> Test Method Flowing
<sup>42</sup> I hereby cert been complied complete to the Signature:	with and the best of m	that the inf ny knowled	ormation gi	ven above ef.	is true and	Approved by:		OIL CONSERVA		N DIVISION	
Printed name:			ne Weston					SPECIALIST			
Title:	Oner	•	gulatory Te	ch Sr.		Approval Date	: 7/21/2	2023			
E-mail Addres	s:		-								
Date: 07	7/14/20P2		hilcorp.con hone: 713		;						
					<u></u>		_				

District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources

Oil Conservation Division 1220 South St. Francis Dr.

Submit	one copy	to an	nronriate	District	Offic
Sublille	OHC CODY	to ap	propriace	District	OHI

Revised August 1, 2011

**Page 2 of 22** Form C-104

☐ AMENDED REPORT

	I.		EST FO		OWABLE		HOR	IZATION T	<b>O T</b>	RANSPO	RT
<sup>1</sup> Operator : Hilcorp End								<sup>2</sup> OGRID Num	ber	372171	
382 Road 33 Aztec, NM 3		- •					-	<sup>3</sup> Reason for Fi			
<sup>4</sup> API Numb 30-045-30		<sup>5</sup> Po	ol Name		Blanco Mo	esaverde			6 P	ool Code	72319
	8661		operty Na	me	Prie	ce			9 V	Vell Number	5
II. Sur	face Lo	cation Township	Range	Lot Idn	Feet from the	North/South	Lina	Feet from the	Foot	t/West Line	County
P	12	28N	08W	Dot run	755	South		790	East		San Juan
UL or lot no.	Section	le Locatio Township	Range	Lot Idn	Feet from the	North/South	1 Line	Feet from the	East	t/West Line	County Choose an item.
12 Lse Code F		cing Method Code F		onnection ate	<sup>15</sup> C-129 Perr	nit Number	<sup>16</sup> C-	129 Effective Da	te	<sup>17</sup> C-129	Expiration Date
III. Oil a		Transpor	ters		<sup>19</sup> Transpoi	-4 NT				1	<sup>20</sup> O/G/W
<sup>18</sup> Transpor OGRID					and Ad						U/G/W
248440					Western l	Refinery					0
151618					Enter	prise					G
IV. Well	Comple	tion Data									
<sup>21</sup> Spud Da 1/22/2001	ite	<sup>22</sup> Ready 6/24/20			<sup>23</sup> TD 7595'	<sup>24</sup> PBTD 7486'	•	<sup>25</sup> Perforation 4652'-5302			DHC, MC DHC-5253
<sup>27</sup> <b>H</b> o	ole Size		<sup>28</sup> Casin	g & Tubir	ng Size	<sup>29</sup> De	pth Set			<sup>30</sup> Sacks	Cement
12	1/4"		9 5/8	3", 36#, J-	55	2	88'			139	sx
8	3/4"		7"	, 20#, J-55	5	35	528'			570	SX
6	1/4"		4 1/2	", 11#, J-5	55	75	563'			329	SX
V. Well	Foot Dat		2 3/8	3", 4.7#, J-	-55	52	231'				
31 Date New N/A		32 Gas Deliv 6/24/20			Test Date /24/2023	<sup>34</sup> Test : 5 h	_	_	Press 0 psi	sure 3	66 Csg. Pressure 420 psi
<sup>37</sup> Choke Si 21/64"	ize	<sup>38</sup> Oi N/A			Water 0 bbls	<sup>40</sup> ( 21 n					<sup>41</sup> Test Method Flowing
<sup>42</sup> I hereby cert been complied complete to the Signature:	with and e best of n	that the info	rmation gi e and beli	ven above ef.	is true and	Approved by:		OIL CONSERVA		DIVISION	
Printed name:		Cherylene				Title:	OLEUM	A SPECIALIST			
Title:	Onor	ations Regu		ch Sr		Approval Date					
E-mail Addres	s:										
Date: 07	7/14/2023	cweston@hi		1 3-289-2615	; 						
<u></u>						<del></del>					



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT Sundry Print Report 07/20/2023

Well Name: PRICE Well Location: T28N / R8W / SEC 12 /

SESE / 36.670707 / -107.626125

County or Parish/State: SAN

JUAN / NM

Well Number: 5 Type of Well: CONVENTIONAL GAS

WELL

Allottee or Tribe Name:

Unit or CA Name: PRICE Unit or CA Number:

NMNM74000

US Well Number: 3004530252 Well Status: Temporarily Abandoned Operator: HILCORP ENERGY

COMPANY

## **Subsequent Report**

Lease Number: NMSF078390A

**Sundry ID: 2741624** 

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 07/18/2023

Time Sundry Submitted: 02:31

**Date Operation Actually Began:** 05/19/2023

**Actual Procedure:** The subject well was recompleted into the Mesaverde and Chacra formations and is currently producing as a MV/CH commingle. See attached recomplete reports.

## **SR Attachments**

### **Actual Procedure**

Price\_5\_RC\_Subsquent\_Sundry\_20230718143011.pdf

Well Name: PRICE Well Location: T28N / R8W / SEC 12 / County or Parish/State: SAN JUAN / NM

SESE / 36.670707 / -107.626125

Well Number: 5 Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

Lease Number: NMSF078390A Unit or CA Name: PRICE **Unit or CA Number:** 

NMNM74000

**US Well Number:** 3004530252 Well Status: Temporarily Abandoned **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: CHERYLENE WESTON Signed on: JUL 18, 2023 02:31 PM

Name: HILCORP ENERGY COMPANY Title: Operations/Regulatory Tech - Sr Street Address: 1111 TRAVIS STREET

City: HOUSTON State: TX

Phone: (713) 289-2615

Email address: cweston@hilcorp.com

#### **Field**

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

## **BLM Point of Contact**

**BLM POC Name: KENNETH G RENNICK BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5055647742 BLM POC Email Address: krennick@blm.gov

Disposition Date: 07/19/2023 Disposition: Accepted

Signature: Kenneth Rennick

Price 5
API # 30-045-30252
Recomplete Subsequent Sundry

3/30/23 BH-0, CSG-0, TBG-N/A, SIICP-100. ND WH. NU frac stack. RU Wilson Services. Run MIT, witnessed & approved by Thomas Vermersch, NMOCD. PT csg to 4000 PSI. PSI fell off @ 3700 PSI. RD Wilson Services.

5/19/23 BH-0, CSG-0, TBG-90. SITP-N/A, SIICP-100. 0. MIRU, ND frac stack, NU BOP. RIH, set 4/12" pkr @ 358'. PT csg to 1000 PSI. PT csg 1000 PSI 0'-358', lost 9 PSI in 5 mins. No leaks. WH isolated. PT csg 1000 psi 358' to CIBP @ 7236', lost 250 psi in 3 min. RIH to 3588', same results. RIH to 4721', csg tested good 4721' to 7236'. Pull 2 jts, test 4659' - 7236', csg good 26' below old squeeze perfs 4632'- 4633'. Pull 2 jts, test 4596'-7236' to 1100 psi. Dropped to 620 psi in 15 mins. Final test, slow leak off 9 psi 5 mins. Surface to 4596' (old squeeze perfs 4632'-4633') 1100 psi to 620 psi in 15 mins. Good csg from 4659'-7236'. SWSI. SDFN.

5/22/23 BH-0 PSI, CSG-0, TBG-0, SIICP-0. Set pkr @ 3838'. RU Wilson. PT csg 3838' to surface x 4000 PSI, after 15 mins, leveled off to 3850 psi. Tested add'I 30 mins @ 3850 psi. RD Wilson. Rel pkr. Set CIBP @ 5402'. Pull up to 4594', 1000 psi pumping <1/4 bpm, 1350 psi. Pump 1.5 bpm, 500 psi. Pump 2.4 bpm, over 10 bbls into squeeze holes. SD pump w/1500 psi. 1100/30 sec. 900/1min. 750/2min. 650/3mins. 550/4mins. 450/5mins. TOH. SDFN.

5/23/23 BH-0 PSI, CSG-0 PSI, TBG-0 PS. MU 4 1/2" CR set @ 4582. RU cement. Mix & pump 77 sx Type III, 1.37/yld, 14.6#, 6.64 gls per sk, total 17.7/bbls slurry. Pumped away 14 bbls slurry, 56 sx behind pipe, hesitate squeeze, lock up @ 3000 psi, gauges maxed out @ 3K. Sting out, reverse 3.7 bbls slurry. TOH. MU 3-7/8" bit, RIH, left bit @ 3838' (750' above CR). SWSW. SDFN.

5/24/23 RIG SD. WOC.

5/25/23 BH-0 PSI, CSG-0 PSI, TBG-0 PSI. RIH tag CR, PU power swivel, DO CR and cement. PT csg 500 psi to 3000 psi x 30min, good test. TOH, PU 4 1/2" scraper w/bit, make run to 5402', POH LD 120 jts. SDFN.

5/26/23 BH-0 PSI, CSG-0 PSI, TBG-VAC. Obtained verbal approval by John Harrison, NMOCD to count leak off @ 4632-4633' (inside NOI perf interval) as MV perfs and proceed with Recomplete as planned. LD rest of pipe. ND BOP, NU frac stack. RU WL. RIH to 5402' w/3.75'' GR. RD WL. RDMO. WO Frac.

6/19/23 BH-0 PSI, CSG-0 PSI, TBG-0 PSI. MIRU Gore N2 Services. RU Basin WL. Perf Point Lookout w/.35" dia, 3-1/8" HSC gun, Select Fire 3 SPF @ 5232, 5239, 5246, 258, 5270, 5283, 5297 & 5302' (24 shots total). RU Frac/N2. Test lines to 4500 psi. Good test. Frac Point Lookout @ 70 BPM w/ 70 Q N2 foam. Total Load: 823 bbls, Total Acid: 12 bbls, Total Slickwater: 811 bbls, Total 20/40 sand: 107,262 lbs, Total N2: 889,000 SCF. Set dissolvable BP @ 5180'. PT plug to 2000 psi (good). Perf Menefee w/.35" dia, 3-1/8" HSC gun, Select Fire 3 SPF @ 4922, 4930, 4914, 4968, 5036, 5054, 5142 & 5160'. Frac Menefee @ 55 BPM w/ 70 Q N2 foam, Total Load: 637 bbls, Total Acid: 12 bbls, Total Slickwater: 625 bbls, Total 20/40 sand: 92,296#, Total N2: 1.16M SCF. Set dissolvable BP @ 4840'. Perf Cliffhouse w/.35" dia, 3-1/8" HSC gun, Select Fire 3 SPF @ 4652, 4691, 4706, 4718, 4734, 4749, 4764 & 4780'. Frac Cliffhouse @70 BPM w/ 70 Q N2 foam, Total Load: 780 bbls, Total Acid: 12 bbls, Total Slickwater: 768 bbls, Total 20/40 Sand: 90,001 lbs, Total N2: 842,000 SCF. Set dissolvable BP @ 4410'. Perf Chacra w/.35" dia, 3-1/8" HSC gun, Select Fire 3 SPF @ 3986, 4006, 4013, 4019, 4055, 4128, 4136 & 4144'. Frac Chacra @30 BPM w/ 70 Q N2 foam. Total load: 866 bbls, Total acid: 12 bbls, Total Slickwater: 854 BBLS, Total 20/40 Sand: 169,711 lbs, Total N2: 771,000 SCF. Set CBP @ 3608'. Bleed off csg psi. SISW. RDMO.

6/21/23 BH-0 PSI, CSG-0 PSI, TBG-N/A. ND frac stack NU BOP, PT BOP & spool 350/low, 3000/high. MU BHA, RIH to 2500'. RU air & lines, unload hole, RIH, tag CBP @ 3595'. RU swivel, left 1000' water cap on top of CBP, unload hole in AM. SISW. SDFN.

6/22/23 BH-0, CSG-0, TBG-0 PSI. Unload hole, est returns with good foam, DO CBP @3595', CO returns. RIH to plug @ 4410'. CO. RIH to plug @ 4841', tag fill @ 5060', CO. DO plug @ 5181'. RIH tag fill @ 5320', CO. DO CIBP @ 5402'. Sweep to surface. Pull up to string float, BHA @ 3600'. Pump 5 bbl sweep. SISW. SDFN.

6/23/23 BH-0 PSI, CSG-480 PSI, TBG-N/A. TIH, tag plug @ 6657', swivel up, hit plug once, dropped, chase to bottom CIBP @ 7235'. POH. PU prod BHA. TIH to 5600', kick in air, returns less than 1/4 cup sand in 5/gal bucket test. Land 163 jts 2-3/8", 4.7#, J-55 tbg @ 5231' (SN@ 5229'). ND BOP, NUWH. PT tbg 500 PSI, good test. SIW. RDRR @ 1630 hrs.

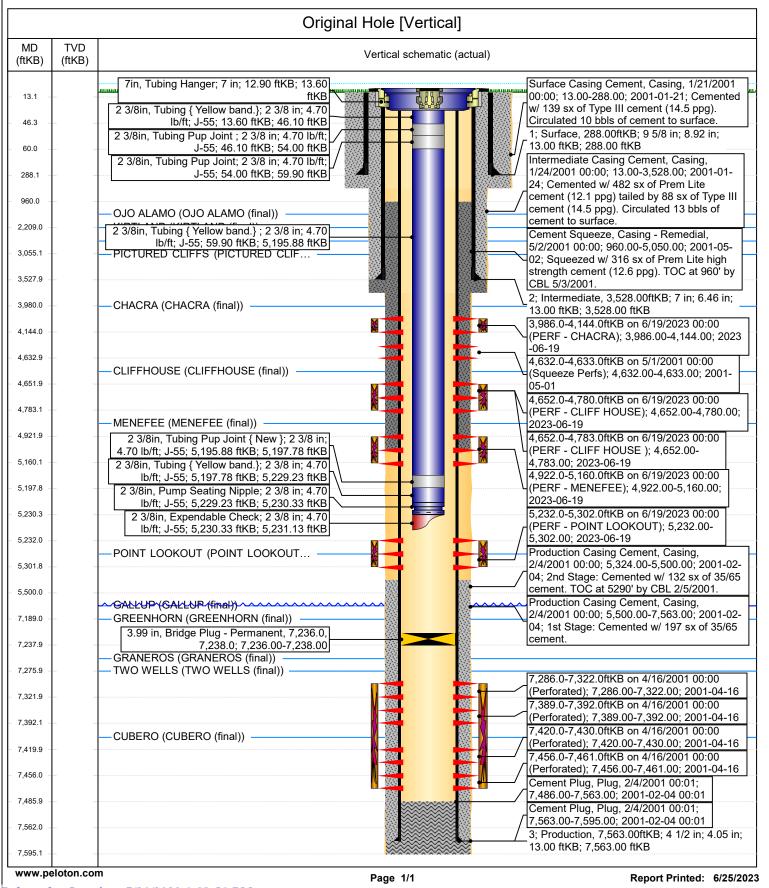
This well is currently producing as a Mesaverde/Chacra commingle on DHC-5253 with Gas Allowable C-104 waiting on RC C-104 approval.

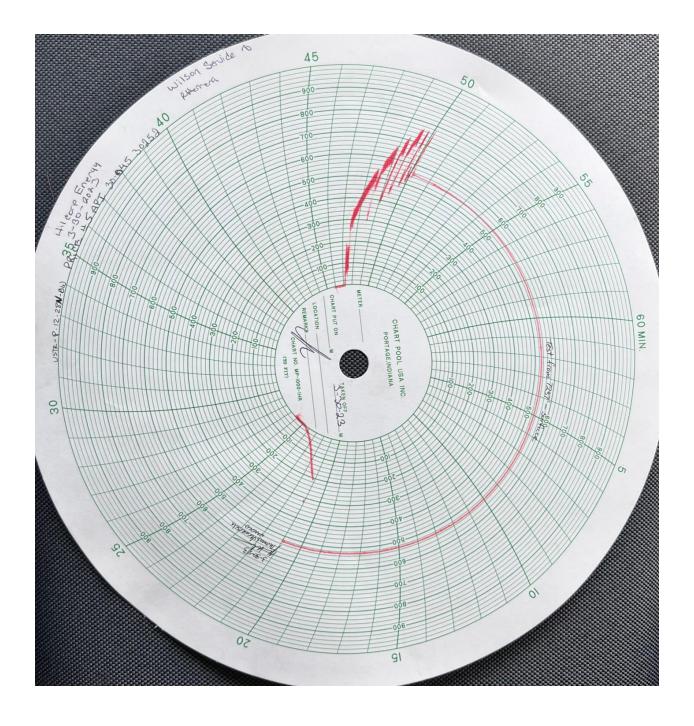


## **Current Schematic - Version 3**

Well Name: PRICE #5

API / UWI 3004530252	Surface Legal Location 012-028N-008W-P			State/Province		Well Configuration Type Vertical	
Ground Elevation (ft) 6,412.00	Original KB/RT Elevation (ft) 6,425.00		KB-Ground Distance (ft) 13.00	KB-Casing Flange Dis	tance (ft)	KB-Tubing Hanger	Distance (ft)





## **Cheryl Weston**

From: Harrison, John, EMNRD < John.Harrison@emnrd.nm.gov>

Sent: Friday, May 26, 2023 12:03 PM
To: Jake Perry; Kuehling, Monica, EMNRD

Cc: Jose Morales; Monty Striegel - (C); Farmington Regulatory Techs

Subject: RE: [EXTERNAL] FW: Squeeze job on Price #5

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

Jake,

After reviewing your CBL logs, I believe you have coverage and zonal isolation throughout your perf zone. I did notice some problem areas from about 3300' to about 1000' and then free pipe from 900' or so to surface. This may impact future well work and likely any plugging efforts. You should be clear to proceed with your current recomplete as approved by the Division.

Regards,

## John Harrison

Oil Conservation Division 1625 N. French Dr. Hobbs, New Mexico 88240



From: Jake Perry < Jake. Perry@hilcorp.com>

Sent: Friday, May 26, 2023 8:22 AM

To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Harrison, John, EMNRD

<John.Harrison@emnrd.nm.gov>

Cc: Jose Morales < jomorales@hilcorp.com>; Monty Striegel - (C) < Monty. Striegel@hilcorp.com>; Farmington Regulatory

Techs <FarmingtonRegulatoryTechs@hilcorp.com>
Subject: RE: [EXTERNAL] FW: Squeeze job on Price #5

Monica, I have attached two CBL's. The most recent, we ran last year when we identified this well for recompletion. The older is the CBL that was run immediately after the squeeze work in 2001. The squeeze holes are 4632'-4633' for reference.

Approved NOI Perf Range - Mesaverde – (4500'-5440') Approved NOI Perf Range - Chacra – (3980'-4350')

Jake Perry Prod/Ops Engineer – SJS Hilcorp Energy Co. (O) 346-237-2053 (M) 864-303-3793

From: Kuehling, Monica, EMNRD < monica.kuehling@emnrd.nm.gov>

Sent: Friday, May 26, 2023 8:42 AM

To: Jake Perry < Jake.Perry@hilcorp.com>; Harrison, John, EMNRD < John.Harrison@emnrd.nm.gov>

Cc: Jose Morales <i omorales@hilcorp.com>; Monty Striegel - (C) < Monty. Striegel@hilcorp.com>; Farmington Regulatory

Techs <FarmingtonRegulatoryTechs@hilcorp.com> Subject: RE: [EXTERNAL] FW: Squeeze job on Price #5

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

I am not finding the log for ths well - please send - Monica

From: Jake Perry < Jake. Perry@hilcorp.com>

Sent: Friday, May 26, 2023 7:33 AM

To: Kuehling, Monica, EMNRD < monica.kuehling@emnrd.nm.gov>; Harrison, John, EMNRD

<John.Harrison@emnrd.nm.gov>

Cc: Jose Morales <i omorales@hilcorp.com>; Monty Striegel - (C) < Monty. Striegel@hilcorp.com>; Farmington Regulatory

Techs <FarmingtonRegulatoryTechs@hilcorp.com> Subject: RE: [EXTERNAL] FW: Squeeze job on Price #5

No, we did not. I was waiting for your review, as noted on 05/23, of the proposal to count the previously leaking squeeze holes as perforations as they are inside our approved NOI interval.

From: Kuehling, Monica, EMNRD < monica.kuehling@emnrd.nm.gov>

Sent: Friday, May 26, 2023 8:29 AM

To: Jake Perry < Jake.Perry@hilcorp.com>; Harrison, John, EMNRD < John.Harrison@emnrd.nm.gov>

Cc: Jose Morales <i omorales@hilcorp.com>; Monty Striegel - (C) < Monty. Striegel@hilcorp.com>; Farmington Regulatory

Techs <FarmingtonRegulatoryTechs@hilcorp.com> Subject: RE: [EXTERNAL] FW: Squeeze job on Price #5

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Jake

Did you have a witnessed MIT after the squeeze

Monica Kuehling Compliance Officer Supervisor Deputy Oil and Gas Inspector New Mexico Oil Conservation Division North District

Office Phone: 505-334-6178 ext. 123

Cell Phone: 505-320-0243

Email - monica.kuehling@emnrd.nm.gov

From: Jake Perry < <u>Jake.Perry@hilcorp.com</u>>

Sent: Friday, May 26, 2023 6:09 AM

To: Harrison, John, EMNRD < John. Harrison@emnrd.nm.gov>

Cc: Kuehling, Monica, EMNRD < <u>monica.kuehling@emnrd.nm.gov</u>>; Jose Morales < <u>jomorales@hilcorp.com</u>>; Monty Striegel - (C) < <u>Monty.Striegel@hilcorp.com</u>>; Farmington Regulatory Techs < <u>FarmingtonRegulatoryTechs@hilcorp.com</u>>

Subject: FW: [EXTERNAL] FW: Squeeze job on Price #5

John,

Can you please review the below. Happy to jump on the phone and discuss to get you up to speed if you would like. We are looking to move this rig today.

Jake Perry Prod/Ops Engineer – SJS Hilcorp Energy Co. (O) 346-237-2053 (M) 864-303-3793

From: Jake Perry < <u>Jake.Perry@hilcorp.com</u>>

Sent: Friday, May 26, 2023 7:06 AM

To: Kuehling, Monica, EMNRD < monica.kuehling@emnrd.nm.gov >

Cc: Jose Morales < <u>iomorales@hilcorp.com</u>>; Monty Striegel - (C) < <u>Monty.Striegel@hilcorp.com</u>>; Farmington Regulatory

Techs < <a href="mailto:FarmingtonRegulatoryTechs@hilcorp.com">FarmingtonRegulatoryTechs@hilcorp.com</a>>
<a href="mailto:Squeeze">Subject: RE: [EXTERNAL] FW: Squeeze</a> job on Price #5

Good Morning Monica,

We cleaned out the squeeze yesterday and pressure tested from 500 to 3000 PSI (good). We are in the process of making a scraper run to verify the casing walls are clean to prevent issues setting plugs for our frac. We will be out of the hole by lunch and ready to move the rig. Can you please confirm review of the previous plan?

Jake Perry Prod/Ops Engineer – SJS Hilcorp Energy Co. (O) 346-237-2053 (M) 864-303-3793

From: Kuehling, Monica, EMNRD < monica.kuehling@emnrd.nm.gov>

Sent: Tuesday, May 23, 2023 5:05 PM To: Jake Perry < <u>Jake.Perry@hilcorp.com</u>>

Cc: Jose Morales < <u>iomorales@hilcorp.com</u>>; Monty Striegel - (C) < <u>Monty.Striegel@hilcorp.com</u>>; Farmington Regulatory

Techs < <a href="mailto:FarmingtonRegulatoryTechs@hilcorp.com">FarmingtonRegulatoryTechs@hilcorp.com</a>>
<a href="mailto:Squeeze">Subject: RE: [EXTERNAL] FW: Squeeze</a> job on Price #5

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

Verbal approval given earlier today for squeeze work

Please wait for review of the rest thank you

From: Jake Perry < <u>Jake.Perry@hilcorp.com</u>> Sent: Tuesday, May 23, 2023 7:57 AM

To: Kuehling, Monica, EMNRD < monica.kuehling@emnrd.nm.gov >

Cc: Jose Morales < jomorales@hilcorp.com>; Monty Striegel - (C) < Monty. Striegel@hilcorp.com>; Farmington Regulatory

Techs < FarmingtonRegulatoryTechs@hilcorp.com > Subject: [EXTERNAL] FW: Squeeze job on Price #5

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Monica,

Looks like Monty had your old email address on the first email and I didn't notice. Please see below messages.

Jake Perry Prod/Ops Engineer – SJS Hilcorp Energy Co. (O) 346-237-2053 (M) 864-303-3793

From: Jake Perry < <u>Jake.Perry@hilcorp.com</u>> Sent: Tuesday, May 23, 2023 8:55 AM

To: Monty Striegel - (C) < Monty. Striegel@hilcorp.com>; monica.kuehling@emnrd.gov

Cc: Jose Morales <jomorales@hilcorp.com>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>

Subject: RE: Squeeze job on Price #5

Monica.

This confirmed leak off at 4632'-4633' is inside our Approved NOI perf interval for the Mesaverde and below our approved NOI perf interval for the Chacra as noted below. There is a CBL post squeeze dated 05/03/01 that is on file with OCD showing top of cement at about 1000'. We are executing this squeeze to help with the results of our frac and plan to perforate across these old squeeze perfs during our frac execution. With this being in the approved zone, well below top of cement, we would like to skip the MIT and count these in our perforations. Please let me know if you have any questions regarding this proposal.

Approved NOI Perf Range - Mesaverde – (4500'-5440') Approved NOI Perf Range - Chacra – (3980'-4350')

Jake Perry Prod/Ops Engineer – SJS Hilcorp Energy Co. (O) 346-237-2053 (M) 864-303-3793

From: Monty Striegel - (C) < Monty. Striegel@hilcorp.com>

Sent: Tuesday, May 23, 2023 8:41 AM To: monica.kuehling@emnrd.gov

Cc: Jake Perry <Jake.Perry@hilcorp.com>; Jose Morales <jomorales@hilcorp.com>

Subject: Squeeze job on Price #5

Hello Monica, here is some information on this squeeze.

Hilcorp Energy Company

Well : Price #5 API# 30-045-30252 Rig : HEC 105

It had an MIT ran on 3-30-23 and witnessed by Thomas Vermersch and it passed, the pre-existing squeeze holes at 4632'-4633' shot and squeezed on 5-1-2001 broke down on the high pressure test, we isolated the holes and had a good test below and above. We will be using Hilcorps cement pkg. If you need anything else from me please let me know. And sorry for the late notice.

Monty Striegel Rig Supervisor 505-330-1916 Monty.Striegel@hilcorp.com

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## **Cheryl Weston**

From: blm-afmss-notifications@blm.gov Sent: Wednesday, July 19, 2023 7:14 PM

To: Cheryl Weston

Subject: [EXTERNAL] Well Name: PRICE, Well Number: 5, Notification of Well Completion

Acceptance

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

## The Bureau of Land Management

## **Notice of Acceptance for Well Completion Report**

Operator Name: HILCORP ENERGY COMPANY

Well Name: PRICEWell Number: 5

US Well Number: 3004530252

Well Completion Report Id: WCR2023071988721

This notification is automatically generated. Please do not reply to this message as this account is not monitored.

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# UNITED STATES DEPARTMENT OF THE INTERIOR BUILDEAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2018

BUREAU OF LAND MANAGEMENT												Expires: July 3	31, 20	18	
	WE	LL COM	PLETIO	N OR RE	COMPL	ETIO	N REPO	ORT AND	LO	G	5. Lea	ase Serial No.	NMSF0783	3904	1
a. Type of Well		Oil Well	X	Gas Well	Dry		Othe	r			6. If I	ndian, Allottee		<i>,,,,,</i>	`
b. Type of Com	<u></u>	New Well		Work Over	Deep	en			Diff.	Resvr.,		,			
		Other:	_	R	ECOMPL	ЕТЕ					7. Ur	it or CA Agree	ement Name a	nd No	).
2. Name of Oper	ator										8. Lea	se Name and W	ell No.		
			Hilcorp	Energy C									Price 5		
3. Address	382 Rd 3100	. Aztec N	M 87410	)	3a. F	hone N		e area code) 333-170			9. AP	I Well No.	30-045-302	252	
Location of W					ace with Federal requirements)*  10. Field and Pool or Exploratory  Blanco Mesaverde								erde		
At surface	Unit P (SES	E), 755' l	FSL & 79	90' FEL							11. S	ec., T., R., M., o	on Block and a		
At top prod. I	nterval reported b	elow			Sar	ne as	s above				12. C	County or Parish	Sec. 12, T	28N	<b>, R8W</b> 13. State
At total depth	ı			San	ne as ab	ove							San Juan		New Mexico
4. Date Spudde 1/2	d <b>22/2001</b>	15. I	Date T.D. R <b>2/3</b>	leached 3/2001	16		Completed D & A	d 6/24/ X Read		rod.	17. E	llevations (DF, I	RKB, RT, GL)* <b>6412</b>		
8. Total Depth:		75	95'	19. Plug B	ack T.D.:			7486'	<u> </u>	20. Depth l	Bridge	Plug Set:	MD TVD		7236'
21. Type Electri	c & Other Mecha	nical Logs I	Run (Subm	it copy of ea	ch)					22. Was v	vell co	red?	X No	Ye	es (Submit analysis)
										Was	DST rı	ın?	X No	Y	es (Submit report)
										Direc	tional	Survey?	X No	Ye	es (Submit copy)
23. Casing and I	iner Record (Rep	ort all strin	gs set in we	ell)	ī		G.	<b>a</b> .				C1 17.1	ı		
Hole Size	Size/Grade	Wt. (#/1	t.) T	Cop (MD)	Bottom	(MD)		Cementer Depth		o. of Sks. & pe of Cemer		Slurry Vol. (BBL)	Cement top	)*	Amount Pulled
12 1/4	9 5/8" J-55	36#		0	288			n/a		139 sx					
8 3/4" 6 1/4"	7" J-55 4-1/2" J-55	20# 11#		0	352 756			n/a n/a		570 sx 329 sx					
0 1/4	4-1/2 J-55	11#		U	730	<u> </u>	+ '	ıva		349 SX					
M T 1' D	1														
24. Tubing Reco	Depth Set (M	D) Pa	cker Depth	(MD)	Size	D	Depth Set (N	MD) P	acker	Depth (MD)	)	Size	Depth Set (M	ID)	Packer Depth (MD)
2 3/8"	5231'			` /			1			T			1		
25. Producing Int				ь —	D #	26.		on Record		I		G.	N 11 1		D. C.C.
A)	Formation Point Lookou	t		Top 232'	Bottom <b>5302'</b>		P	erforated Int 3 SPF				Size <b>0.35</b>	No. Holes		Perf. Status  Open
3)	Menefee		49	922'	5160'	+		3 SPF				0.35	24		open
C)	Cliffhouse	)	46	552'	4780'			3 SPF				0.35	24		open
O) Acid Fractus	TOTAL re, Treatment, Cer	mont Squaa	zo etc										72		
	Depth Interval	ment Squeez	ze, etc.					A	mount	and Type o	f Mate	rial			
	5232-5302		BDW v	w/H2O & 50	0 gal 15%	HCL. I	Foam Fra						40 sand, 889,0	00 S	CF N2
	4922-5160												0 sand, 1.16M		
	4652-4780		BDW v	W/H2O & 50	0 gai 15%	HCL. I	Foam Fra	c w/ 768 bb	IS Of	70 Q Slick v	vater,	90,001# 20/40	0 sand, 842,00	10 SC	F N2
28. Production -	Interval A														
Date First	Test Date	Hours	Test	Oil	Gas		Water	Oil Gravity		Gas		Production M		!	_
Produced		Tested	Production		MCF		BBL	Corr. API		Gravity			FIO'	wing	9
6/24/2023 Choke	6/24/2023 Tbg. Press.	5 Csg.	24 Hr.	Oil	) 21 Gas	mcf	0 bbls Water	n/a Gas/Oil		Well Sta					
	Flwg.	Press.	Rate	BBL	MCF		BBL	Ratio		wen sta	ius				
21/64"	300 psi	420 psi		<u> </u>	21	mcf	0 bbls	n/a					Producing		
28a. Production			- I_		-			1		T <sub>2</sub>					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Water BBL	Oil Gravity Corr. API		Gas Gravity		Production M	ethod		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Water BBL	Gas/Oil Ratio		Well Sta	tus	1			
	SI	I		. 1		1		I							

<sup>\*(</sup>See instructions and spaces for additional data on page 2)

28b. Production	_		lm.	le"	l c	lyr.	0.1.2	l~	In the second	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
28c. Production	ı - Interval D						<u> </u>			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
29. Disposition	of Gas (Solid, used	d for fuel, ve	ented, etc.)			So	old			
	f Porous Zones (In							T	ion (Log) Markers	
-	portant zones of po pth interval tested,	-								
Formatio	on To	рр	Bottom		Descrip	tions, Conte	nts, etc.		Name	Top  Meas. Depth
Ojo Alan Kirltano			2209' 2792'	(		White, cr-gr ss	gry, fine-gr ss.		Ojo Alamo Kirtland	2114' 2209'
Fruitland Pictured Cl			3055' 3980'	Dk gry-gry	2792' 3505'					
Chacra Cliffhous			4649' 4792'	-	n grn silty, glau Light gry, me		one w/ drk gry shale		Chacra Mesaverde	3980' 5280'
Menefee			5239'			, fine gr ss, ca			Menefee	4792'
Point Look	cout <b>52</b> 3	39'	6501'			of formation	nt sh breaks in lowe		Point Lookout	5670'
Gallup	650	)1'	7189'	Lt. gry to bri		cac gluac silts eg. interbed s	& very fine gry gry h.	/ ss w/	Gallup	6943'
Greenhor Granero		39'	7252'		Highly ca Dk gry shale,	alc gry sh w/tl			Greenhorn Graneros	7700'
			7202		gry foss carb	sl calc sl sitty	ss w/ pyrite incl thi	n sh		72521
Dakota Morrison		52"		Interbe		cly Y shale b	reaks : fine to coard grn s	s	Dakota	7252'
Γhis well is	s currently p	roducing	g as a MV/CI	H commi	ingle on	DHC-525	53. NMSF00	78390A.		
33. Indicate wh	ich items have bee	n attached b	by placing a check	in the appr	opriate boxe	s:				
Electrical	I/Mechanical Logs	(1 full set re	eq'd.)		Geol	ogic Report		DST Report	Directional Surv	vey
Sundry N	lotice for plugging	and cement	verification		Core	Analysis		Other:		
34. I hereby cer	tify that the forego	oing and atta	ched information	is complete	and correct	as determine	ed from all availa	ble records (see at	tached instructions)*	
	(please print)		Chery	lene We	ston		Title	Оре	rations/Regulatory Tech	nnician
Name (	(F )									

(Continued on page 3) (Form 3160-4, page 2)

Released to Imaging: 7/21/2023 1:09:51 PM

## **Cheryl Weston**

From: blm-afmss-notifications@blm.gov Sent: Wednesday, July 19, 2023 7:14 PM

To: Cheryl Weston

Subject: [EXTERNAL] Well Name: PRICE, Well Number: 5, Notification of Well Completion

Acceptance

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

## The Bureau of Land Management

# **Notice of Acceptance for Well Completion Report**

Operator Name: HILCORP ENERGY COMPANY

Well Name: PRICEWell Number: 5

US Well Number: 3004530252

Well Completion Report Id: WCR2023071988721

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# UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2018

			BUKEA	U OF LAI	ND MAN	IAGEMEN	N I					Expires: July	31, 20	018
WELL COMPLETION OR RECOMPLETION REPORT AND									G	5. Lea	ase Serial No.	NMSF078	390/	4
1a. Type of Wel	1	Oil Well	X Ga	s Well	Dry	Oth	er			6. If I	ndian, Allottee			<u>-</u>
b. Type of Con	npletion:	New Well	□w	ork Over	Deepen	Plug	g Back	Diff.	Resvr.,					
		Other:	_	REG	— COMPLET	<u>—</u> Е				7. Ur	nit or CA Agree	ement Name a	and N	0.
2. Name of Open	rator		Hilcorn E	nergy Co	mnany		,			8. Lea	ase Name and V	Vell No. Price 5		
3. Address			niicoi p E	illergy Co		ne No. (includ	le area code	)		9. AP	I Well No.	FIICE 3		
	382 Rd 3100					(505	333-170	,				30-045-30	252	
4. Location of W	Vell (Report locat	·			leral requir	ements)*				10. Fi	ield and Pool or	Exploratory Otero Cha	acra	
At surface	Unit P (SES	E), 755'	FSL & 79	0' FEL						11. S	Sec., T., R., M., Survey or Are			
											~	Sec. 12, T	28N	, R8W
At top prod. I	Interval reported b	oelow			Same	as above	•			12. C	County or Parish	l		13. State
At total depth					as abov							San Juan		New Mexico
14. Date Spudde <b>1/2</b>	ed <b>22/2001</b>	15. 1	Date T.D. Re <b>2/3/</b>	ached <b>2001</b>	16. I	Date Complete D & A	d <b>6/24</b> X Rea	/ <b>2023</b> dy to Pr	od.	17. E	Elevations (DF,	*(RKB, RT, GL <b>641</b> 2		
18. Total Depth:		75	95'	19. Plug Bacl	к Т.D.:		7486'	í	20. Depth	Bridge	Plug Set:	MD TVD		7236'
21. Type Electr	ic & Other Mecha	nical Logs I	Run (Submit	copy of each)	ı				22. Was v	well co	red?	X No	_	es (Submit analysis)
71		Ü	`	10					Was	DST r	un?	X No		es (Submit report)
									Dire	ctional	Survey?	X No	Y	es (Submit copy)
23. Casing and I	Liner Record (Rep	ort all strin	gs set in well	)										
Hole Size	e I Size/Grade I Wt (#/ft ) I Ton (MI)) I Bottom (MI)) I - I I I I I I I I I I I I I I I I					Slurry Vol. (BBL)	Cement to	p*	Amount Pulled					
12 1/4	9 5/8" J-55			0	288'		n/a		139 sx					
8 3/4" 6 1/4"	7" J-55	20# 11#		0	3528' 7563'		n/a n/a		570 sx 329 sx					
0 1/4	4-1/2" J-55	11#		-	7303		II/a		349 SA					
24 m 11 m														
24. Tubing Reco	Depth Set (M	ID) P:	acker Depth (	MD)	Size	Depth Set (	MD) I	Packer I	Depth (MD	<u>,                                    </u>	Size	Depth Set (N	MD)	Packer Depth (MD)
2 3/8"	5231'	10)	icker Bepui (	(MD)	SILC	Depth Set (	1412)	ucker	sepui (MB	,	Size	Depth Set (I	<b>(ID</b> )	r tieker Beptir (MB)
25. Producing In						26. Perforat					a:			D 4.6
A)	Formation Chacra		398		Bottom 4144'	P	erforated In 3 SPF				0.35	No. Holes		Perf. Status  Open
B)	Onaora			~										орон
C)	TOTAL											24		
D) 27 Acid Fractu	re, Treatment, Ce	ment Squee	ze etc									24		
27. Tiera, Fracta	Depth Interval	ment squee					A	mount	and Type o	of Mate	erial			
	3986-4144		BDW w/	H2O & 500 (	gal 15% HC	L. Foam Fra	c w/ 854 b	bls of 7	'0 Q slick	water,	90,001# 20/4	0 sand, 771,0	00 SC	CF N2
	-													
28. Production -		I	I	0.11	la.	1	0.1.6		To.		In			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Y	Gas Gravity		Production M		win	g
6/24/2023	6/24/2023	5	$\longrightarrow$	. 0	0	0 bbls	/	_		/_				
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	9 mcf Gas	Water	Gas/Oil	a	Well Sta					
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio							
21/64"	300 psi	420 psi		. 0	9 mcf	0 bbls	n/s	a				Producing		
28a. Production				lou		w.	0:1.0				D 1 2	J		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	y	Gas Gravity		Production M	ieinoa		
				.					2					
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil		Well Sta	itus	1			
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio							

<sup>\*(</sup>See instructions and spaces for additional data on page 2)

286. Production   Second Company of Company of Company of Control   Contro	201 7 1											
Produced   Production   Production   DOL   MOT   DOL   Care APT   Care sity		1	House	Tost	0:1	Cos	Water	Oil Cassita		Con	Draduation Mathed	
Size   Processor   Record   Proc.		Test Date						1			Production Method	
Size   Processor   Record   Proc.	Choke	The Press	Cea	24 Hr	Oil	Gas	Water	Gas/Oil		Wall Status		
Description   Peet Date   Peet Date   Production   Descriptions   Oil   Case   Water   Oil   Group's   Oil		Flwg.	1 -							wen status		
Description   Peet Date   Peet Date   Production   Descriptions   Oil   Case   Water   Oil   Group's   Oil	28c. Production	- Interval D										
Chele   They Press.   Cop.   24 Hr.   Oil   Gas   Water   Gas-Old   Well Status		_	Hours	Test	Oil	Gas	Water	Oil Gravity	y	Gas	Production Method	
Process   Proc	Produced		Tested	Production	BBL	MCF	BBL	Corr. API		Gravity		
Process   Proc	Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil		Well Status	<u>l</u>	
Solid   Summary of Percons Zones Checkude Aquiffers);   Show all important zones of perconsity and contents thereof: Cored intervals and all drill-teem test, including depth interval tested, cushion used, time tool open, flowing and shart—in pressures and recoverates.     Show all important zones of perconsity and contents thereof. Cored intervals and all drill-teem test, including depth interval tested, cushion used, time tool open, flowing and shart—in pressures and recoverates.     Show all intervals and all drill-teem test, including depth interval tested, cushion used, time tool open, flowing and shart—in pressures and recoverates.     Show all intervals and all drill-teem test, including depth interval tested, cushion used, time tool open, flowing and shart—in pressures and recoverates.     Show all the pressure of the post of the pressure of the post of the pressure of the post of the pressure of the growth of the growt	Size	Flwg.	-	Rate	BBL	MCF	BBL	Ratio				
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, custion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name Meas, Depth Ojip Alamo 2114 2209 Cys three testeds of which, erg is Gip Alamo 2214 2209 2792 Cys three testeds of which, erg is Gip Alamo 2209 2792 Cys three testeds of which, erg is Kirdund 2209 Februard Chiffs 3085 3085 Dk grygr carb sh, coal, gras silb, fight med gry, tight, fine gr ss. Fruidiand 2792 15085 Chaera 3980 4649 Gry fine mistry phenomics of stone we febr gry shale Chaera 3980 Mender 4792 1239 Mender gr, fine gr, sc, arb sh & coal Measured 5289 Mender 4792 5239 Mender (pr, fine gr, sc, arb sh & coal Messwerds 5280 Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Messwerds 5280 Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 523 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 523 Mender 4792 523 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 523 Men	29. Disposition	of Gas (Solid, used	l for fuel, ve	nted, etc.)			So	old				
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, custion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name Meas, Depth Ojip Alamo 2114 2209 Cys three testeds of which, erg is Gip Alamo 2214 2209 2792 Cys three testeds of which, erg is Gip Alamo 2209 2792 Cys three testeds of which, erg is Kirdund 2209 Februard Chiffs 3085 3085 Dk grygr carb sh, coal, gras silb, fight med gry, tight, fine gr ss. Fruidiand 2792 15085 Chaera 3980 4649 Gry fine mistry phenomics of stone we febr gry shale Chaera 3980 Mender 4792 1239 Mender gr, fine gr, sc, arb sh & coal Measured 5289 Mender 4792 5239 Mender (pr, fine gr, sc, arb sh & coal Messwerds 5280 Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Messwerds 5280 Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 5239 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 523 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 523 Mender 4792 523 Medicals (gr, fine gr ss, coarb sh & coal Mender 4792 523 Men	1											
including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.    Formation   Top	30. Summary of	Porous Zones (Inc	clude Aquif	ers):						31. Formatio	n (Log) Markers	
Permation   Top   Bottom   Descriptions, Contents, etc.   Name   Meas. Depth	including dep	-	-									
Ojo Alamo Clip Alamo Clip Alamo Clip Alamo Cliffs Clip Clip Clip Clip Clip Clip Clip Clip												Тор
Right   2209'   2792'   365'	Formation	n To	p	Bottom		Descrip	otions, Conte	nts, etc.			Name	Meas. Depth
Fruitland 2792' 3085' 3080' Dk gry-gry carb sh, coal, gm silhs, light-med gry, tight, fine gr ss.   Chacra 3980' 4649' A792' Cliffhose 4649' 4792' Light gry, mothing gr ss. carb sh & coal Mesaverde 5280' Menefece 4792' 5239' Med-durk gry, fine gr ss. carb sh & coal Mesaverde 4792' S280' Med-durk gry, fine gr ss. carb sh & coal Mesaverde 5280' Menefece 4792' 5239' Med-durk gry, fine gr ss. carb sh & coal Mesaverde 5280' Menefece 4792' 5239' Med-durk gry, fine gr ss. carb sh & coal Mesaverde 5280' Menefece 4792' Med-durk gry, fine gr ss. carb sh & coal Menefece 4792' Med-durk gry, fine gr ss. carb sh & coal Menefece 4792' Med-durk gry, fine gr ss. carb sh & coal Menefece 4792' Med-durk gry, fine gr ss. carb sh & coal Menefece 4792' Med-durk gry, fine gr ss. carb sh & coal Menefece 4792' Med-durk gry, fine gr ss. carb sh & coal Menefece 4792' Med-durk gry, fine gr ss. carb sh & coal Menefece 4792' Med-durk gry, fine gr ss. carb sh & coal Menefece 4792' Med-durk gry, fine gr ss. carb sh & coal Menefece 4792' Med-durk gry, fine gr ss. carb sh & coal Menefece 4792' Med-durk gry, fine gr ss. carb sh & coal Menefece 4792' Med-durk gry, fine gr ss. carb sh & coal Menefece 4792' Med-durk gry, fine gr ss. carb sh & coal Menefece 4792' Med-durk gry, fine gr ss. carb sh & coal Menefece 4792' Med-durk gry, fine gr gr gr ys sw fine gr gr gr gr gr ys sw fine gr gr gr gr ys sw fine gr gr gr gr ys sw fine gr	Ojo Alam	10 211	4'	2209'		,	White, cr-gr ss				Ojo Alamo	2114'
Pictured Cliffs Chacra 3980' Ade49' 4492' Light gry, med-fine gr ss, curb sh & coal Mesaverde 5280' Menclee 4792' Point Lookout 5239' Med-dark gry, fine gr ss w frequent is breaks in lower part of formation Gallup 6501' T189' Greenborn 7189' ' Bight yeak, gry sh w finish from.  Greenborn 7789' Dakota 7252' Dakota 7252' Dakota 7252' Dakota 7252' Additional remarks (include plugging procedure):  This well is currently producing as a MV/CH commingle on DHC-5253.  3505' Thereby certify that the foregoing and attached by placing a check in the appropriate boxes:    Geologic Report	Kirltand	220	9'	2792'	(	Gry sh interbe	dded w/tight,	gry, fine-gr ss.			Kirtland	2209'
Cliffhouse					Dk gry-gry	carb sh, coal,	grn silts, light-	med gry, tight,	fine gr ss.		Fruitland	
Cliffhouse 4649' 4792' Light gry, med-fine gr ss, carb sh & coal Mesaverde 5280' Menefee 4792' 5239' Med-dark gry, fine gr ss, carb sh & coal Menefee 4792' Med-dark gry, fine gr ss, carb sh & coal Menefee 4792' Med-dight gry, very fine gr ss w frequents the retask in lower part of formation 1 formation 1 formation 1 figure incred sh.    Gallup 6501' 7189' Highly calc gry sh w thin Imst. Greenhorn 7700' Grancros 7252' Disposable ground grows and the growth fine fine growth fine grow	Chacra	398	0'	4649'	Gry fr	n grn silty, gla	uconitic sd sto	ne w/ drk gry sl	hale		Chacra	3980'
Point Lookout 5239 6501	Cliffhous	e <b>464</b>	9'	4792'	-						Mesaverde	5280'
Point Lookout 5239' 6501' L. gry to brm calc carb micac glues slits & very fine gry gry ss w/ irreg. interbed in forenthorn 7189' i Highly calc gry sh w thin limst. Greenhorn 7790' Greenhorn 7252' Dig sy shale, fossit & carb will prefix the L. Li of dark gry foss carb is cale a slity ss w/ print incl. Graneros '7252' Dig sy shale, fossit & carb wy print incl. Graneros '7252' Dig sy shale, fossit & carb wy print incl. Graneros '7252' Dig sy shale, fossit & carb wy print incl. Graneros '7252' Dig sy shale, fossit & carb wy print incl. Graneros '7252' Dig sy shale, fossit & carb wy fossit carb stale a slity ss w/ print incl. Graneros '7252' Dig sy shale, fossit & carb wy fossit carb stale a slity ss w/ print incl. Graneros '7252' Dig sy shale, fossit & carb wy fossit carb stale a slity ss w/ print incl. Graneros '7252' Dig sy shale, fossit & carb wy fossit carb stale a slity ss w/ print incl. Graneros '7252' Dig sy shale by backed by shale breaks Dakota Ty252' Dig sy shale by backed by shale for shale	Menefee	479	2'	5239'		Med-dark gr	y, fine gr ss, ca	arb sh & coal			Menefee	4792'
Gallup 6501' 7189' ' Highly cale gry sh wf thin linst. Greenhorn 7700' Greenhorn 7700' Craneros 7252' Li to dark gry fiose carb's clast is stry sw lyrite inct thin sh Dakota 7252' Li to dark gry fiose carb's clast is stry sw lyrite inct thin sh Dakota 7252' Additional remarks (include plugging procedure):  This well is currently producing as a MV/CH commingle on DHC-5253.  This well is currently producing as a MV/CH commingle on DHC-5253.  33. Indicate which items have been attached by placing a check in the appropriate boxes:    Gallup 6943' Greenhorn 7700' Toron' Toro	Point Look	out <b>523</b>	9'	6501'			of formation		_		Point Lookout	5670'
Greenhorn Graneros Graneros T252' Dik gry shale, fossil & carb wi pyrite incl. Lit to dark gry fose carb of calls sity six wi pyrite incl thin sh bands cly Y shale breaks Morrison  32. Additional remarks (include plugging procedure):  This well is currently producing as a MV/CH commingle on DHC-5253.  33. Indicate which items have been attached by placing a check in the appropriate boxes:    Beterrical/Mechanical Logs (I full set req'd.)   Geologic Report   DST Report   Directional Survey	Gallun	650	1'	7189'	Lt. gry to br				y gry ss w/		Gallun	6943'
Dakota 7252' Lt to dark gry foss carb sl cale sl sitty sw 'pyrite incl thin sh bands cly 7 shale breaks  Dakota 7252' Dakota 7252'  32. Additional remarks (include plugging procedure):  This well is currently producing as a MV/CH commingle on DHC-5253.  33. Indicate which items have been attached by placing a check in the appropriate boxes:    Electrical/Mechanical Logs (1 full set req'd.)	-										<del>_</del>	
Dakota 7252' bands cly Y shale breaks Dakota 7252'  Morrison   Dakota   7252'   Dakota   Title   Dakota   Title   Dakota   Title   Dakota   Title   Dakota   Title   Dakota   Title   Title   Title   Title   Dakota   Title   Title   Title   Title   Dakota   Title	Graneros	s		7252'							Graneros	•
Morrison   Interbed gm, bm & red waxy sh & fine to coard gm ss    32. Additional remarks (include plugging procedure):  This well is currently producing as a MV/CH commingle on DHC-5253.  33. Indicate which items have been attached by placing a check in the appropriate boxes:    Selectrical/Mechanical Logs (1 full set req'd.)   Geologic Report   DST Report   Directional Survey	Dakota	725	2'		Lt to dark				I thin sh		Dakota	7252'
This well is currently producing as a MV/CH commingle on DHC-5253.  33. Indicate which items have been attached by placing a check in the appropriate boxes:    Geologic Report		ı			Interbe		•		grn ss			
Electrical/Mechanical Logs (1 full set req'd.)  Sundry Notice for plugging and cement verification  Core Analysis  Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name (please print)  Cherylene Weston  Title Operations/Regulatory Technician  Signature  Cherylene Weston  Date  7/17/2023  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				·	H commi	ingle on	DHC-528	53.				
Electrical/Mechanical Logs (1 full set req'd.)  Geologic Report  Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name (please print)  Cherylene Weston  Title  Operations/Regulatory Technician  Signature  Cherylene Weston  Date  7/17/2023  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	33 Indicate whi	ich items have bee	n attached b	v placing a chec	k in the annr	opriate boye	AC.					_
Sundry Notice for plugging and cement verification Core Analysis Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name (please print) Cherylene Weston Title Operations/Regulatory Technician  Signature Cherylene Weston Date 7/17/2023  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	_				же иррг	_			Der	Report	Directional Sum	ev
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name (please print)	_	_							_		Directional Surv	ey
Name (please print)  Cherylene Weston  Title Operations/Regulatory Technician  Signature Cherylene Weston Date 7/17/2023  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							•					
Signature Cherylene Weston Date 7/17/2023  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	34. I hereby cert	tify that the forego	ing and atta	ched information	is complete	and correct	as determine	ed from all av	ailable rec	cords (see atta	ched instructions)*	
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	Name (	please print)		Chery	lene We	ston		Title		Opera	ations/Regulatory Tech	nician
	Signatu			Cheryler	ne Westo	on		Date			7/17/2023	
								ingly and wil	lfully to m	nake to any de	partment or agency of the United	States any

(Continued on page 3) (Form 3160-4, page 2) Released to Imaging: 7/21/2023 1:09:51 PM

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

ACKNOWLEDGMENTS

Action 243123

### **ACKNOWLEDGMENTS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	243123
	Action Type:
	[C-104] Completion Packet (C-104C)

#### **ACKNOWLEDGMENTS**

✓	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
V	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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

CONDITIONS

Action 243123

## **CONDITIONS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	243123
	Action Type:
	[C-104] Completion Packet (C-104C)

#### CONDITIONS

Created By	Condition	Condition Date
plmartine	z None	7/21/2023