District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
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.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410	372171
	[3] Reason for Filing Code/ Effective Date Test Allowable - RT

[4] API Number	[5] Pool Name	[6] Pool Code
30-045-30252	Otero Chacra	82329

[7] Property Code	[8] Property Name	[9] Well Number
318661	Price	5

II. [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
P	12	28N	08W		755	South	790	East	San Juan

[11] Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
									Choose an item.

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F	F				

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
248440	Western Refinery	O
151618	Enterprise	G

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
1/22/2001	6/24/2023	7595’	7486’	3986’-4144’p	DHC-5253

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
12 1/4”	9 5/8”, 36#, J-55	288’	139 sx
8 ¾”	7”, 20#, J-55	3528’	570 sx
6 ¼”	4 ½”, 11#, J-55	7563’	329 sx
	2 3/8”, 4.7#, J-55	5231’	

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
N/A	6/24/2023	6/24/2023	5 hrs	300 psi	420 psi

[37] Choke Size	[38] Oil	[39] Water	[40] Gas		[41] Test Method
21/64”	N/A	0 bbls	9 mcfd		Flowing

[42] I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: Cherylene Weston

Printed name: Cherylene Weston

Title: Operations Regulatory Tech Sr.

E-mail Address: cweston@hilcorp.com

Date: 07/14/20P23 Phone: 713-289-2615

OIL CONSERVATION DIVISION

Approved by: PATRICIA MARTINEZ

Title: PETROLEUM SPECIALIST

Approval Date: 7/21/2023

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
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.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410	372171
	[3] Reason for Filing Code/ Effective Date Test Allowable - RT

[4] API Number	[5] Pool Name	[6] Pool Code
30-045-30252	Blanco Mesaverde	72319

[7] Property Code	[8] Property Name	[9] Well Number
318661	Price	5

II. [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
P	12	28N	08W		755	South	790	East	San Juan

[11] Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
									Choose an item.

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F	F				

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
248440	Western Refinery	O
151618	Enterprise	G

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
1/22/2001	6/24/2023	7595’	7486’	4652’-5302’	DHC-5253

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
12 1/4”	9 5/8”, 36#, J-55	288’	139 sx
8 ¾”	7”, 20#, J-55	3528’	570 sx
6 ¼”	4 ½”, 11#, J-55	7563’	329 sx
	2 3/8”, 4.7#, J-55	5231’	

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
N/A	6/24/2023	6/24/2023	5 hrs	300 psi	420 psi

[37] Choke Size	[38] Oil	[39] Water	[40] Gas		[41] Test Method
21/64”	N/A	0 bbls	21 mcfd		Flowing

[42] I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: Cherylene Weston

Printed name: Cherylene Weston

Title: Operations Regulatory Tech Sr.

E-mail Address: cweston@hilcorp.com

Date: 07/14/2023 Phone: 713-289-2615

OIL CONSERVATION DIVISION

Approved by: PATRICIA MARTINEZ

Title: PETROLEUM SPECIALIST

Approval Date: 7/21/2023

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:**
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

Subsequent Report

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 / 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:**
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: Accepted

Disposition Date: 07/19/2023

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'l 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.

Hilcorp Energy Company

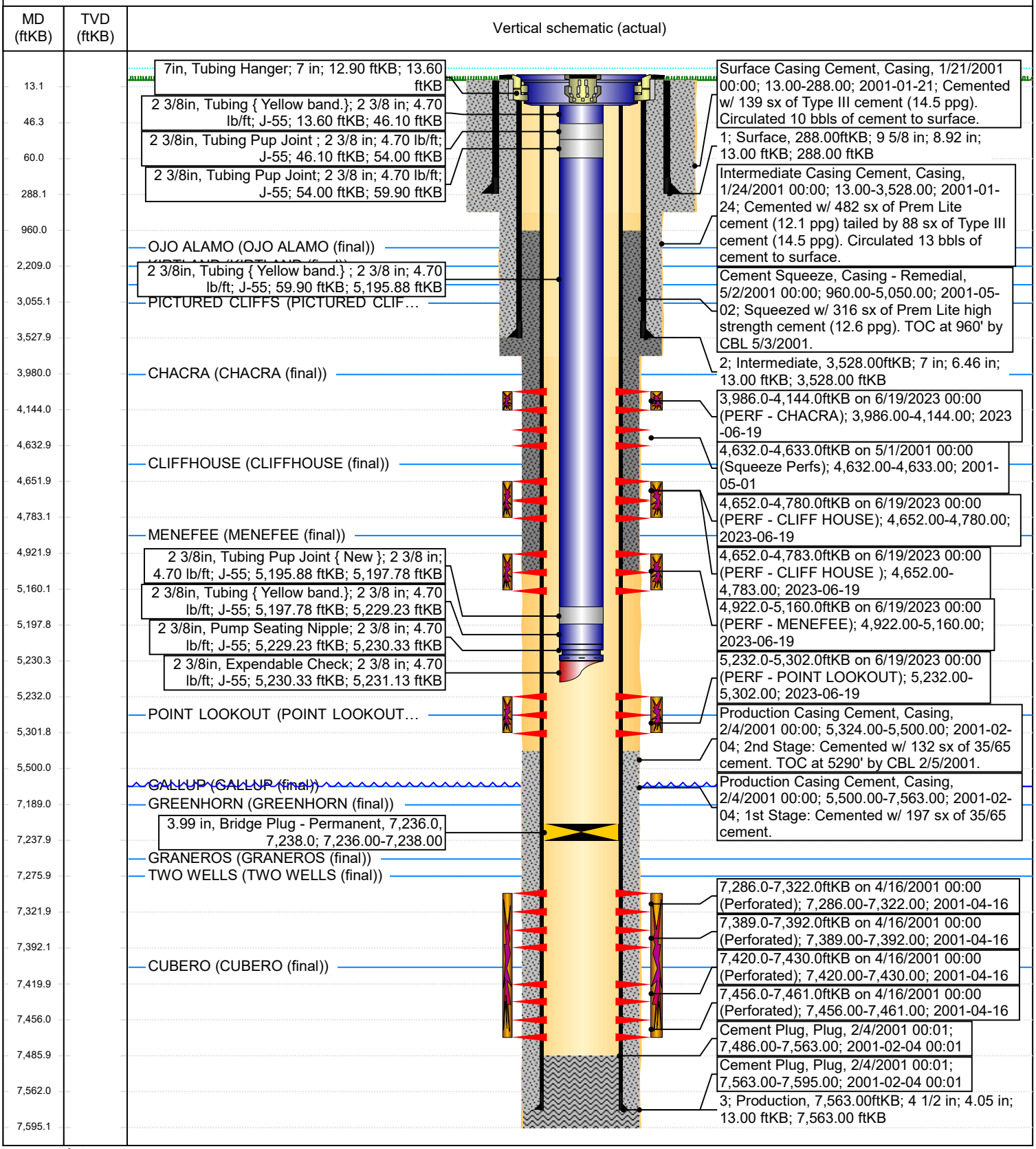
Current Schematic - Version 3

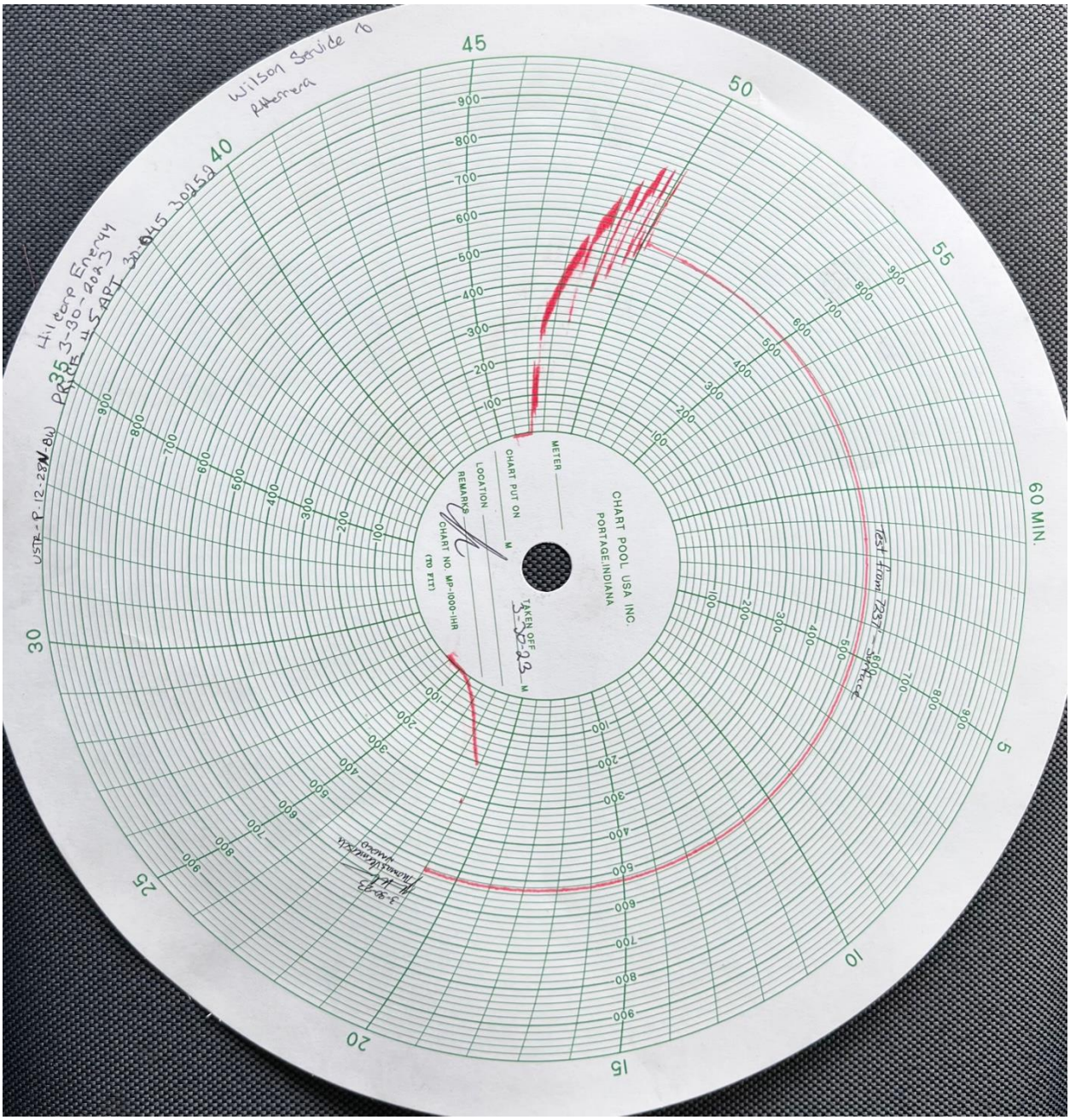
Well Name: PRICE #5

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3004530252	012-028N-008W-P	DK	1004	NEW MEXICO	Vertical

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,412.00	6,425.00	13.00	13.00	13.00

Original Hole [Vertical]




Wilson Service To
Hilcorp Energy
3-30-2023
CHART POOL USA INC.
PORTAGE, INDIANA
METER
CHART PUT ON
LOCATION
REMARKS
CHART NO. MP-1000-1HR
(TO FIT)
TAKEN OFF
3-30-23
60 MIN.

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

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 <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

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 <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

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 <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

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

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 <Jake.Perry@hilcorp.com>
Sent: Friday, May 26, 2023 6:09 AM
To: Harrison, John, EMNRD <John.Harrison@emnrd.nm.gov>
Cc: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Jose Morales <jomorales@hilcorp.com>; Monty Striegel - (C) <Monty.Striegel@hilcorp.com>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>
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 <Jake.Perry@hilcorp.com>
Sent: Friday, May 26, 2023 7:06 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: RE: [EXTERNAL] FW: Squeeze 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 <Jake.Perry@hilcorp.com>
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

Verbal approval given earlier today for squeeze work

Please wait for review of the rest thank you

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

The information contained in this email message is confidential and may be legally privileged and is intended only for the use of the individual or entity named above. If you are not an intended recipient or if you have received this message in error, you are hereby notified that any dissemination, distribution, or copy of this email is strictly prohibited. If you have received this email in error, please immediately notify us by return email or telephone if the sender's phone number is listed above, then promptly and permanently delete this message.

While all reasonable care has been taken to avoid the transmission of viruses, it is the responsibility of the recipient to ensure that the onward transmission, opening, or use of this message and any attachments will not adversely affect its systems or data. No responsibility is accepted by the company in this regard and the recipient should carry out such virus and other checks as it considers appropriate.

The information contained in this email message is confidential and may be legally privileged and is intended only for the use of the individual or entity named above. If you are not an intended recipient or if you have received this message in error, you are hereby notified that any dissemination, distribution, or copy of this email is strictly prohibited. If you have received this email in error, please immediately notify us by return email or telephone if the sender's phone number is listed above, then promptly and permanently delete this message.

While all reasonable care has been taken to avoid the transmission of viruses, it is the responsibility of the recipient to ensure that the onward transmission, opening, or use of this message and any attachments will not adversely affect its systems or data. No responsibility is accepted by the company in this regard and the recipient should carry out such virus and other checks as it considers appropriate.

The information contained in this email message is confidential and may be legally privileged and is intended only for the use of the individual or entity named above. If you are not an intended recipient or if you have received this message in error, you are hereby notified that any dissemination, distribution, or copy of this email is strictly prohibited. If you have received this email in error, please immediately notify us by return email or telephone if the sender's phone number is listed above, then promptly and permanently delete this message.

While all reasonable care has been taken to avoid the transmission of viruses, it is the responsibility of the recipient to ensure that the onward transmission, opening, or use of this message and any attachments will not adversely affect its systems or data. No responsibility is accepted by the company in this regard and the recipient should carry out such virus and other checks as it considers appropriate.

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

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **HILCORP ENERGY COMPANY**
- Well Name: **PRICE**
- Well 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.

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

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **HILCORP ENERGY COMPANY**
- Well Name: **PRICE**
- Well 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **NMSF078390A**

1a. Type of Well: [ ] Oil Well [X] Gas Well [ ] Dry [ ] Other
b. Type of Completion: [ ] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Resvr.,
Other: **RECOMPLETE**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: **Hilcorp Energy Company**

8. Lease Name and Well No.: **Price 5**

3. Address: **382 Rd 3100, Aztec NM 87410**

3a. Phone No. *(include area code)*: **(505) 333-1700**

9. API Well No.: **30-045-30252**

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface: Unit P (SESE), 755' FSL & 790' FEL

10. Field and Pool or Exploratory: **Blanco Mesaverde**

11. Sec., T., R., M., on Block and Survey or Area: **Sec. 12, T28N, R8W**

At top prod. Interval reported below: **Same as above**

At total depth: **Same as above**

12. County or Parish: **San Juan**

13. State: **New Mexico**

14. Date Spudded: **1/22/2001**

15. Date T.D. Reached: **2/3/2001**

16. Date Completed: **6/24/2023** [ ] D & A [X] Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*: **6412'**

18. Total Depth: **7595'**

19. Plug Back T.D.: **7486'**

20. Depth Bridge Plug Set: MD **7236'** TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey? [X] No [ ] Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	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"	7" J-55	20#	0	3528'	n/a	570 sx			
6 1/4"	4-1/2" J-55	11#	0	7563'	n/a	329 sx			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	5231'							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Point Lookout	5232'	5302'	3 SPF	0.35	24	open
B)	Menefee	4922'	5160'	3 SPF	0.35	24	open
C)	Cliffhouse	4652'	4780'	3 SPF	0.35	24	open
D)	TOTAL					72	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5232-5302	BDW w/H2O & 500 gal 15% HCL. Foam Frac w/ 881 bbls of 70 Q slick water, 107,262# 20/40 sand, 889,000 SCF N2
4922-5160	BDW w/H2O & 500 gal 15% HCL. Foam Frac w/ 625 bbls of 70 Q slick water, 92,296# 20/40 sand, 1.16M SCF N2
4652-4780	BDW w/H2O & 500 gal 15% HCL. Foam Frac w/ 768 bbls of 70 Q slick water, 90,001# 20/40 sand, 842,000 SCF N2

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/24/2023	6/24/2023	5	→	0	21 mcf	0 bbls	n/a	n/a	Flowing

Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
21/64"	300 psi	420 psi	→	0	21 mcf	0 bbls	n/a	Producing

28a. Production - Interval B

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
			→					

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

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 - Interval D

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 for fuel, vented, etc.)*

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Ojo Alamo	**2114'**	**2209'**	White, cr-gr ss	**Ojo Alamo**	**2114'**
Kirltand	**2209'**	**2792'**	Gry sh interbedded w/tight, gry, fine-gr ss.	**Kirtland**	**2209'**
Fruitland	**2792'**	**3055'**	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	**Fruitland**	**2792'**
Pictured Cliffs	**3055'**	**3980'**			**3505'**
Chacra	**3980'**	**4649'**	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	**Chacra**	**3980'**
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'**
Point Lookout	**5239'**	**6501'**	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	**Point Lookout**	**5670'**
Gallup	**6501'**	**7189'**	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	**Gallup**	**6943'**
Greenhorn	**7189'**	**'**	Highly calc gry sh w/ thin lmst.	**Greenhorn**	**7700'**
Graneros		**7252'**	Dk gry shale, fossil & carb w/ pyrite incl.	**Graneros**	**'**
Dakota	**7252'**		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	**Dakota**	**7252'**
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss		

32. Additional remarks (include plugging procedure):

This well is currently producing as a MV/CH commingle on DHC-5253. NMSF0078390A.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey

☐ 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 false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

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

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **HILCORP ENERGY COMPANY**
- Well Name: **PRICE**
- Well 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **NMSF078390A**

1a. Type of Well: [ ] Oil Well [X] Gas Well [ ] Dry [ ] Other
b. Type of Completion: [ ] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Resvr.,
Other: **RECOMPLETE**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: **Hilcorp Energy Company**

8. Lease Name and Well No.: **Price 5**

3. Address: **382 Rd 3100, Aztec NM 87410**

3a. Phone No. *(include area code)*: **(505) 333-1700**

9. API Well No.: **30-045-30252**

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface: Unit P (SESE), 755' FSL & 790' FEL

10. Field and Pool or Exploratory: **Otero Chacra**

11. Sec., T., R., M., on Block and Survey or Area: **Sec. 12, T28N, R8W**

At top prod. Interval reported below: **Same as above**

At total depth: **Same as above**

12. County or Parish: **San Juan**

13. State: **New Mexico**

14. Date Spudded: **1/22/2001**

15. Date T.D. Reached: **2/3/2001**

16. Date Completed: **6/24/2023** [ ] D & A [X] Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*: **6412'**

18. Total Depth: **7595'**

19. Plug Back T.D.: **7486'**

20. Depth Bridge Plug Set: MD **7236'** TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey? [X] No [ ] Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	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"	7" J-55	20#	0	3528'	n/a	570 sx			
6 1/4"	4-1/2" J-55	11#	0	7563'	n/a	329 sx			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	5231'							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Chacra	3986'	4144'	3 SPF	0.35	24	open
B)							
C)							
D)	TOTAL					24	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
3986-4144	BDW w/H2O & 500 gal 15% HCL. Foam Frac w/ 854 bbls of 70 Q slick water, 90,001# 20/40 sand, 771,000 SCF N2
-	
-	

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/24/2023	6/24/2023	5	→	0	9 mcf	0 bbls	n/a	n/a	Flowing

Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
21/64"	300 psi	420 psi	→	0	9 mcf	0 bbls	n/a	Producing

28a. Production - Interval B

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
			→					

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

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 - Interval D

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 for fuel, vented, etc.)*

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Ojo Alamo	**2114'**	**2209'**	White, cr-gr ss	**Ojo Alamo**	**2114'**
Kirltand	**2209'**	**2792'**	Gry sh interbedded w/tight, gry, fine-gr ss.	**Kirtland**	**2209'**
Fruitland	**2792'**	**3055'**	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	**Fruitland**	**2792'**
Pictured Cliffs	**3055'**	**3980'**			**3505'**
Chacra	**3980'**	**4649'**	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	**Chacra**	**3980'**
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'**
Point Lookout	**5239'**	**6501'**	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	**Point Lookout**	**5670'**
Gallup	**6501'**	**7189'**	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	**Gallup**	**6943'**
Greenhorn	**7189'**	**'**	Highly calc gry sh w/ thin lmst.	**Greenhorn**	**7700'**
Graneros		**7252'**	Dk gry shale, fossil & carb w/ pyrite incl.	**Graneros**	**'**
Dakota	**7252'**		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	**Dakota**	**7252'**
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn 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:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey

☐ 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 false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

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

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 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.
☑	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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 243123

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	7/21/2023