Received by OCD: 7/20/2023 5:40:09 AM District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III

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

State of New Mexico Energy, Minerals & Natural Resources

Page 1 of 12 Form C-104 Revised August 1, 2011

Oil Conservation Division 1220 South St. Francis Dr.

Submit one copy	to appropriate	District Office

☐ AMENDED REPORT

220 S. St. Franci					Santa Fe, NI						NENDED KEFOKI
¹ Operator 1	I. name and		EST FO	K ALL	OWABLE .	AND AUT	HOR	IZATION T ² OGRID Num		NSPO	ORT
Hilcorp Ene 382 Road 31		pany							37	2171 Effect	luo Doto
Aztec, NM 8	87410							³ Reason for Fi		RC	ve Date
⁴ API Numb 30-045-24		5 P	ool Name		Basin Fruit	land Coal			⁶ Pool (71629
	8536		roperty Na	me	Greni	er A			9 Well I	Number	r 8M
II. 10 Sur		cation	l n	T (T)	E 46 41	N 41/6 41		F 46 41	East/Wes	4.7.	C 4
Ul or lot no. M	Section 35	Township 30N	10W	Lot Idn 13	Feet from the 1100	North/South South		Feet from the 1030	Wes		County San Juan
UL or lot no.		le Locati Townshi		Lot Idn	Feet from the	North/Sout	h Line	Feet from the	East/Wes	st Line	County
		cing Method		onnection	¹⁵ C-129 Peri						Choose an item.
12 Lse Code F	C	Code F		ate	13 C-129 Peri	mit Number	10 (-129 Effective Da	ate 1	C-129	Expiration Date
III. Oil an		Transpo	rters		¹⁹ Transpor	utou Nomo					²⁰ O/G/W
OGRID					and Ac						- O/G/W
248440						0					
373888					Harvest Four	Corners, LLC	!				G
IV. Well				_							
²¹ Spud Da 9/26/1980		²² Read 7/8/2			²³ TD 7192'	²⁴ PBTI 7170')	²⁵ Perforatio 2408' – 255			⁵ DHC, MC DHC - 5294
²⁷ H o	ole Size		²⁸ Casin	g & Tubiı	ng Size	²⁹ De	epth Set		30	Sacks	Cement
13	3/4"		10 3/4	", 32.75#,	H-40	2	228'			135	sx
9 '	7/8"		7 5/8	3", 40#, K	-55	4	565'			517	SX
6	3/4"		5 1/2	", 15.5#, K	X-55	TOL @ 4422	@7190'	265 sx			
			2 3/	8", 4.7# J-	55	7	124'				
V. Well 7		a ² Gas Deli	war Data	33.1	Test Date	³⁴ Test	T am adh	35 (TVL o	D		³⁶ Csg. Pressure
Date New		7/8/2			Test Date		hrs		. Pressure SI 40		SI 60
³⁷ Choke Si 26/64"	ize	³⁸ (0)il	3	⁹ Water 0		Gas 84				41 Test Method Sold
⁴² I hereby cert been complied								OIL CONSERVA	ATION DIV	ISION	
complete to the Signature:						Approved by:	Sarah I	McGrath			
		All lut	Ker								
Printed name:		Amand	a Walker			Title:		eum Specialist - A	A		
Title:	Oper	rations Res	gulatory Tec	ch Sr.		Approval Date	e: 07	/27/2023			
E-mail Address	s:	_	hilcorp.con								
Date: 7/18/202			hone: 346.2								

Sundry Print Report

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Well Name: GRENIER A Well Location: T30N / R10W / SEC 35 / County or Parish/State: SAN

SWSW / 36.76433 / -107.85902 JUAN / NM

Well Number: 8M Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

WELL

Lease Number: NMNM06738 Unit or CA Name: GRENIER Unit or CA Number:

NMNM75980, NMNM76037

US Well Number: 3004524489 Well Status: Producing Gas Well Operator: HILCORP ENERGY

COMPANY

Subsequent Report

Sundry ID: 2741831

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 07/19/2023 Time Sundry Submitted: 01:36

Date Operation Actually Began: 05/30/2023

Actual Procedure: The following well has been recompleted into the Fruitland Coal and is now producing as a DHC with the existing MV/DK. Please see the attached for the recompletion operations.

SR Attachments

Actual Procedure

Grenier_A_8M_RC_SR_Writeup_20230719133555.pdf

Page 1 of 2

eceived by OCD: 7/20/2023 5:40:09 AM Well Name: GRENIER A

Well Location: T30N / R10W / SEC 35 /

County or Parish/State: SAN JUAN / NM

SWSW / 36.76433 / -107.85902

Type of Well: CONVENTIONAL GAS

Unit or CA Number: NMNM75980, NMNM76037

Allottee or Tribe Name:

US Well Number: 3004524489 Well Status: Producing Gas Well **Operator: HILCORP ENERGY**

Unit or CA Name: GRENIER

COMPANY

Operator

Lease Number: NMNM06738

Well Number: 8M

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: AMANDA WALKER Signed on: JUL 19, 2023 01:36 PM

Name: HILCORP ENERGY COMPANY Title: Operations/Regulatory Technician

Street Address: 1111 TRAVIS ST.

City: HOUSTON State: TX

Phone: (346) 237-2177

Email address: mwalker@hilcorp.com

Field

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: MATTHEW H KADE BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736 BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted Disposition Date: 07/19/2023

Signature: Matthew Kade

Page 2 of 2

Grenier A 8M 30-045-24489 NMNM06738 SR Recomplete

5/30/2023: MIRU. CK PRESSURES (SICP-41, SITP-29, SIBHP-0). ND WH. NU BOP & FT, GOOD TST. TOOH W/TBG. RIH W/MILL T/4290'. TOOH. SDFN.

5/31/2023: CK PRESSURES (SICP-78, SITP-NA, SIBHP-0). TIH & **SET CIBP @ 4232'.** DISPLACE HOLE W/93 BBLS H2O. CIRC CLEAN. PT CSG T/600 AGAINST CIBP, GOOD TST. RUN CBL F/4232' T/SURF. SDFN.

6/1/2023: CK PRESSURES (SICP-0, SITP-0, SIBHP-0). RUN MIT T/585 PSI FOR 30 MINS. TEST WITNESSED AND PASSED BY THOMAS VERMERSCH/NMOCD. RIH & **SET CBP @ 2600'.** ND BOP. NU WH. RR. WAIT ON FRAC.

6/20/2023: CK PRESSURES (SICP-0 SITP-NA, SIBHP-0). **PERF LOWER FRUITLAND COAL (2534' – 2557') W/69 SHOT, 0.34" DIA, 3 SPF, 120 DEG PHASING.** ALL SHOTS FIRED. SDFN.

6/21/2023: CK PRESSURES (SICP-0 SITP-NA, SIBHP-0). RUN **FRAC THRU PLUG & SET @ 2511'**. MU FRAC PACKER & FRAC STRING. FRAC STRING LANDED @ 2334'. ND BOP. NU FRAC STACK, PT, GOOD TST. WAIT ON FRAC.

7/1/2023: CK PRESSURES (SITP: VACUUM SICP: 0 PSI SIBHP: 0 PSI). RU FRAC CREW FRUITLAND COAL STIMULATION: (2534' TO 2557') STAGE 1 FRAC AT 50 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 664 BBLS TOTAL ACID: 24 BBLS TOTAL SLICKWATER: 601 BBLS TOTAL L FRAC (LINEAR GEL) 86 BBLS TOTAL 100 MESH: 5081 LBS TOTAL 20/40 SAND: 75,570 LBS TOTAL N2: 884,000 SCF. R/U W/WL PERF 2ND STAGE FRUITLAND COAL (2408' – 2489'). W/66 SHOTS, 0.34" DIA 3 SPF IN 3 RUNS. ALL SHOTS FIRED. FRUITLAND COAL STIMULATION: (2408' TO 2489') STAGE 2 FRAC AT 50 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 685 BBLS TOTAL ACID: 24 BBLS TOTAL SLICKWATER: 661 BBLS TOTAL L FRAC (LINEAR GEL) 144 BBLS TOTAL 100 MESH: 5080 LBS TOTAL 20/40 SAND: 89,706 LBS TOTAL N2: 878,000 SCF. RD FRAC CREW.

7/2/2023: CK PRESSURES (SICP-900, SITP 0, SIBHP-0). ND FRAC STACK. NU BOP & FT, GOOD TST. RELEASE PKR & TOOH W/FRAC STACK. TIH W/BIT T/2272'. SDFN.

7/3/2023: CK PRESSURES (SITP- 0 PSI. SICP- 820 PSI). TIH & TAG FRAC THRU PLUG @ 2511'. EST CIRC & **DO PLUG @ 2511'.** CIRC CLEAN. CONT CO. TAG **CBP @ 2600' & DO.** TOOH W/7 STANDS. SDFN.

7/4/2023: CK PRESSURES (SITP- 0 PSI. SICP- 610 PSI). CONT DRILLING THROUGH PLUG 2 @ 2600'. TIH & TAG & **DO CIBP @ 4232'.** TOOH W/MILL. SDFN.

7/5/2023: CK PRESSURES (SITP- 0 PSI. SICP- 410 PSI). TIH & CONT DRILLING THROUGH PLUG @ 4232'. SDFN.

7/6/2023: CK PRESSURES (SITP- 0 PSI. SICP- 410 PSI). CONT DRILLING THROUGH PLUG @ 4232'. EST CIRC. PLUG FELL T/4404'. SDFN.

7/7/2023: CK PRESSURES (SITP- 0 PSI. SICP- 300 PSI). TIH & TAG CIBP @ 4399'. EST CIRC. DRILL ON PLUG, TAG TOL @ 4413'. CONT TIH & TAG @ 7712'. RU PWR SWVL. EST CIRC. CO F/7112' T/7170'. TOOH W/BIT. SDFN.

7/8/2023: CK PRESSURES (SITP- 0 PSI. SICP- 220 PSI). TIH W/228 JTS 2 3/8" 4.7# J-55 PROD TBG. EOT @ 7124'. FN @ 7123'. PBTD @ 7170'. ND BOP. NU WH. PMP 5 BBLS W/5 GAL CORROSION INHIBITOR,

Grenier A 8M 30-045-24489 NMNM06738 SR Recomplete

DROPPED BALL, PT TBG T/500 PSI, GOOD TST. POP OFF CK @ 900 PSI. UNLOAD WELL. RDRR. HAND OVER TO OPERATIONS.

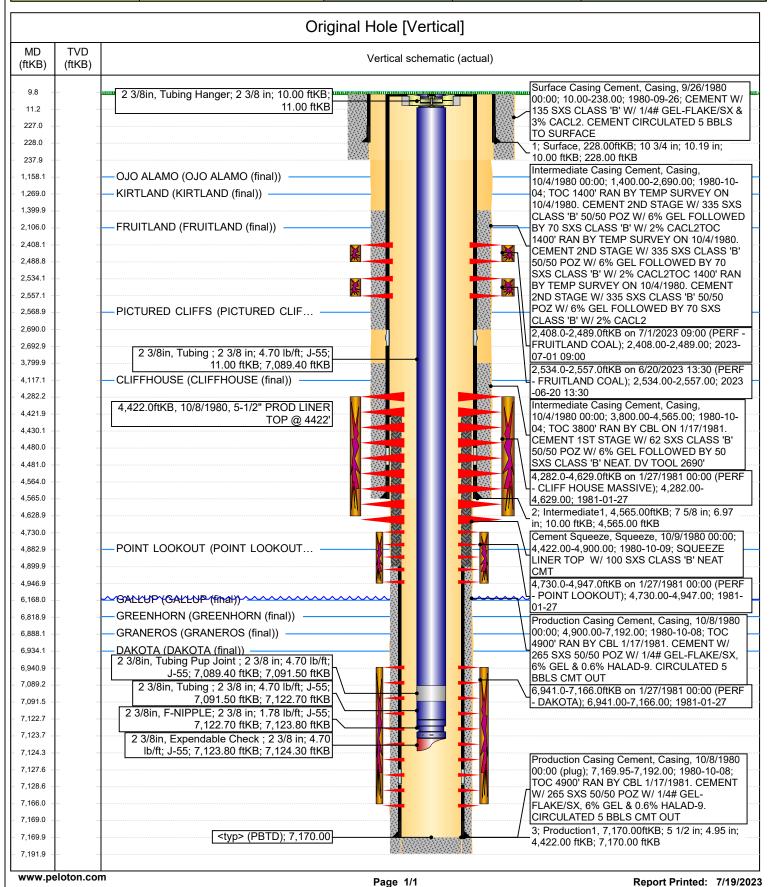
WELL NOW PRODUCING AS A FC/MV/DK TRI-MINGLE

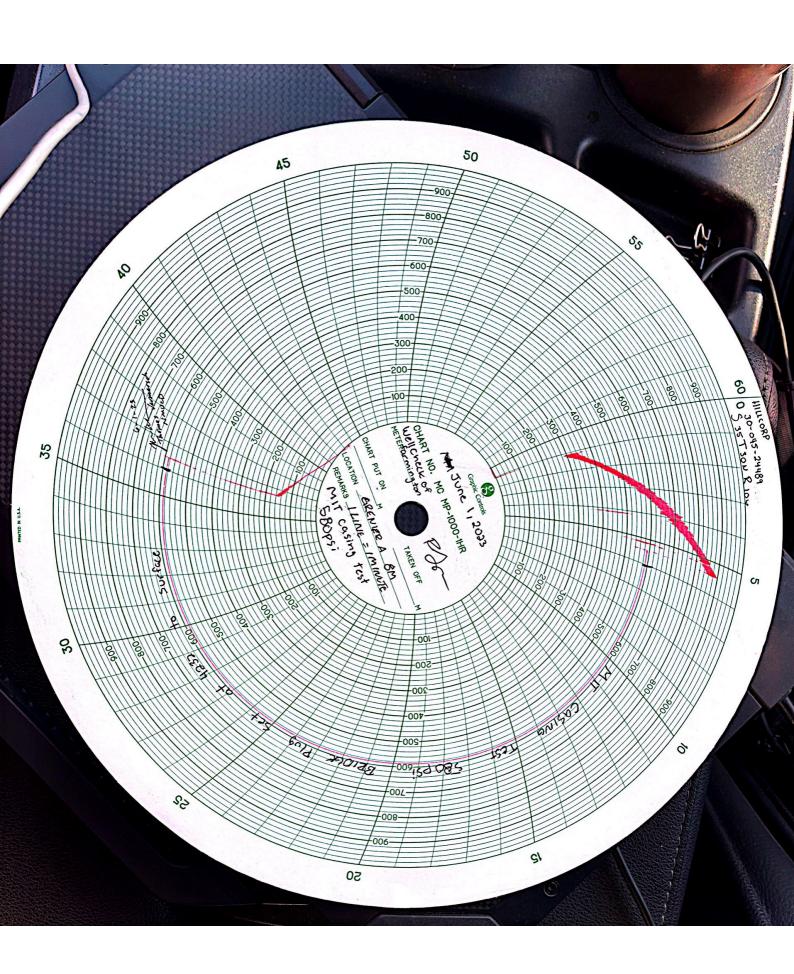


Current Schematic - Version 3

Well Name: GRENIER A #8M

	Surface Legal Location 035-030N-010W-M	Field Name BSN DK(PRO GAS			State/Province		Well Configuration Type Vertical
Ground Elevation (ft) 6,089.00	Original KB/RT Elevation (ft) 6,099.00		B-Ground Distance (ft) 0.00	KB-Casing Flange Dis	tance (ft)	KB-Tubing Hanger	Distance (ft)





UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT									FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2018						
	WELL	COMPLI	ETION OR F	RECOM	//PLETIO	N RI	EPORT	AND L	OG		5. L	ease Serial No.	MNM06738		
1a. Type of Well		Oil Well	X Gas W		Dry		Other		D:cc		6. If		e or Tribe Name		
b. Type of Con	npletion:	New Well	Work (Deepen	•	Plug B	ack X	Diff.	Resvr.,	7. U	nit or CA Agre	ement Name and		
2. Name of Oper	rator	Other:		Re	ecomplete	<u> </u>					8. L	ease Name and	NMNM 1 Well No.	22081	
		Hild	corp Energy	Comp		N	<i>(: 1 1</i>	7 \					Grenier	A 8N	1
3. Address	382 Road 3100,	Aztec, NN	/I 87410		3a. Pho	ne No.	. (include d (505) 5	area coae) 5 99-340			9. A	PI Well No.	30-045-2	24489)
4. Location of W	Vell (Report location clean	rly and in acc	cordance with Fe	ederal req	quirements)*	*					10. 1	Field and Pool of	or Exploratory Fruitland	d Coa	al
At surface M (SW	/SW) 1100' FSL &	1030' FV	WL								11.	Survey or A	, on Block and rea		
At top prod. l	Interval reported below										12.	County or Paris		N, R1	0W LOT 13 13. State
At total depth	1											San	Juan		New Mexico
14. Date Spudde	ed	15. D	Date T.D. Reache		16. I		ompleted	7/8/2			17.		, RKB, RT, GL)		
18. Total Depth:	9/26/1980		10/8/19	80 Plug Back	k T D ·	D	& A	X Read	-		Bride	e Plug Set:	6089'	GL	
7192'			17.		70'					20. Бериі	Dilag	e i iug sei.	TVD		
21. Type Electri	ic & Other Mechanical Lo	ogs Run (Sul	cBL	n)							DST		X No X No X No	Y	es (Submit analysis) es (Submit report) es (Submit copy)
23. Casing and I	Liner Record (Report all s	strings set in	well)							Dire	CHOH	ii Sui vey :	Α 100		ся (Зиони сору)
Hole Size	Size/Grade	Wt. (#/fi		ID)	Bottom (M	ID)	Stage Co Dep			o. of Sks. & pe of Ceme		Slurry Vol. (BBL)	Cement to	pp*	Amount Pulled
13 3/4" 9 7/8"	10 3/4", H-40 7 5/8", K-55	32.75 40	5		228' 4565'					135 517					
6 3/4"	5 1/2", K-55	15.5	4422	2'	7190'					265					
		<u> </u>													
Size 2 3/8"	Depth Set (MD)	Pac	cker Depth (MD))	Size	Dep	oth Set (MI	D) Pa	acker	Depth (MD))	Size	Depth Set (MD)	Packer Depth (MD)
25. Producing In	tervals					26.	Perforation								
A)	Formation Upper Fruitland C	oal	Top 2408'		Bottom 2489'		Per	forated Inte	erval			Size 0.34	No. Holes		Perf. Status Open
B)	Lower Fruitland C	oal	2534'		2557'			3 SPF				0.34	69		,
C) D)															
27. Acid, Fractu	re, Treatment, Cement So	queeze, etc.	<u> </u>	•						1.50	63.6			•	
	Depth Interval		FRAC AT 50	BPM W	// 70 Q N2	FOAN	Л. TOTAL			and Type			OTAL SLICKW	ATER	: 661 BBLS TOTAL L
Upper Fru	uitland Coal (2408	s' - 2489' <u>)</u>			•								6 LBS TOTAL		
Lower Fru	uitland Coal (2534	' - 2557')										_	LBS TOTAL N		: 601 BBLS TOTAL L I,000 SCF
28. Production -	Interval A														
Date First Produced	Test Date		Test Production	Oil BBL	Gas MCF	Wa BB		Oil Gravity Corr. API		Gas Gravity		Production 1	Method		
7/8/2023		4		0	34		0						Flo	owing	g
Choke Size	Tbg. Press. Flwg.		24 Hr. Rate	Oil BBL	Gas MCF	Wa BB		Gas/Oil Ratio		Well St	atus				
26/64"	SI 40	SI 60	—	0	204		0						Producin	n	
28a. Production		101 00			204		<u> </u>						1 TOUGHT	<u>ਬ</u>	
Date First Produced	Test Date		Test Production	Oil BBL	Gas MCF	Wa BB		Oil Gravity Corr. API		Gas Gravity		Production ?	Method		
Choke	Tbg. Press.	1 –	24 Hr.	Oil	Gas			Gas/Oil		Well Sta	atus				
Size	Flwg.	Press.	Rate	BBL	MCF	BB	BL R	Ratio							

SI

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

Keceivea	t by OCL): 7/20/2023	5:40:09 AM							Page 9 of 12
28b. Producti	tion - Interva	al C								
Date First Produced	Test Da	te Hour Teste		Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Pr Flwg. SI	ess. Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	·	
28c. Producti	ion - Interva	al D						<u> </u>		
Date First Produced	Test Da	te Hour Teste		Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Pr Flwg. SI	ess. Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
29. Disposition	ion of Gas (Sold, used for fu	el, vented, etc.)	l		sc	OLD			
	depth interv		nd contents thereof n used, time tool op							
_		_	_							Тор
Format	ition	Top	Bottom		Descrip	tions, Conte	ents, etc.		Name	Meas. Depth
Ojo Ala Kirlta		1158 1269	1269 2106			White, cr-gr s	s gry, fine-gr ss.		Ojo Alamo Kirtland	1158 1269
Fruitla Pictured Cliff Ho	l Cliffs	2106 2569 4117	2569 4117 4883	Dk gry-gry		ry, fine grn, ti	-		Fruitland Pictured Cliffs Cliff House	2106 2569 4117
Point Lo	ookout	4883	6168			of formation	ent sh breaks in lower part		Point Lookout	4883
Gallu Greenh	•	6168 6819	6819 6888	Li. gry to bi	ir	reg. interbed s alc gry sh w/t			Gallup Greenhorn	6168 6819
Grane Dako		6888 6934	6934 7236'	Lt to dark	gry foss carb		w/ pyrite incl. ss w/ pyrite incl thin sh oreaks		Graneros Dakota	6888 6934
Morris		include plugging	1	Interb	ed grn, brn &	red waxy sh &	t fine to coard grn ss		Morrison	0

This well is now producing as a FC/MV/DK Trimingle ubder DHC 5294

FC# NMNM 122081

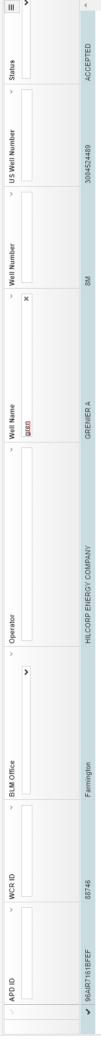
33. Indicate which items have been attached by placing a check in	n the appropriate boxes:			
X Electrical/Mechanical Logs (1 full set req'd.)	Geologic Report	DST Report	Directional Survey	
Sundry Notice for plugging and cement verification	Core Analysis	Other:		
34. I hereby certify that the foregoing and attached information is	complete and correct as determined from	om all available records (see attacl	hed instructions)*	
Name (please print) Amand	a Walker 1	Title Operations	s/Regulatory Technician - Sr.	_
Signature AWakki	I	Date	7/19/2023	_

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.

Released to Imaging: 7/27/2023 3:15:09 PM

(Continued on page 3)

Additional remarks (include plugging procedure):



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

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

Action 242414

ACKNOWLEDGMENTS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	242414
	Action Type:
	[C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

V	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.

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 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 242414

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	242414
	Action Type:
	[C-104] Completion Packet (C-104C)

CONDITIONS

Crea	ated By		Condition Date
sn	ncgrath	None	7/27/2023