Received by OCD: 5/23/2023 5:46:08 AM U.S. Department of the Interior		Sundry Print Report 01/23/2023
BUREAU OF LAND MANAGEMENT		200-0-200
Well Name: GRENIER A	Well Location: T30N / R10W / SEC 34 / NWNW / 36.77289 / -107.87695	County or Parish/State: SAN JUAN / NM
Well Number: 3M	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077282	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004525833	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Notice of Intent

Sundry ID: 2711820

Type of Submission: Notice of Intent

Date Sundry Submitted: 01/20/2023

Date proposed operation will begin: 02/09/2023

Type of Action: Recompletion Time Sundry Submitted: 08:35

Procedure Description: Hilcorp Energy Company requests permission to recomplete the subject well in the Fruitland Coal and downhole commingle with the existing Mesaverde. Please see the attached procedure, current and proposed wellbore diagram, plat and natural gas management plan. A closed loop system will be used. A pre-reclamation onsite is not required as the surface is FEE.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Grenier_A_3M_RC_NOI_20230120083509.pdf

Received by OCD: 1/23/2023 5:46:08 AM Well Name: GRENIER A	Well Location: T30N / R10W / SEC 34 / NWNW / 36.77289 / -107.87695	County or Parish/State: SAN
Well Number: 3M	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077282	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004525833	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Operator

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

Operator Electronic Signature: AMANDA WALKER

Signed on: JAN 20, 2023 08:35 AM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Technician

Street Address: 1111 TRAVIS ST.

City: HOUSTON

State: TX

State:

Phone: (346) 237-2177

Email address: mwalker@hilcorp.com

Field

Representative Name: Street Address: City: Phone: Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK BLM POC Phone: 5055647742 Disposition: Approved Signature: Kenneth Rennick BLM POC Title: Petroleum Engineer BLM POC Email Address: krennick@blm.gov

Zip:

Disposition Date: 01/20/2023

.



HILCORP ENERGY COMPANY GRENIER A 3M FRUITLAND COAL RECOMPLETE SUNDRY API 3004525833

JOB PROCEDURES

	JOB PROCEDURES
1.	MIRU workover rig and associated equipment; NU and test BOP.
2.	TOOH with tubing.
3.	Set a plug within 50' of the top Mesaverde perforation (4,226') for zonal isolation.
4.	Load hole with fluid. RU WL and run CBL to verify TOC. Review results with operations engineer and regulatory agencies.
5.	Perform MIT on casing with NMOCD witness (notify NMOCD 24+ hours before test) and submit results to regulatory group.
6.	If frac'ing down casing: pressure test casing to frac pressure.
7.	RU WL. Perforate the Fruitland Coal. Top perforation @ 2,115', bottom perforation @ 2,529'.
8.	If frac'ing down frac string: RIH w/ frac string and packer. Set packer within 50' of top perforation.
9.	ND BOP, NU frac stack. Pressure test frac stack to frac pressure. Pressure test frac string (if applicable) to frac pressure. RDMO.
10.	RU stimulation crew. Frac the Fruitland Coal in one or more stages. Set plugs in between stages, if necessary.
11.	Flowback the well.
12.	MIRU workover rig and associated equipment; NU and test BOP.
13.	If frac was performed down frac string: POOH w/ frac string and packer.
14.	TIH with mill and clean out to isolation plug.
15.	Pending C107A approval, mill out isolation plug. Cleanout to PBTD. TOOH with cleanout assembly.
16.	TIH and land production tubing. Return well to production.

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HILCORP ENERGY COMPANY GRENIER A 3M FRUITLAND COAL RECOMPLETE SUNDRY

045258 0045258		Surface Legal Location 034-030N-010W-D Original KB/RT Elevation (ft)	Field Name BSN DK(PRO GAS)	#0068 Ind Distance (ft)	Route 0306 KB-Casing Flange DI	State/Province NEW ME>	(ICO K5-Tubing Hange	Well Configuration Type
049.00		6,062.50	13.50			(i)		
MD	TVD		Oi	iginal Hole				
ftKB)	(ftKB)			Vertical scher	natic (actual)	Surface C	asing Cemen	t, Casing, 1/3/1984 84-01-03; 155 sacks of
241.1 242.1 245.12		CLIFF HOUSE (CLIFF HOU POINT LOOKOUT (POINT MANCOS (MANCOS (final) GREENHORN (GREENHO GRAUEROS (GRAUEROS 2 3/8in, Tubing 20 3/8 2 3/8in, Tubing 2 3/8 2 3/8in, Sating Nipple, 2 2 3/8in, Sating Nipple, 2 3/8in, S	(final)) RED CLIFF 70 Ib/ft, J-55; 13.50 RK(8; 6,393.95 ft/KB JSE (final)) LOOKOUT (fi 1) RN (final)) RN (final) RN (final) RN (final)) RN (final) RN (final			1: Surface -13.51 ft% 14'; 242.0' Production 505 sacks of C 505 sacks -4,220.00; B: TOC @ Squeeze, -4,280.00; B: TOC @ Squeeze, -4,383.00; B: TOC @ Squeeze, -4,483.00; B: TOC @ B: TOC	Adjusted for firkB m Casing Cer. 00-2,858,00,0-2,858,00,0-2,858,00,0-2,858,00,0-2,858,00,0-2,858,00,0-2,858,00,0-2,858,00,0-2,858,00,0-2,858,00,0-2,858,00,0-2,858,00,0-2,858,00,0-2,858,00,0-4,853 Squeeze, 2/11 1984,02-10,228,00,0-2,858,00,0-2,858,00,0-2,858,00,0-4,853 Squeeze, 2/11 1984,02-10,228,00,0-4,853 Squeeze, 2/11 1984,02-10,258,00,0-2,858,00,0-2,858,00,0-4,928,00,0-2,858,00,0-2,928,00,00,00,00,00,00,00,00,00,00,00,00,00	10 3/4 in; 10.06 in; 13.5 KB from original ment Casing, 1/20/1984 1984-01-20; Stage #3; 1984-01-20; Stage #3; 1984-01-20; Stage #3; 1984-00:35; Sacks of Cl. L 1984-00:35; Sacks of Cl. 200; 1984-00:20; 4,220:00 00:01; 30 sacks of Cl. 21/77/1984-00:00; 4,220:00 00:01; 30 sacks of Cl. 21/77/1984-00:00; 4,280:00 00:01; 804-00:20; 4,280:00 00:01; 75 sacks of Cl. 8; TOC @ 7/1984-00:00; 4,830:00 00:01; 75 sacks of Cl. B; TOC @ 7/1984-00:01; 4,680:00 00:01; 75 sacks of Cl. B; TOC @ 7/1984-00:01; 4,680:00 00:05 Poz.oflowed by @ 5620; (by 75% calc); 0:05 Poz.oflowed by @ 6143(; by 75% calc); 0:00; 1984-02-08 5/26/1994-00:00 8.00; 1994-05-28
7,151.9 7,154.9 7,169.9 7,185.0 7,185.0 7,186.0 7,190.0 7,192.6		1 1/2 in, Fish, 7,155.0, 4 3/4 in, Bridge Plug - Pi 7,186.0;	7,185.00			(Dakota); Plug Back 7,193.48; 7140. IN 1 2; Product 13.40 ftKB	7,170.00-7,18 , Plug, 1/20/1 1984-01-20 00 994 CO to 71 ion, 7,193.48 ; 7,193.48 ftK	ftKB; 5 1/2 in; 4.89 in;
7,193.6							984-01-20 00	

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HILCORP ENERGY COMPANY GRENIER A 3M FRUITLAND COAL RECOMPLETE SUNDRY

Deb 0.0 6.562:50 13:50 Original Hole Vertical schematic (actual) 11:30 Fullback Softer Cating Commit Cating 1/20182 (proto 1/2022); 194.41:03:155 acts of 0.155 acts of 0.15	004525833	Surface Legal Location 034-030N-010W-D	Field Name BSN DK(PRO GAS)	#0068	Route 0306	State/Province NEW MEX		Well Configuration Type
Mice Vertical schematic (actual) Vertical schemati	ound Elevation (ft) 049.00	Original KB/RT Elevation (ft) 6,062.50			KB-Casing Flange	Distance (ft)	KB-Tubing Hange	r Distance (ft)
Integy Vertical schematic (actual) 11 Surface Casing Cas			0	riginal Hole				
113 Fruitland Coal C00 00: 120-242 01; 1984-01-03; 165 sacks of Ci. 241 C1 E-Troubiad 3 bits is suffice 241 C1 C3 E-Troubiad 3 bits is suffice 241 C1 E-Troubiad 3 bits is suffice E-Troubiad 3 bits is suffice 242 C1 E-Troubiad 3 bits is suffice E-Troubiad 3 bits is suffice 242 C1 E-Troubiad 3 bits is suffice E-Troubiad 3 bits is suffice 242 C1 E-Troubiad 3 bits is suffice E-Troubiad 3 bits is suffice 243 E-Troubiad 3 bits is suffice E-Troubiad 3 bits is suffice E-Troubiad 3 bits is suffice 243 E-Troubiad 3 bits is suffice E-Troubiad 3 bits is suffice E-Troubiad 3 bits is suffice 243 E-Troubiad 3 bits is suffice E-Troubiad 3 bits is suffice E-Troubiad 3 bits is suffice				Vertical scher	natic (actual)			
Printland Coal Fruitland Coal 211 Cl. E. Circuitate 3 biols to surface 212 Surface, 322 (Strifts) T0 34 (in 10.66 (in, 11.56 (Strifts) T0 34 (in, 10.66 (in, 11.56 (Strifts) T0 34 (Strifts) T1 34 (Strifts)		_		888	888	Surface C	asing Cemer	t, Casing, 1/3/1984
PICTURED CLIFF (PICTURED CLIFF Supersolution 23889 PICTURED CLIFF (PICTURED CLIFF Supersolution 23889 Supersolution Supersolution 23889 PICTURED CLIFF (PICTURED CLIFF Supersolution 2389 PICTURED CLIFF (PICTURED CLIFF Supersolution 2381 PICTURED CLIFF (PICURED CLIFF Supersolution 2381 PICTURED CLIFF (PICURED CLIFF Supersolution 2381 PICTURED CLIFF (PICURED CLIFF Supersolution </td <td>241.1</td> <td>OJO ALAMO (OJO ALAM</td> <td>D (final))</td> <td></td> <td></td> <td>1; Surface 13.51 ftKB 14'; 242.0 Productio 00:00; 922</td> <td>, 242.01ftKB; ; Adjusted fo 1 ftKB n Casing Ce !.00-2,858.00</td> <td>10 3/4 in; 10.05 in; r 13.5'KB from original ment, Casing, 1/20/1984 ; 1984-01-20; Stage #3;</td>	241.1	OJO ALAMO (OJO ALAM	D (final))			1; Surface 13.51 ftKB 14'; 242.0 Productio 00:00; 922	, 242.01ftKB; ; Adjusted fo 1 ftKB n Casing Ce !.00-2,858.00	10 3/4 in; 10.05 in; r 13.5'KB from original ment, Casing, 1/20/1984 ; 1984-01-20; Stage #3;
1223 B: TOC @ 4220 1223 B: TOC @ 4220 1223 Construction of the second of the sec	2,529.9 2,857.9 2,858.3 2,860.9 3,756.9	PICTURED CLIFFS (PICT	URED CLIFF 70 Ib/ft; J-55; 13.50 ftKB; 6,939.95 ftKB			sacks of (Squeeze, -4,220.00; B; TOC @ Squeeze	Cl. B; TOC @ Squeeze, 2/1 1984-02-15 (3757 per CE Squeeze, 2/1	922' (by 75% calc) 5/1984 00:03; 3,757.00 00:03; 35 sacks of Cl. 3L 4/1984 00:02: 4 220.00
1446 Squeeze, Squeeze, 21/14/194400.00, 4,438.00 1455 Squeeze, Squeeze, 21/14/194400.00, 4,438.00 1455 Squeeze, Squeeze, 21/14/194400.00, 4,438.00 1455 Squeeze, Squeeze, 21/14/196400.00, 4,438.00 1455 Squeeze, Squeeze, 21/16/1844.00 1455 Squeeze, 21/16/1844.00 1455 Squeeze, 21/16/1844.00 1455 Squeeze, 21/16/1844.00 1456 Squeeze, 21/16/184.00 1456 Squeeze, 21/16/1844.00 1456 Squeeze, 21/16/1844.00 1456 Squeeze, 21/16/1844.00 1456 Squeeze, 21/16/1844.00 1457 Squeeze, 21/16/1844.00 1458 Squeeze, 21/16/1844.00	4,082.0	CLIFF HOUSE (CLIFF HO	USE (final))			B; TOC @ Squeeze, -4,438.00; B; TOC @ 4,226.0-4,	2 4220' Squeeze, 2/1 1984-02-14 (2 4283' 633.0ftKB on	4/1984 00:01; 4,283.00 00:01; 30 sacks of Cl. 2/17/1984 00:00 (Cliff)
18919	4,548.9 4,632.9 4,683.1					Squeeze, -4,549.00; @ 4438'	Squeeze, 2/1 1984-02-14;	4/1984 00:00; 4,438.00 55 sacks of Cl. B; TOC
2486 4,902.00, 1984-02-10, 75 sacks of Cl. B; didn't 1387 6ALLUP (GALLUP (inall) GREENHORN (GREENHORN (finall) 483.0-4,902.00; 1984-02-10, 75 sacks of Cl. B; TOC @ 1389 6REENHORN (GREENHORN (finall) CRALEPS (GRALERS) (finall) Production Casing Cement. Casing, 120/1984 1389 2 Join, Tubing; 2 Join; 4 /0 lb/t; J-55 1389 2 Join, Tubing; 2 Join; 4 /0 lb/t; J-55 1389 2 Join, Tubing; 2 Join; 4 /0 lb/t; J-55 1389 2 Join, Tubing; 2 Join; 4 /0 lb/t; J-55 1389 2 Join, Tubing; 2 Join; 4 /0 lb/t; J-55 1389 2 Join, Seating Nipple; 2 Join; 4 /0 lb/t; J-55 1389 2 Join, Seating Nipple; 2 Join; 4 /0 lb/t; J-55 1389 2 Join, Seating Nipple; 2 Join; 4 /0 lb/t; J-55 1389 2 Join, Seating Nipple; 2 Join; 4 /0 lb/t; J-55 1389 2 Join, Seating Nipple; 2 Join; 4 /0 lb/t; J-55 1380 55, 7.004.52 ft/kB; 7.005 62 ft/kB 1380 7,066.0; 7,040 Oft/B 00.00 141 160 sacks of Cl. B; TOC. @ 142 170.05, 7,185.00; 7,185.00; 7,185.00; 144 1160 sacks of Cl. B; TOC. @ 145 11/2 ln, Fish, 7,155.00; 7,185.00; 140	4,901.9 5,053.1 5,220.1 5,256.9					-4,683.00; B; didn't t Resqueez 4549'	1984-02-10 (ake ed with 50 sa	00:01; 75 sacks of Cl. icks of Cl. B; TOC @
1480 GREENHORN (GREENHORN (final)) GBAUEROS (GRANEROS (final)) GRAVEROS (GRANEROS (final)) 1580 GRAVEROS (final) 1580 GRAVEROS (GRANEROS (final)) 1580 GRAVEROS (GRANEROS (final)) 1580 GRAVEROS (GRANEROS (GRANEROS (Final)) 1580 GRAVEROS (GRANEROS (Final)) 1580 Tobol (Final) 1580 Tobol (Final) <td>5,285.8</td> <td></td> <td></td> <td></td> <td></td> <td>-4,902.00; take Resqueez 4683'</td> <td>1984-02-10; ed with 50 sa</td> <td>75 sacks of Cl. B; didn't icks of Cl. B; TOC @</td>	5,285.8					-4,902.00; take Resqueez 4683'	1984-02-10; ed with 50 sa	75 sacks of Cl. B; didn't icks of Cl. B; TOC @
1380 Production Casing Cement. Casing 1/20/198 1381 Production Casing Cement. Casing 1/20/198 1381 Production Casing Cement. Casing 1/20/198 1382 Production Casing Cement. Casing 1/20/198 1383 Production Casing Cement. Casing 1/20/198 1384 Production Casing Cement. Casing 1/20/198 1385 P	5,143.0	GREENHORN (GREENH GRANEROS (GRANERO) 2 3/8in, Tubing Sub: 2 3/	DRN (final)) S(final)) 8 in: 4.70 lb/ft: J-55:			Verde); 4, Productio 00:00; 5,2 #2: 410 sa	683.00-4,902 n Casing Ce 20.00-5,286.0 .cks of Cl. B 8	00; 1984-02-13 ment, Casing, 1/20/1984 0; 1984-01-20; Stage 50/50 Poz followed by
10055 7.005.62 ftkB; 7.006.02 ftkB; (Dakota); 6,888.00-7,040.00; 1984-02-08 10227 13.5 13.5 (Dakota); 6,888.00-7,040.00; 1984-02-08 10227 13.5 13.5 (Dakota); 6,888.00-7,040.00; 1984-02-08 10240 F344 in, Bridge Plug - Permanent, 7,065.0 7,066.0; 7,065.00-7,066.00; Due to water production (Dakota); 7,106.00-7,118.00; 1994-05-26 1188 11/2 in, Fish, 7,165.0, 7,185.0; 7,165.00 (Dakota); 7,106.00-7,118.00; 1994-05-26 1189 11/2 in, Fish, 7,165.0, 7,185.00; 7,165.00 (Dakota); 7,100-7,185.00; 1994-05-20 1189 11/2 in, Fish, 7,165.0, 7,186.00 7,186.0; 7,186.00 7,180.0; 7,185.00; 7,185.00; 7,185.00; 7,185.00 (Dakota); 7,100-7,185.00; 1994-05-20 11994 CO to 7100 7,180.0; 7,185.00; 7,185.00; 7,185.00; 7,185.00; 7,190.00 7,180.0; 7,185.00; 7,185.00; 7,185.00; 7,185.00; 7,185.00; 7,190.00 (7,193.48; 1984-01-20.00; 10; orignal was @) 1180 7,180.0; 7,185.00; 7,186.00 7,180.0; 7,193.48; 10,20; 17,193.48; 7,193.48 Htb 1182 7,180.0; 7,184.00; 7,193.48; 7,193.48 Htb 11,20; 193.48 Htb	6,940.0	2 3/8in, Tubing; 2 3/ 6,942.07 2 3/8in, Seating Nipple; 2 55; 7,004.52	8 in; 4.70 lb/ft; J-55; ftKB; 7,004.52 ftKB 2 3/8 in; 4.70 lb/ft; J- ftKB; 7,005.62 ftKB			Productio 00:00; 6,1 #1: 160 sa 50 sacks	n Casing Ce 43.00-7,193.5 cks of Cl. B 5 of Cl. B; TOC	ment, Casing, 1/20/1984 0; 1984-01-20; Stage 0/50 Poz followed by @ 6143' (by 75% calc)
1085 7,066.0; 7,065.00-7,065.00; Due to water production. 1181 1000 1181 (Dakota); 7,105.00-7,118.00; 1994-05-26 1183 (Dakota); 7,106.00-7,118.00; 1994-05-26 1184 (Dakota); 7,100.0-7,118.00; 1994-05-26 1184 (Dakota); 7,100.0-7,118.00; 1994-05-20 1185 (Dakota); 7,100.0-7,118.00; 1994-05-20 1186.0 7,186.0; 7,185.0; 7,185.00 1186.0 7,193.48; 1984-01-20 00.01; original was @ 7,198.0; 7,185.00-7,186.00 2; Production, 7,193.48; KB4.01-20 00.01; original was @ 1180 7,186.0; 7,185.00-7,186.00 2; Production, 7,193.48; KB4.01-20 00.01; original was @ 1180 7,186.0; 7,185.00-7,186.00 2; Production, 7,193.48; KB4.01-20 00.01; original was @ 1180 7,186.0; 7,185.00-7,186.00 2; Production, 7,193.48; KB4.01-20 00.01; original was @ 1180 7,186.0; 7,185.00-7,186.00 2; Production, 7,193.48; KB4.01-20 00.01; 7,193.48; TISA.48;	7,005.9	7,005.62 <typ> (PBTD); 7,042.50 4 3/4 in, Bridge Plug - F</typ>	ftKB; 7,006.02 ftKB Adjusted for KB of 13.5 Permanent, 7,065.0,		* †			
1:4:49 [1/2 in, Fish, 7, 165.0, 7, 185.00, 7, 185.00, 7, 185.00, 7, 185.00, 7, 185.00, 7, 185.00, 7, 185.00, 7, 185.00, 7, 185.00, 7, 185.00, 7, 185.00, 7, 185.00, 7, 195.00, 7, 193.48; 1984-01-20 00.01; original was @ 1:8:0 # 3/4 in, Bridge Plug - Permanent, 7, 185.00, 7, 185.00, 7, 185.00, 7, 185.00, 7, 185.00, 7, 185.00, 7, 185.00, 7, 185.00, 7, 185.00, 7, 193.48; 1984-01-20 00.01; original was @ 1:800 7, 186.0; 7, 185.00, 7, 186.00, 7, 186.00, 7, 186.00, 7, 193.48; 1934-01-20 00.01; original was @ 1:800 7, 186.0; 7, 185.00, 7, 186.00, 7, 186.00, 7, 193.48; 1934-01-20 00.01; original was @ 1:800 7, 186.0; 7, 185.00, 7, 186.00, 7, 186.00, 7, 193.48; 1934-01-20 00.01; original was @ 1:800 7, 186.0; 7, 185.00, 7, 186.00, 7, 186.00, 7, 193.48; 1934-01-20 00.01; original was @ 1:800 7, 186.0; 7, 185.00, 7, 186.00, 7, 186.00, 7, 193.48; 1934-01-20 00.01; original was @ 1:800 7, 186.0; 7, 185.00, 7, 186.00, 7, 186.00, 7, 193.48; 1934-01-20 00.01; 0, 193	7,065.9	7,066.0; 7,065.00-7,0	66.00; Due to water			(Dakota);	7,106.00-7,1	8.00; 1994-05-26
/ 22, Production, 7, 193.48ht/85, 51/2 in; 4.89 in; /134.0 ftk8; 7, 193.48 ht/85, 7103.48 ht/8 / Plug Back, Plug, 1/20/1984 00:01; 7, 193.48- 7, 200.00, 1984-01-200.001	7,151.9 7,154.9 7,169.9 7,185.0 7,185.0	4 3/4 in, Bridge Plug - F	Permanent, 7,185.0,			(Dakota); Plug Back 7,193.48; 7140. IN 1	7,170.00-7,18 , Plug, 1/20/1 1984-01-20 0 994 CO to 71	35.00; 1994-05-20 984 00:01; 7,190.00- 0:01; orignal was @ 90
	7,190.0		· · · · · · · · · · · · · · · · · · ·			2; Produc 13.40 ftKB	tion, 7,193.48 ; 7,193.48 ftK ; Plug, 1/20/	BftKB; 5 1/2 in; 4.89 in; B 984 00:01; 7,193.48-

Received by OCD: 1/23/2023 5:46:08 AM

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

UL - Lot

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool Name
30-045-25833	71629	BASIN FRUITLAND COAL (GAS)
4. Property Code	5. Property Name	6. Well No.
318536	GRENIER A	003M
7. OGRID No.	8. Operator Name	9. Elevation
372171	HILCORP ENERGY COMPANY	6049

10. Surface Location

	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	34	30N	10W		1110	N	930	W	SAN JUAN

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	
12. Dedicated A 318		I	13. Joint or Infill		14. Consolidatio	n Code	L	15. Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. E-Signed By: Hubble Title: Operations Regulatory Tech Sr. Date: 1/19/2023 Date: 1/19/2023
SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Surveyed By: Fred B Kerr Jr
Date of Survey: 8/24/1983 Certificate Number: 3950

Permit 332811

R	e	ceive	ed I	by	0	CI):	1/	23/	20	23	5.	:4	6:(98	A
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 \boldsymbol{M}

Submit Electronically

Via E-permitting

State of New Mexico Energy, Minerals and Natural Resources Department

> **Oil Conservation Division** 1220 South St. Francis Dr. Santa Fe, NM 87505

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description Effective May 25, 2021

I. Operator: <u>Hilcorp Energy Company</u>

OGRID: <u>372171</u> **Date:** <u>1/20/2023</u>

II. Type: \square Original \square Amendment due to \square 19.15.27.9.D(6)(a) NMAC \square 19.15.27.9.D(6)(b) NMAC \square Other.

If Other, please describe:

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Grenier A 3M	30-045-25833	D-34-30N-10W	1110 FNL & 930 FWL	0.25	150	1

IV. Central Delivery Point Name: Kutz Gas Plant [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Grenier A 3M	Grenier A 3M <u>30-045-25833</u>					<u>2023</u>

VI. Separation Equipment: Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices:
Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

 \boxtimes Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. \Box Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system \Box will \Box will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator \Box does \Box does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

 \Box Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: \Box Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

 \square Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

 \Box Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. *If Operator checks this box, Operator will select one of the following:*

Well Shut-In. \Box Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. \Box Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- (a) power generation on lease;
- (b) power generation for grid;
- (c) compression on lease;
- (d) liquids removal on lease;
- (e) reinjection for underground storage;
- (f) reinjection for temporary storage;
- (g) reinjection for enhanced oil recovery;
- (**h**) fuel cell production; and
- (i) other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:
Printed Name: Amanda Walker
Title: Operations Regulatory Tech Sr.
E-mail Address: <u>mwalker@hilcorp.com</u>
Date: 1/20/2023
Phone: 346-237-2177
OIL CONSERVATION DIVISION
(Only applicable when submitted as a standalone form)
Approved By:
Approved By: Title:
Title:
Title: Approval Date:
Title: Approval Date:
Title: Approval Date:

VI. Separation Equipment:

Hilcorp Energy Company (HEC or Operator) production facilities include separation equipment designed to efficiently separate gas from liquid phases to optimize gas capture based on projected and estimated volumes from the targeted pool of our recomplete project. HEC will utilize flowback separation equipment and production separation equipment designed and built to industry specifications after the recomplete to optimize gas capture and send gas to sales or flare based on analytical composition. HEC operates facilities that are typically one-well facilities. Production separation equipment is upgraded prior to well being completed, if determined to be undersized or inadequate. This equipment is already on-site and tied into our sales gas lines prior to the recomplete operations.

VII. Operational Practices:

- 1. Subsection (A) Venting and Flaring of Natural Gas
 - HEC understands the requirements of NMAC 19.15.27.8 which outlines that the venting and flaring of natural gas during drilling, completion or production operations that constitutes waste as defined in 19.15.2 are prohibited.
- 2. Subsection (B) Venting and Flaring during drilling operations
 - This gas capture plan isn't for a well being drilled.
- 3. Subsection (C) Venting and flaring during completion or recompletion
 - Flowlines will be routed for flowback fluids into a completion or storage tank and if feasible under well conditions, flare rather than vent and commence operation of a separator as soon as it is technically feasible for a separator to function.
 - At any point in the well life (completion, production, inactive) an audio, visual and olfactory inspection be performed at prescribed intervals (weekly or monthly) pursuant to Subsection D of 19.15.27.8 NMAC, to confirm that all production equipment is operating properly and there are no leaks or releases.
- 4. Subsection (D) Venting and flaring during production operations
 - At any point in the well life (completion, production, inactive) an audio, visual and olfactory inspection be performed at prescribed intervals (weekly or monthly) pursuant to Subsection D of 19.15.27.8 NMAC, to confirm that all production equipment is operating properly and there are no leaks or releases.
 - Monitor manual liquid unloading for wells on-site or in close proximity (<30 minutes' drive time), take reasonable actions to achieve a stabilized rate and pressure at the earliest practical time, and take reasonable actions to minimize venting to the maximum extent practicable.
 - HEC will not vent or flare except during the approved activities listed in NMAC 19.15.27.8 (D) 1 4.
- 5. Subsection (E) Performance standards
 - All tanks and separation equipment are designed for maximum throughput and pressure to minimize waste.
 - If a flare is utilized during production operations it will have a continuous pilot and is located more than 100 feet from any known well or storage tanks.
 - At any point in the well life (completion, production, inactive) an audio, visual and olfactory inspection be performed at prescribed intervals (weekly or monthly) pursuant to Subsection D of 19.15.27.8 NMAC, to confirm that all production equipment is operating properly and there are no leaks or releases.

- 6. Subsection (F) Measurement or estimation of vented and flared natural gas
 - Measurement equipment is installed to measure the volume of natural gas flared from process piping.
 - When measurement isn't practicable, estimation of vented and flared natural gas will be completed as noted in 19.15.27.8 (F) 5-6.

VIII. Best Management Practices:

- 1. Operator has adequate storage and takeaway capacity for wells it chooses to recomplete as the flowlines at the sites are already in place and tied into a gathering system.
- 2. Operator will flare rather than vent vessel blowdown gas when technically feasible during active and/or planned maintenance to equipment on-site.
- 3. Operator combusts natural gas that would otherwise be vented or flared, when technically feasible.
- 4. Operator will shut in wells in the event of a takeaway disruption, emergency situation, or other operations where venting or flaring may occur due to equipment failures.

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

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	178291
	Action Type:
	[C-103] NOI Recompletion (C-103E)

CONDITIONS

CONDITIONS		
Created By	Condition	Condition Date
kpickford	DHC for trimmingle required	1/25/2023
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	1/25/2023

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