Cerved by OCD: 2/20/2023 11:37:01 AM U.S. Department of the Interior BUREAU OF LAND MANAGEMENT		Sundry Print Repor
Well Name: SAN JUAN 28-5 UNIT	Well Location: T28N / R5W / SEC 11 / SWSW / 36.671722 / -107.334702	<b>County or Parish/State:</b> RIO ARRIBA / NM
Well Number: 96E	<b>Type of Well:</b> CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079250	<b>Unit or CA Name:</b> SAN JUAN 28-5 UNITDK	Unit or CA Number: NMNM78411B
US Well Number: 3003923864	Well Status: Producing Gas Well	<b>Operator:</b> HILCORP ENERGY COMPANY

## **Notice of Intent**

Sundry ID: 2726628

1400

Type of Submission: Notice of Intent

Date Sundry Submitted: 04/19/2023

Date proposed operation will begin: 05/03/2023

Type of Action: Recompletion Time Sundry Submitted: 12:29

**Procedure Description:** Hilcorp Energy Company requests permission to recomplete the subject well in the Mesaverde and downhole commingle with the existing Dakota. 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 site visit was held on 4/11/2023 with Roger Herrera/BLM. The reclamation plan is attached.

**Surface Disturbance** 

Is any additional surface disturbance proposed?: No

**NOI Attachments** 

**Procedure Description** 

San\_Juan\_28\_5\_96E\_NOI\_Procedure\_20230419122805.pdf

**DHC** required

Notify NMOCD 24 Hours Prior to beginning operations

Dean R Mollure

05/19/2023

Received by OCD: 4/20/2023 11:37:01 AM Well Name: SAN JUAN 28-5 UNIT	Well Location: T28N / R5W / SEC 11 / SWSW / 36.671722 / -107.334702	County or Parish/State: Rice 2 of 14 ARRIBA / NM
Well Number: 96E	<b>Type of Well:</b> CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079250	<b>Unit or CA Name:</b> SAN JUAN 28-5 UNITDK	Unit or CA Number: NMNM78411B
<b>US Well Number:</b> 3003923864	Well Status: Producing Gas Well	<b>Operator:</b> 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: KANDIS ROLAND** 

Name: HILCORP ENERGY COMPANY

Title: Operation Regulatory Tech

Street Address: 382 Road 3100

City: Farmington

State: NM

State:

Phone: (505) 599-3400

Email address: kroland@hilcorp.com

## **Field**

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

**BLM Point of Contact** 

BLM POC Name: MATTHEW H KADE BLM POC Phone: 5055647736 Disposition: Approved Signature: Matthew Kade BLM POC Title: Petroleum Engineer BLM POC Email Address: MKADE@BLM.GOV Disposition Date: 04/20/2023

Zip:

Signed on: APR 19, 2023 12:28 PM

Released to Imaging: 5/19/2023 3:33:54 PM



#### HILCORP ENERGY COMPANY SAN JUAN 28-5 UNIT 96E MESA VERDE RECOMPLETION SUNDRY

	JOB PROCEDURES
1.	MIRU service rig and associated equipment; test BOP.
2.	TOOH with 2-3/8" tubing set at 8,259'.
3.	Set a 4-1/2" plug at +/- 8,185' to isolate the Dakota.
4.	RU Wireline. Run CBL. Record Top of Cement.
5.	Load the hole and pressure test the casing.
6.	N/D BOP, N/U frac stack and pressure test frac stack.
7.	Perforate and frac the Mesa Verde formation (Top Perforation @ 5,524'; Bottom Perforation @ 6,510').
8	Isolate frac stages with a plug.
9.	Nipple down frac stack, nipple up BOP and test.
10.	TIH with a mill and drill out top isolation plug and Mesa Verde frac plugs.
11.	Clean out to Dakota isolation plug.
12.	Drill out Dakota isolation plug and cleanout to PBTD of 8,300'. TOOH.
13.	TIH and land production tubing. Get a commingled Dakota/Mesa Verde flow rate.



#### HILCORP ENERGY COMPANY SAN JUAN 28-5 UNIT 96E MESA VERDE RECOMPLETION SUNDRY

6974.00      IS 886.00      It 200        Original Hole [VERTICAL]        Original Hole [VER	API/UWI 3003923864	Surface Legal Location 011-028N-005W-L	Field Name BSN DK(PRO GAS)	#0068	Route 1308	State/Province NEW MEXICO	Well Configuration Type VERTICAL
MC0      (WC0)      Vertical schematic (actual)        Stringt Casting Commit Casting TOTIVI1985      Stringt Casting Commit Casting TOTIVI1985        11      Stringt Casting Commit Casting TOTIVI1985        121      Stringt Casting Commit Casting TOTIVI1985        123      Stringt Casting Commit Casting TOTIVI1985        123      Stringt Casting Commit Casting TOTIVI1985        123      Stringt Casting Commit Casting Totivings        123      FRUTLAND (RRLITLAND (finall))        124      FRUTLAND (RRLITLAND (finall))        125      Stringt Casting Commit Casting Totivings        126      Stringt Castingt Castingt Cammit Casting Totivings        127      Stringt Castingt Cammit Casting Totivings        128      FRUTLAND (RRLITLAND (finall))        129      FUTURED CLIFFS (FOLUPER CLIFF        120      FRUTLAND (RRLITLAND (finall))        120      FRUTLAND (RRLITLAND (finall))        120      FRUTLAND (RRLITLAND (finall))	Ground Elevation (11) 6,974.00				KB-Casing Flange D	Istance (ft) KB-Tubing H	anger Distance (ft)
(INCB)      Vertical schematic (strual)        11      Strifter Casing Cameric Casing Tommities        12      Strifter Casing Cameric Casing Tommities        13      Strifter Casing Cameric Casing Tommities        14      Strifter Casing Cameric Casing Tommities        15      Strifter Casing Cameric Casing Tommities        15      Strifter Casing Cameric Casing Casing Cameric Casing Cameric Casing Cameric Casing Cameric Casi			Original	Hole [VERTI	CAL]		
11      Door, 12, 20, 360, 10; 1985, 10-11; CEMENT W        100      XXX CLASS PL 144, XX CEL-YAKE & SUBJECTANE				Vertical schema	tic (actual)		
443      200        501      200        502      355        503      200        1999      200        1999      200        1999      200        1999      200        1999      200        1999      200        1999      200        1999      200        1999      200        1990      200        1990      200        1990      200        1990      200        1990      200        1990      200        1990      1990        1990      1990        1990      1990        1990      1990        1990      1990        1990      1990        1990      1990        1990      1990        1990      1990        1990      1990        1990      1990        1990      1990        1990      1990        1990      1990 <td>12.1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	12.1						
363.1      300        3000      USALAMO (OJO ALAMO (Inali))        11889      OJO ALAMO (OJO ALAMO (Inali))        1189      Statistics SSO (BRKE) 5 6/8 in; 900 in; 1220        1189      NRTLAND (IRITLAND (Inali))        1189      FRUITLAND (RUTLAND (Inali))        1180      PCUTURED CLIPPS (PICTURED CLIPP        23810      PICTURED CLIPPS (PICTURED CLIPP        23811      DICTURED CLIPPS (PICTURED CLIPP        23811      PICTURED CLIPPS (PICTURED CLIPP        23811      DICTURED CLIPPS (PICTURED CLIPP        23811      DICTURED CLIPPS (PICTURED CLIPP        23811      DICTURED CLIPPS (PICTURED CLIPP        23811      PICTURED CLIPPS (PICTURED CLIPP        23811      DICTURED CLIPPS (PICTURED CLIPP        23811      DICTURED CLIPPS (PICTURED CLIPPS (PICTURED CLIPP        23811      PICTURED CLIPPS (PICTURED CLIPPS (PICTURED CLIPPS (PICTURED CLIPPS (PICTURED CLIPPS (PICTURED CLIPPS (PICTU	349.1	-				250 SXS CLASS 'B'.	1/4# /SX GEL-FLAKE &
2000      OJO ALAMO (OJO ALAMO (final))      "Intermediate 1, 530.08 ftv3        3340      KRTLAND (KIRTLAND (final))      "Intermediate 1, 4238 S0/RKS CLASS BY        3601      S601      CUT PERLITESX (189 CUT) FD (LOWED        3840      FRUITLAND (FRUITLAND (final))      "CUT PERLITESX (189 CUT) FD (LOWED        3841      PICTURED CLIFFS (PICTURED CLIFF      CUT PERLITESX (189 CUT) FD (LOWED        3842      PICTURED CLIFFS (FICTURED CLIFF      CUT PERLITESX (189 CUT) FD (LOWED        3843      PICTURED CLIFFS (FICTURED CLIFF      CUT PERLITESX (189 CUT) FD (LOWED        3844      PICTURED CLIFFS (FICTURED CLIFF      PICTURED CLIFFS (FICTURED CLIFF        21005      RKB, 2224.55 ftv3      PICTURED CLIFFS (FICTURED CLIFF        21005      MESA VERDE (MESA VERDE (final))      PICTURED CLIFFS (FICTURED CLIFF        21005      CHACRA (CHACRA (final))      PICTURES (CONDUT (PONDUT (FICTURED CLIFF)        31016      CHACRA (CHACRA (FIDI))      PICTURES (CONDUT (PONDUT (FICTURED CLIFF)        31020      CHACRA (CHACRA (FIDI))      PICTURED CLIFFS (PICTURED CLIFF)        31020      CHACRA (CHACRA (FIDI))      PICTURED CLIFFS (PICTURED CLIFF)        31020      CHACRA (CHACRA (FIDI))      PICTURED CLIFFS (PICTURED CLIFF)	350.1	-				SURFACE	-
13840    KIRTLAND (KIRTLAND (KINal))      14000    HIGH CALL AND (KINAL)      14000    HERVITLAND (KIRTLAND (KINAL))      14000    HERVITLAND (FRUITLAND (KINAL))      14000    HERVITLAND (FRUITLAND (KINAL))      14000    HIGH CALL AND (KINAL)      14000    HERVITLAND (FRUITLAND (KINAL))      14000    HIGH CALL AND (KINAL)      140000    HIGH CALL AND (KINAL)	3,000.0						KB; 9 5/8 in; 9.00 in; 12.00
338-0      INRICARD (NRI LAND (INRI))      I: TOC 3000 RAN BY TEMP SURVEY ON 1016(1986) SCIENTS							
3880      FRUITLAND (FRUITLAND (final))        3892      FRUITLAND (FRUITLAND (final))        3892      EVENT POLICINED CLIFF        3991      2011        3992      FRUITLAND (FRUITLAND (final))        3993      EVENT POLICINED CLIFF        2015      PICTURED CLIFFS (PICTURED CLIFF        2016      PICTURED CLIFFS (PICTURED CLIFF        2017      PICTURED CLIFFS (PICTURED CLIFF        4019      MESA SIZE SIGNAL        4019      MESA SIZE SIGNAL        40239      - LEWIS (LEWIS (final))        4031      - CHACRA (CHACRA (final))        4032      - LEWIS (LEWIS (final))        4031      - CHACRA (CHACRA (final))        4032      - MANCOS (MALCOS (final))        4032      - MANCOS (MALCOS (final))        4032      - GRALLUP (dinal))        4032      - GRALUP (dinal))        4032      - GRALUP (daLLUP (final))        4032      - GRALUP (daLLUP (fi		KIRTLAND (KIRTLAND (f	inal))			-16; TOC 3000' RAN	BY TEMP SURVEY ON
3012      PICTURED CLIFF (PICTURED CLIFF)        23811      PICTURED CLIFF (PICTURED CLIFF)        23811      2381, Tubing 238 (n. 70 lbm; 358 (12.00 mt/s)        41009      1.20 mt/s)        42389      2.1 Intermediate1, 4.238,80 mt/s)        43919      CHACRA (CHACRA (final))        43921      CHACRA (CHACRA (final))        5799      MEXAVERDE (MENEFEE (final))        5799      POINT LOOKOUT (POINT LOOKOUT (final))        6442      MANDOS (MANCOS (final))        6442      MANOCS (MALUP (final))        6442      MANDOS (MALUP (final))        6441      S18 in : 470 lbm; 1-56 (10 lbm; 1-56						65/35 POZ MIX, 6%	GEL, 2% CACL, 1/2
3311      PICTURED CLIFFS (PICTURED CLIFFS)        4359      Flagin, Tubing; 238 in; 470 lbft; 355 1/2 00        4359		PROITLAND (PROITLAND	(intal))			BY 100 SXS CLASS	
1363      2 3/8 in, 1/20 lbft; J-56, 12:00        1256      RKB, 8,224.55 ftKB        1256      2: Intermediate1, 4,238.80 ftKB, 7 in; 6.37 in; 12:00 ftKB, 4,238.80 ftKB, 7 in; 6.37 in; 12:00 ftKB, 4,238.80 ftKB        1256      -LEWIS (LEWIS (final))        1257      MENEREE (MEAVEREE (final))        10231985 00:00; 3,600,00-8,415.70; 1995-10        10231985 00:00; 3,600,00-8,415.70; 1995-10        10231985 00:00; 3,600,00-8,415.70; 1995-10        10231985 00:00; 3,600,00-8,415.70; 1995-10        10231985 00:00; 3,600,00-8,415.70; 1995-10        10231985 00:00; 3,600,00-8,415.70; 1995-10        10231985 00:00; 3,600,00-8,415.70; 1995-10        10231985 00:00; 3,600,00-8,415.70; 1995-10        1235        1307        POINT LOOKOUT (POINT LOOKOUT (6        7,150        GRALUP (GALLUP (final))        1311        GRANEROS (GRANEROS (final))        13224        1311        GRANEROS (GRANEROS (final))        13236        13280        1421; 12, 238 in; 4.70 lbft; 1.55        1328        13280        13280        1329        13200; 12, 238 in; 3.257 86 ftKB		PICTURED CLIFFS (PICT				CUFT)	
4:19:9    2: Intermediate1, 4,236,80 ftKB; 7 in; 6.37 in;      4:289    2: Intermediate1, 4,236,80 ftKB; 7 in; 6.37 in;      4:380    CHACRA (CHACRA (final))      5:789    MESA VERDE (MESA VERDE (final))      5:789    MESA VERDE (MESA VERDE (final))      5:789    MENEFEE (final))      5:789    MENEFEE (final))      5:789    MENEFEE (final))      6:000    POINT LOOKOUT (POINT LOOKOUT (4      7:100    GALLUP (GALLUP (final))      6:3659    GREENHORN (GREENHORN (final))      6:3659    GREENHORN (GREENHORN (final))      6:371    GREENHORN (GREENHORN (final))      6:380    GREENHORN (GREENHORN (final))      6:3259    GREENHORN (GREENHORN (final))      6:3250    HR; 2:36 in; 4:70 lbft; J-55      6:3260    GREENHORN (final))      6:3259    GREENHORN (GREENHORN (final))      6:3260    GREENHORN (GREENHORN (final))	4,150.9	2 3/8in, Tubing; 2 3/8 in; 4	4.70 lb/ft; J-55; 12.00				
4239      2: Intermediate1, 4.238 60ftkB; 7 in; 6.37 in; 12.00 ftkB; 4.238 60 ftkB; 7 in; 6.37 in; 12.00 ftkB; 4.10 in; 12.00 ftkB; 4.10 in; 12.00 ftkB; 4.10 in; 12.00 ftkB; 4.10 in; 12.00 ftkB; 6.10 ftkB; 4.10 in; 12.00 ftkB; 6.416 ftkB; 4.10	4,151.9	-					
1238      12.00 ftxB; 4,236.80 ftxB        45810      -CHACRA (CHACRA (final))        5778      MESA VERDE (MESA VERDE (final))        5778      MENEFEE (MENEFEE (final))        5779      MENEFEE (MENEFEE (final))        5779      POINT LOOKOUT (POINT LOOKOUT (fi        61070      COSOP RAN BY TEMP SURVEY ON 10023/1985.0280 ratio Statis 70; 1985-10        61071      COSOP RAN BY TEMP SURVEY ON 10023/1985.0280 ratio Statis 70; 1985-10        61072      POINT LOOKOUT (POINT LOOKOUT (fi        MANCOS (MANCOS (final))      CLASS BY 1144 FINE TUFF.PLUG/SX, 0.4% HR- 7, (118 CUFT)        63422      GRANEROS (GRANEROS (final))        63073      Sign, Seating Nipple; 238 in ; 470 lbm; J-55 8, 226 53 ftxB; 3226 53	4,235.9	-					
CHAOR (CHACRA (final))        5789      MESA VERDE (MESA VERDE (final))        5789      MENEFEE (MENEFEE (final))        5789      MARCOS (GMANCOS (final))        58422      MANCOS (MANCOS (final))        58442      MANCOS (MANCOS (final))        5845      GALLUP (GALLUP (final))        5065      GREENHORN (GREENHORN (final))        50673      8.224 56 ft/kB: 8.226 63 ft/kB: 8.226 60 ft/kB: 8.296 90 ft/kB        5289      DAKC <u>7</u> 3/8in, Expendable Check; 2.38 in, 8.285 64 ft/kB        5289      B.2380 n, 8.300 00.8.303 00.0. SET A CEMENT METAINER        5289      B.2380 n, 8.300 00.8.303 00.0. SET A CEMENT RETAINER        52899      B.238 00 n/kB & 303 00.0. SET A CEMEN	4,235.9	-					
5359      MESA VERDE (MESA VERDE (final))      Production Casing.        5379      MENEFEE (MENEFEE (final))      1/23/1996 50:00:350:00.04,815.70; 1985-10        5379      MENEFEE (MENEFEE (final))      1/23/1996 50:00:350:00.04,815.70; 1985-10        5400      POINT LOOKOUT (POINT LOOKOUT (f      1/23/1996 50:00:350:00.04,815.70; 1985-10        5442      MANDOS (MALOS (final))      1/23/1996 50:00:350:00.04,815.70; 1985-10        5442      MANDOS (MALOS (final))      1/23/1996 50:00:352:00.4%; HR-        5442      GALLUP (GALLUP (final))      1/23/1996 50:00:32:00; 10:05 XS        5007      GALUP (GALLUP (final))      1/23/1996 50:00:32:00; 10:05 XS        5007      GREENHORN (GREENHORN (final))      1/23/1996 50:00:32:00; 10:05 XS        5007      8,226.58 1KG: 8,226.63 fKG      1/257.88 fKG        5138      6,226.83 fKG: 8,226.83 fKG: 8,226.83 fKG      1/28.94 0 fKG        5239      8,228.64 fKG      1/28.79 68 fKG        5138      1/28 (r) CEMENT RETAINER      1/28.57 88 fKG        5239      1/28 (r) CEMENT RETAINER      1/28.57 88 fKG        5239      8,228.64 fKG      1/28.79 68 KG        5239      8,228.63 fKG: 8,228.63 fKG      1/28.79 68 KG	4,563.0	LEWIS (LEWIS (final))					
67389      MESA VERDE (MESA VERDE (Mall))        57979      MENEFEE (MENEFEE (Mall))        57979      MENEFEE (MENEFEE (final))        61700      POINT LOOKOUT (POINT LOOKOUT (f        61701      POINT LOOKOUT (POINT LOOKOUT (f        61702      MANCOS (MANCOS (final))        61703      GALLUP (GALLUP (final))        61704      GALLUP (GALLUP (final))        61705      GRANEROS (GRANEROS (final))        61705      GRANEROS (GRANEROS (final))        61705      8.224.56 ft/dB; 8.227.65 ft/dB        61705      8.224.56 ft/dB; 8.227.65 ft/dB        61705      8.224.56 ft/dB; 8.227.65 ft/dB        61705      8.226.63 ft/dB; 8.227.65 ft/dB        61705      8.226.63 ft/dB; 8.227.65 ft/dB        61705      8.236.04 ft/dB; 8.257.65 ft/dB        61705      8.236.04 ft/dB; 8.257.65 ft/dB        61705      8.303.0; 8.300.00-8.303.00; SET A CEMENT        61805	4,910.1					Production Casing	Cement, Casing.
3/8/3      Interver Ed. (Initial)//        POINT LOOKOUT (POINT LOOKOUT (6        4:070        POINT LOOKOUT (POINT LOOKOUT (6        MANCOS (MANCOS (final))        GALLUP (GALLUP (final))        GALUP (GALLUP (final))        GREENHORN (GREENHORN (final))        6:073        6:073        6:073        6:073        6:073        6:073        6:074        GREENHORN (GREENHORN (final))        6:075        6:077        6:077        6:078        6:079        6:079        6:071        6:073        6:073        6:073        6:073        6:074        6:075        6:075        6:076        6:077        6:077        6:078        6:078        6:079        6:079        6:071        6:072        6:073        6:073        6:073        6:074        6:075  <						10/23/1985 00:00; 3,	600.00-8,415.70; 1985-10
68442      MANCOS (MANCOS (final))      7, (623 CUFT), FOLLOWED BY 100 SXS        7, (523 CUFT), FOLLOWED BY 100 SXS      CLASS B; 1, 14# FINE TUFF-PLUG/SX, 0.4%        7, (523 CUFT), FOLLOWED BY 100 SXS      CLASS B; 1, 14# FINE TUFF-PLUG/SX, 0.4%        6,0023      GRANEROS (GRANEROS (final))        6,0023      GRANEROS (GRANEROS (final))        6,0023      GRANEROS (GRANEROS (final))        6,0024      2,3/8 in, 7,4/70 Ib/ft, 3-55        8,224,55 ftKB; 8,226,63 ftKB      8,224,65 ftKB; 8,226,63 ftKB        8,225      8,224,65 ftKB; 8,227,86 ftKB        8,225      8,226,63 ftKB; 8,257,86 ftKB        8,225      8,226,63 ftKB; 8,267,86 ftKB        8,225      8,226,63 ftKB; 8,269,40 ftKB        8,236      11, 12, in, CEMENT RETAINER        8,238      6,102,00 c) CEMENT RETAINER        8,239      8,300,00 c) COLATE A WATER        8,239      8,300,00 c) COLATE A WATER        8,231      BEARING 2/ONE        8,231      CLASS B; 1/48        8,433      CLASS B; 1/48        8,435      CLASS B; 1/47        8,435      CLASS B; 1/47        8,435      CLASS B; 1/47        1,200 ftKB; 8,415.70 ftKB						10/23/1985. CEMEN	T W/ 241 SXS CLASS 'B'
7.1250  GALLUP (GALLUP (finali))    8069  GREENHORN (GREENHORN (finali))    80673			-			7, (523 CUFT), FOL	LOWED BY 100 SXS
8.0659      GREENHORN (GREENHORN (final))        8.0673      8.007        8.1007      8.1181        GRANEROS (GRANEROS (final))      8.224.4        2.378      8.224.55 ftKB; 8.226.63 ftKB; 8.226.63 ftKB; 8.227.66 ftKB; 8.226.63 ftKB; 8.266.64					· ·····		E TUFF-PLUG/SX, 0.4%
8.0673			-				
8.119.1    GRANEROS (GRANEROS (final))      8.2244    £ 3/8in, Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 8.224.65 ft/kB; 8.226.63 ft/kB      8.2339    DAKC 2 3/8in, Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 8.226.63 ft/kB; 8.257.86 ft/kB      8.2359    8.226.63 ft/kB; 8.257.86 ft/kB      8.2359    8.236.04 ft/kB      8.2369    8.236.04 ft/kB      8.2369    8.236.04 ft/kB      8.3331    8.258.64 ft/kB      8.3331    8.258.64 ft/kB      8.3331    8.259.40 ft/kB      8.3331    8.300,00,00; CEMENT RETAINER, 8.300,01      8.3331    8.300,00,00; CEMENT RETAINER, 8.300,01      8.3331    8.300,00,00; CEMENT RETAINER, 8.300,01      8.3331    8.266,00; CEMENT RETAINER, 8.300,01      8.3331    8.266,00; CEMENT RETAINER, 8.300,01      8.3331    8.230,00,08,300; SET A CEMENT      8.3331    8.230,00,08,300; SET A CEMENT      8.3331    8.236,00; RUBENC,00; CEMENT RETAINER, 8.300,01      8.3331    8.236,00; RUBENC,00; CEMENT RETAINER, 8.300,01      8.3331    8.236,00; RUBENC,00; CEMENT RETAINER, 8.300,00; SET A CEMENT      8.4351    8.236,00; RUBENC,00; CEMENT RETAINER, 8.300,01; RUBENC,00; CUBENT,00; SS CLASS 'B', 1/4#      8.4351    8.236,00; RUBE	8,087.3	•					
82244      £ 3/8 in, Pup Joint; 2 3/8 in; 4 70 lb/ft; J-55; 8,224.55 ftKB; 8,226.63 ftKB        8239      DAKC£ 3/8 in; 7 ubing; 2 3/8 in; 4,70 lb/ft; J-55; 8,226.63 ftKB; 8,257.86 ftKB        8239      2 3/8 in; Seating Nipple; 2 3/8 in; 8,257.86 ftKB        82395      8,236.0-8,362.0ftKB on 10/25/1985 00:00        82395      8,238.0-8,362.0ftKB on 10/25/1985 00:00        82395      8,300.00-8,300.00; CEMENT RETAINER, 8,300.01        83331      8,300.00-8,300.00; CEMENT RETAINER, 8,300.01        8,3031      8,300.00-8,300.00; SEA CEMENT        8,3031      8,300.00-8,300.00; SEA CEMENT        8,3031      8,300.00-8,300.00; SEA CEMENT        8,4081      8,300.00-8,300.00-8,300; SEA CEMENT        8,4081      8,300        8,4081      8,300        8,4081      8,300        8,4081      8,300        8,4081      8,300        8,4081      8,300        8,4081      8,300        8,4081      8,300        8,4081      8,408        8,4081      8,408        8,4081      8,408        8,4081      8,408        8,4081      8,408        8,408	8,100.7	-					
82287    E Stellin, Fulp Solini, 2:396 th, 4:10 lbit, 3:395, 8226.63 ftKB; 8226.63 ftKB; 8257.86 ftKB; 82257.86 ftKB; 82257.86 ftKB; 8257.86 ftKB; 8257.86 ftKB; 8259.864 ftKB      82385    Bit in, Expendable Check; 2:378 in; 8:257.86 ftKB; 8259.40 ftKB; 8:259.40 ftKB	8,119.1		S(final))				
32339      DAKC 3/8in, Tubing; 2 3/8 in; 4 70 lb/ft; J-55; 8.226.63 ft/kB; 8.257.86 ft/kB        3239      2 3/8in, Seating Nipple; 2 3/8 in; 8.257.86 ft/kB        3259      2 3/8in, Expendable Check; 2 3/8 in; 8.258.64 ft/kB        3285      2 3/8in, Expendable Check; 2 3/8 in; 8.258.64 ft/kB        3285      2 3/8in, Expendable Check; 2 3/8 in; 8.258.64 ft/kB        3285      2 3/8in, Expendable Check; 2 3/8 in; 8.258.64 ft/kB        3285      2 1/12 in; CEMENT RETAINER, 8.300.01        4 1/2 in; CEMENT RETAINER, 8.300.01      8.303.0; 8.300.00; SET A CEMENT        8.3031      RETAINER @ 8300° TO ISOLATE A WATER        8.3051      BEARING ZONE        8.4150      SURVEY ON 10/23/1985. COUMENT W2 241        SXS CLASS 'B' W/ 8% GEL, 12.5#        Gill SONITE/SX, 0.4% HR-7, (523 CUFT),        FOID UWED BY 100 SXS CLASS 'B', 1/4#        FINE        SA150        8.4150        8.4157        8.4150        8.4157        8.4150	8,224.4						
8.2359      8.226.63 ftKB; 8.257.86 ftKB        8.2359      8.236.64 ftKB        8.2359      8.236.84 ftKB        8.2359      8.236.84 ftKB        8.2359      3/8in, Expendable Check; 2.3/8 in, 8.258.84 ftKB        8.2359      5.300.00; CEMENT RETAINER, 8.300.00; CEMENT RETAINER, 8.300.00; 8.300.00; SETA CEMENT        8.3331      Chyp> (PBTD); 8.300.00; CEMENT RETAINER, 8.300.00; 8.300.00; SETA CEMENT        8.3331      RETAINER @ 8300' TO ISOLATE A WATER BEARING ZONE        8.4081      SURVEY ON 10/23/1985. COMENT W/ 241        8.4081      SURVEY ON 10/23/1985. COMENT W/ 241        8.4081      SURVEY ON 10/23/1985. COMENT W/ 241        8.4081      SURVEY ON 10/23/1985. CEMENT W/ 241        8.4157      SURVEY ON 10/23/1985. CEMENT W/ 241 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
82359      2 3/8 in, Seating Nipple; 2 3/8 in; 8 257.86 ftKB: 8.258.6 ftKB: 8.259.40 ftKB: 8.259.40 ftKB: 8.259.9        82359      2 3/8 in, Seating Nipple; 2 3/8 in; 8 256.86 ftKB: ftKB: 8.259.40 ftKB        82359      2 3/8 in, Seating Nipple; 2 3/8 in; 8 256.86 ftKB: ftKB: 8.259.40 ftKB        82359      (styp> (PBTD); 8 300.00; CEMIENT RETAINER 4 1/2 in; CEMIENT RETAINER 8.303.1        8303.1      8.303.0; 8 300.00-8, 303.00; SET A CEMIENT RETAINER @ 8300° TO ISOLATE A WATER BEARING ZONE        8.405.1      8.405.1        8.405.1      8.406.1        8.415.0      8.415.70; SURVEY ON 10/23/1995. CEMENT W2241        8.406.1      8.406.1        8.415.7      8.415.70; SURVEY ON 10/23/1995. CEMENT W2241        8.406.1      8.415.70; SURVEY ON 10/23/1995. CEMENT W2241        8.406.1      8.415.70; SURVEY ON 10/23/1995. CEMENT W2241        8.415.7      8.415.70; SURVEY ON 10/23/1995. CEMENT W2241        8.415.7      8.415.70; SURVEY ON 10/23/1995. CEMENT W241        8.415.7      8.415.70; SURVEY ON 10/23/1995. CEMENT W241        8.415.7      8.415.70; SURVEY ON 10/23/1995. CEMENT W241        8.415.7      8.415.70; SURVEY ON 10/23/1995. CEMENT W241        8.415.7      8.415.70; SURVEY ON 10/23/1995. CEMENT W241        8.415.7      9.144   <							
8.238.5    2 3/8 in, Expendable Check; 2 3/8 in, 8,258.84 fttB; 8,259.40 fttB      8.239.5    ctyp> (PBTD); 8,300.00; CEMENT RETAINER, 8,300.0; 8,303.1      8.333.1    etyp> (PBTD); 8,300.00; CEMENT RETAINER, 8,300.0; 8,303.0; 8,300.00; SET A CEMENT RETAINER @ 8300° TO ISOLATE A WATER BEARING ZONE      8.406.1    8,238.5      8.405.1    8,409.1      8.415.0    8,415.7      8.415.0    9,700 duction 1, 8,415.70 fttKB; 4 1/2 in; 4.00 in; 12,00 ftKB; 8,415.70 fttKB			3/8 in; 8,257.86 ftKB;				
8.2995      etyp> (PBTD); 8.300.00; CEMENT RETAINER 4 1/2 in; CEMENT RETAINER 8.3099      8:2395 (0.8; 332, 01KB on 10/22/1985 00:00 (PERF- DAKOTA); 8,236,00-8,362,00; 1985- 10-25        8.3099      8:300, 00, 00; 00; 00; 00; 00; 00; 00; 00;		2 3/8in, Expendable Che	ck; 2 3/8 in; 8,258.64				
4 1/2 in, CEMENT RETAINER, 8 300.01      10-25        8.303.1      8.303.0: 8.303.00; SET A CEMENT        8.301      RETAINER @ 8300' TO ISOLATE A WATER        8.301      BEARING ZONE        8.405.1      BEARING ZONE        8.405.1      SURVEY ON 10/23/1985.00:00 (plug); 8,408.00-8,415.70; 1985-10-23; TOC 3600' RAN BY TEMP        8.405.1      BEARING ZONE        8.405.1      SURVEY ON 10/23/1985.00:00 (plug); 8,408.00-8,415.70; 1985-10-23; TOC 3600' RAN BY TEMP        8.405.1      BEARING ZONE        8.405.1      SURVEY ON 10/23/1985.00:00 (plug); 8,408.00-8,415.70; 1985-10-23; TOC 3600' RAN BY TEMP        8.405.1      BEARING ZONE        8.405.1      SURVEY ON 10/23/1985.00:00 (plug); 8,408.00-8,415.70; 1985-10-23; TOC 3600' RAN BY TEMP        8.405.1      BEARING ZONE        8.405.1      SURVEY ON 10/23/1985.00:00 (plug); 8,408.00-8,415.70; 1985-10-23; TOC 3600' RAN BY TEMP        8.405.1      GILSONITE/SX, 0.4% HR-7, (523 CUFT), FOLLOWED BY 100 SXS CLASS 'B', 1/4#        FINE TUFF-PLUG/SX, 0.4% HR-7, (118      CUFT)        3; Production1, 8,415.70 ftKB      1/2.00 ftKB; 8,415.70 ftKB        8.415.0      12.00 ftKB; 8,415.70 ftKB		<pre><typ>(PBTD); 8,300.00: C</typ></pre>			1922		
8.3031      RETAINER @ 8300' TO ISOLATE A WATER BEARING ZONE      Flobularity Centry (File); 8,408.00.8,415.70; 1985-10-23; TOC 3600' RAN BY TEMP SURVEY ON 10/23/1985. CEMENT W/ 241        8.4051      SURVEY ON 10/23/1985. CEMENT W/ 241        8.4150      SURVEY ON 00/23/1985. CEMENT W/ 241        8.4157      SURVEY ON 00/23/1985. CEMENT W/ 241        8.4150      SURVEY ON 0/23/1985. CEMENT W/ 241        8.4150      SURVEY ON 0/23/1985. CEMENT W/		4 1/2 in, CEMENT	RETAINER, 8,300.0,	1000		10-25	
8.361.9      SURVEY ON 10/23/1985. CEMENT W/ 241        8.408.1      SURVEY ON 10/23/1985. CEMENT W/ 241        8.408.1      SURVEY ON 10/23/1985. CEMENT W/ 241        8.409.1      SURVEY ON 10/23/1985. CEMENT W/ 241        8.415.0      SURVEY ON 10/23/1985. CEMENT W/ 241        8.415.0      SURVEY ON 10/23/1985. CEMENT W/ 241        8.415.7      SURVEY ON 10/23/1985. CEMENT W/ 241 <tr< td=""><td></td><td>RETAINER @ 8300' TO</td><td>ISOLATE A WATER</td><td>300</td><td></td><td>10/23/1985 00:00 (p</td><td>lug); 8,408.00-8,415.70;</td></tr<>		RETAINER @ 8300' TO	ISOLATE A WATER	300		10/23/1985 00:00 (p	lug); 8,408.00-8,415.70;
8,4081      GILSONITE/SX, 0.4% HR-7, (523 CUFT),        8,4091      FOLLOWED BY 100 SXS CLASS 'B', 1/4#        8,415.0      FINE TUFF.PLUG/SX, 0.4% HR-7, (118        8,415.7      3; Production 1, 8,415.70 ftKB; 4 1/2 in; 4.00 in;        8,416.0      12.00 ftKB; 8,415.70 ftKB	8,361.9		SEARING ZONE			SURVEY ON 10/23/	1985. CEMENT W/ 241
8.409.1      FOLLOWED BY 100 SXS CLASS 'B', 1/4#        8.415.0      FINE TUFF-PLUG/SX, 0.4% HR-7, (118        CUPT)      CUPT)        3; Production 1, 8,415.70 ftKB; 4 1/2 in; 4.00 in;        8,415.0      12.00 ftKB; 8,415.70 ftKB	8,408.1					GILSONITE/SX, 0.4	% HR-7, (523 CUFT),
8,4150 8,415.7 8,415.7 8,416.0 2, 00 ftKB; 8,415.70 ftKB 12.00 ftKB; 8,415.70 ftKB	8,409.1	-				FOLLOWED BY 100	0 SXS CLASS 'B', 1/4#
12.00 ftKB; 8,415.70 ftKB						CUFT)	
New eleter com					(0.03 <u>00)</u>		
rage 1/1 Report Printed: 4/16/202		.com		Page 1/1			Report Printed: 4/18/2023



#### HILCORP ENERGY COMPANY SAN JUAN 28-5 UNIT 96E MESA VERDE RECOMPLETION SUNDRY

	• Energy Company : SAN JUAN 28-5 UNIT #9		oosed Schemati	C		
N/UWI	Surface Legal Location	Field Name		Route	State/Province	Well Configuration Type
003923864 round Elevation (#)	O11-028N-005W-L Original KBRT Elevation (ft)	BSN DK(PRO GAS)	#0068 und Distance (ft)	1308 KB-Casing Flan	NEW MEXICO ge Distance (ft) KB-Tubing Har	VERTICAL ger Distance (ft)
,974.00	6,986.00	12.00				
		Original	Hole [VERT	ICAL]		
MD TV (ftKB) (ftK			Vertical schen	natic (actual)		
12.1						ent, Casing, 10/11/1985 1985-10-11; CEMENT W/
349.1						/4# /SX GEL-FLAKE &
350.1					SURFACE	-
3,000.0					1; Surface, 350.08ftK8 ftKB; 350.08 ftKB	3; 9 5/8 in; 9.00 in; 12.00
3,196.9	OJO ALAMO (OJO ALAM	O (final))			Intermediate Casing	Cement, Casing,
3,394.0	KIRTLAND (KIRTLAND (fi	nal))			-16; TOC 3000' RAN	00.00-4,236.80; 1985-10 BY TEMP SURVEY ON
3,600.1					10/16/1985. CEMENT 65/35 POZ MIX, 6% 0	W/ 98 SXS CLASS 'B'
3,688.0	FRUITLAND (FRUITLAND	(final))			CUFT PERLITE/SX (1	189 CUFT) FOLLOWED
3,901.2	-				BY 100 SXS CLASS 'E CUFT)	3', 2% CACL (118
3,913.1	PICTURED CLIFFS (PICT 2 3/8in, Tubing; 2 3/8 in; 4	URED CLIFF				
4,150.9		ftKB; 8,224.55 ftKB				
4,151.9	-					
4,235.9	-				2: Intermediated 4.2	36.80ftKB: 7 in: 6.37 in:
4,235.9					12.00 ftKB; 4,236.80 f	
4,563.0	LEWIS (LEWIS (final))					
4,910.1	CHACRA (CHACRA (final	))			Production Casing C	ement Casing
5,735.9	MESA VERDE (MESA VER	RDE (final))	224		10/23/1985 00:00; 3,6	00.00-8,415.70; 1985-10
5,797.9	MENEFEE (MENEFEE (fir	nal))	922			BY TEMP SURVEY ON W/ 241 SXS CLASS 'B'
6,107.0	POINT LOOKOUT (POIN	LOOKOUT (fi	899	355	W/ 8% GEL, 12.5# G 7, (523 CUFT), FOLL	LSONITE/SX, 0.4% HR-
6,844.2	MANCOS (MANCOS (fina	<u></u>			CLASS 'B', 1/4# FINE	TUFF-PLUG/SX, 0.4%
7,125.0	GALLUP (GALLUP (final)	)			HR-7, (118 CUFT)	
8,058.9	GREENHORN (GREENH	ORN (final))				
8,087.3						
8,100.7						
8,119.1	GRANEROS (GRANERO	S(final))				
8,224.4	2 3/8in, Pup Joint; 2 3/	8 in; 4.70 lb/ft; J-55; 5 ftKB; 8,226.63 ftKB				
8,226.7						
8,233.9	— DAKC 3/8in, Tubing; 2 3/ 8,226.63	8 in; 4.70 lb/ft; J-55; 6 ftKB; 8,257.86 ftKB				
8,235.9	2 3/8in, Seating Nipple; 2 3	/8 in; 8,257.86 ftKB;	2340 2340 2340			
8,257.9	2 3/8in, Expendable Chec	8,258.64 ftKB k; 2 3/8 in; 8,258.64				
8,258.5		ftKB; 8,259.40 ftKB		≥ 👫 🖁	8,236.0-8,362.0ftKB o	
8,259.5	<typ> (PBTD); 8,300.00; C 4 1/2 in, CEMENT I</typ>	RETAINER, 8,300.0,			(PERF - DAKOTA); 8 10-25	236.00-8,362.00; 1985-
8,299.9	8,303.0; 8,300.00-8,303 RETAINER @ 8300' TO	00; SET A CEMENT			Production Casing C	ement, Casing, ig); 8,408.00-8,415.70;
8,303.1		BEARING ZONE	200	890	1985-10-23; TOC 360	0' RAN BY TEMP
8,351.9					SURVEY ON 10/23/19 SXS CLASS 'B' W/ 89	985. CEMENT W/ 241
8,408.1					GILSONITE/SX, 0.4% FOLLOWED BY 100	HR-7, (523 CUFT),
8,409.1					FINE TUFF-PLUG/S	
8,415.0					CUFT) 3: Production 1, 8,415	5.70ftKB; 4 1/2 in; 4.00 in;
8,415.7				and the second	12.00 ftKB; 8,415.70 f	
www.pelotor	n.com		Page 1/1			Report Printed: 4/18/2023

5/20, 0.15 AM

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District III 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 Fa, NM 87500

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462 Form C-102 August 1, 2011 Permit 338712

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

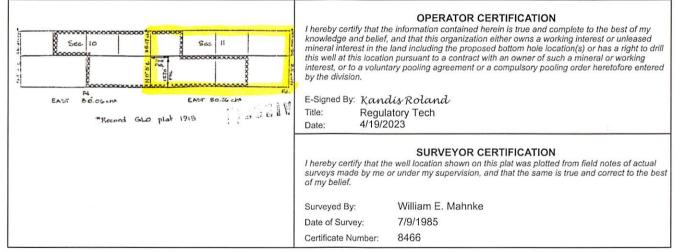
#### WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool Name
30-039-23864	72319	BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code	5. Property Name	6. Well No.
318708	SAN JUAN 28 5 UNIT	096E
7. OGRID No.	8. Operator Name	9. Elevation
372171	HILCORP ENERGY COMPANY	6974

#### 10. Surface Location UL - Lot Lot Idn Feet From N/S Line E/W Line Section Township Range Feet From County 28N 05W 1270 700 RIO M 11 S W ARRIBA

-			11. Botto	m Hole Locat	tion If Different	From Surface	e		
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated 280	Acres 0.68		13. Joint or Ir	nfill	14. Consolida	tion Code		15. Order No.	

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



Receive	ed by	OCD:	4/20/2023	11:37:01 AM	ſ
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State of New Mexico Energy, Minerals and Natural Resources Department

Submit Electronically Via E-permitting

**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: Hilcorp Energy Company OGRID: 372171 Date: <u>4/19/2023</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	Anticipat	Anticipated	Anticipated
			_	ed Oil	Gas	Produced
				BBL/D	MCF/D	Water BBL/D
San Juan 28-5 Unit 96E	3003923864	M-11-28N-5W	1270' FSL & 700' FWL	1.1	425	.5

IV. Central Delivery Point Name: Chaco-Blanco Processing 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
<u>San Juan 28-5 Unit 96E</u>	3003923864	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	Not Yet Scheduled

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.

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	Available Maximum Daily Capacity
-	•		Start Date	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).

□ 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:

 $\boxtimes$  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: Kandís Roland
Printed Name: Kandis Roland
Title: Operations/Regulatory Tech Sr.
E-mail Address: kroland@hilcorp.com
Date: 4/19/2023
Phone:713-757-5246
OIL CONSERVATION DIVISION (Only applicable when submitted as a standalone form)
Approved By:
Title:
Approval Date:
Conditions of Approval:

## 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
  - $\circ$   $\;$  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
  - o 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
  - o 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.

Hilcorp Energy Recomplete Reclamation Plan SAN JUAN 28-5 UNIT 96E API: 30-039-23864 T28N-R5W-Sec.11-M LAT: 36.6717 LONG: - 107.3347 (NAD 27) Footage: 1270' FSL & 700' FWL Rio Arriba County, NM

#### 1. PRE- RECLAMATION SITE INSPECTION

A pre-reclamation site inspection was completed with Roger Herrera from the BLM and Travis Munkres Hilcorp Energy SJ East Construction Foreman on April 11, 2023.

#### 2. LOCATION RECLAMATION PROCEDURE

- 1. Reclamation work will begin when all the recompletion activities are completed.
- 2. All trash and debris will be removed within a 25' buffer outside of the location disturbance during reclamation.
- 3. Blade the road to the BLM Gold Book Standard from Arnold Road to the location.
- 4. Re-establish the cut slope diversion.
- 5. Move excess gravel to the roadway and spread.
- 6. Reseed all disturbed area being used for recompletion activities.

#### 3. SEEDING PROCEDURE

- 1. A BLM Special seed mix will be used for all reclaimed and disturbed areas of the well pad and lease road.
- 2. Drill seed will be done where applicable and all other disturbed areas will be broadcast seeded and harrowed. Broadcast seeding will be applied at a double the rate of seed.
- 3. Timing of the seeding will be when the ground is not frozen or saturated.

#### 4. WEED MANAGEMENT

1. No action is required at this time for weed management, no noxious weeds were identified during this onsite.

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

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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	209387
	Action Type:
	[C-103] NOI Recompletion (C-103E)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	Notify NMOCD 24 Hours Prior to beginning operations	5/19/2023
dmcclure	DHC required	5/19/2023

Page 14 of 14

Action 209387