

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

APR 04 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.**

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

2. Name of Operator

Hilcorp Energy Company

3a. Address

PO Box 4700, Farmington, NM 87499

3b. Phone No. (include area code)

505-599-3400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface Unit N (SESW) 20' FSL & 1980' FWL, Sec. 22, T27N, R07W

5. Lease Serial No.

NMSF-078640

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

San Juan 28-7 Unit

8. Well Name and No.

San Juan 28-7 Unit 155F

9. API Well No.

30-039-27037

10. Field and Pool or Exploratory Area

Basin Dakota / Blanco Mesaverde

11. Country or Parish, State

Rio Arriba, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☒ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

2/7/2018 MIRU AWS 748. BDW, NDWH, NU BOPE. Function test BOP, Test - Good. Scan tbg. BD BH. Secure well, SDFD.

2/8/2018 PU mill, 4.5" casg scraper & TIH to 5900'. RU Basin Perforating & set CIBP @ 5904'. Load csg w/ water & roll hole. Secure well SDFD.

2/9/2018 Mix packer fluid in pit and run it down annulus between csg. LD tbg. ND & set out BOP. NU Wellcheck flange. PT csg. Test Failed @ approx 2250 psi. ND well check and NU BOP. PU tbg to 5904'. Secure well & SDFD.

2/12/2018 TOH w/ tbg. RU Basin Well Logging & set CIBP @ 5890'. RD Basin Perforating. Tag #1 CIBP @ 5904'. Load hole w/ 93 bbls of water and PT csg & CIBP to 1500 psi for 15 min. Test - Good. TIH w/ tbg. Circulate bottoms up. RD floor, ND BOPE, NU Wellhead. Secure well, SDFD.

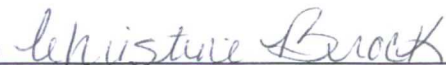
By: 

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Christine Brock

Title Operations/Regulatory Technician - Sr.

Signature



Date

4/4/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(Instruction on page 2)

NMOCDFV

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**2/13/18** ND Tree & NU Test flange & top off csg w/ water. PT 4.5" csg to 4,000 psi. Test – Good. ND Test flange & NU tree. RDRR @11:00.

**3/14/18** MIRU Drake Well Service & Basin Perforators. PT pumps & lines to frac head to 5000 psi. Test – Good. **Perforate PT Lookout** w/ 20 holes, .34" dia @ 5504' & 5501'. Broke DN the perms w/ treated water @ 3300 psi. Est rate of 3 BPM – 1950 psi. ISPD – 490psi. Continued perforating the PT Lookout .34" dia @ 5496', 5458', 5455', 5451', 5448', 5430', 5427', 5407', 5403', 5380', 5376', 5372', 5365', 5349', 5345', 5341', 5333', 5330'. Stimulated perms w/ 1000 gals of 15% HCL plus additives dropping 45 – 7/8" ball sealers throughout the job. Balled off perms @ 3600 psi. Released psi. Ran a junk basket to 5600' on WL. Recovered 17 balls, all HITS. SWI & RD.

**3/20/2018** MIRU Halliburton. PT 5000#. Open Master Valve. **Frac PT Lookout** w/ 71Q N2 Foam, 20# linear base gel @ 51.5 BPM, w/ 285,000 lbs 20/40 AZ sand, 2,352,761 SCF N2, 1578 bbls liquid. Liquid Flush. ISDP 943, 5 min 633. RIH w/ 4 1/2" CBP flow thru. Set **CBP @ 5300'**. POOH. **Perf Menefee** w/ 21 holes .34", 1 spf 5266', 5262', 5259', 5256', 5253', 5250', 5142', 5138', 5135', 5132', 5129', 5111', 5108', 5094', 5092', 5058', 5055', 5045', 5042', 4969', 4966', BD BTM 4 holes w/ gun in the hole. Acidize Menefee w/ 1000 gals 15% HCL acid and 45 7/8" Ball sealers. Ball off to 4000#. BD pressure. RIH w/ 4 1/2" JB below all perforations. POOH. PT lines. **Frac Menefee** w/ 60Q N2 Foam, 20# linear base gel @ 34.5 BPM, 266,320 lbs 20/40 AZ sand, 2,010,534 SCF N2, 1,466 bbls liquid. Liquid flush, ISDP 2028, 5 min 11596, 10 min 1539, RIH, **set CBP @ 4850'**. POOH. Shut in & secure well, SDFD.

**3/22/2018** MIRU Baywater 104 @ 12:00. ND frac stack. NU BOP. Function test BOP. Test – Good. RU Wellcheck. Install 2 way plug in hanger. PT blind rams & pipe rams to 250 psi (low) and 1500 psi (high) for 10 min each. Changed out pipe ram rubbers. Test – Good. SIW, SDFD.

**3/23/2018** PU twister bit & bit sub. Tally & PU tbg to 2400' and unload hole. PU & Tag CBP @ 4850". KI Air & establish circ w/ 18 bbl/hr water, 1 gal soap, 1 gal Cl. Drill out CBP @ 4850'. PU tbg. Tagged fill @ 5290' to 5300'. Drill out frac plug @ 5300'. PU tbg to 5530'. LD power swivel. TOH w/ tbg. Flow back well overnight. Conduct flow test overnight.

**3/24/2018** Tag fill @ 5843'. PU swivel & break circ w/ 1150 CFM Air – 18BPH Mist. Clean out sand fill from 5843'-5890'. Drill Out CIBPS @ 5890' & 5904". Circ hole clean @ 5920'. TIH pickup up tbg. Tag up @ 7580'. PU swivel & break circ w/ air-mist. Clean out sand fill from 7580'-7597'. Circ hole clean & dry up. Hang swivel & POOH w/ bit & tbg. MU Exp check & 2 3/8" x 1.78" SSN on bottom of 1-jt of 2 3/8" production tbg. Drift 120-jts of tbg in hole. Secure well. Flow back overnight.

**3/25/2018** Continue broaching 2 3/8" production tbg in hole. Tag PBTD @ 7597'. No fill. PU off bottom & circulate hole clean w/ air-mist. **Land tbg, 237 jts 2 3/8", 4.7# J-55 set @ 7504' w/ Seat nipple @ 7502'**. RD, ND BOPE & NU Production Tree. Using air PT tbg to 600 psi. Held 5 min ok. Pump off check @ 1200 psi & circ. Secure well, SIW. RR @ 15:00 hrs on 3/25/2018.

**This well is currently producing as a MV/DK with an approved Test Allowable C-104 & is waiting on RC C-104 approval.**

**Well is now a MV/DK commingled per DHC-3971-AZ**