

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 27 2019

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

Farmington Field Office

SF-078502-A

SUNDRY NOTICES AND REPORTS ON WELLS OF LAND MANAGEMENT

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.

Hardie 4E

2. Name of Operator

Hilcorp Energy Company

9. API Well No.

30-045-24938

3a. Address

382 Road 3100, Aztec, NM 87410

3b. Phone No. (include area code)

505-599-3400

10. Field and Pool or Exploratory Area

Basin Dakota / Blanco Mesaverde

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

Surface Unit E (SWNW) 1800'FNL & 790' FWL, Sec. 24, T29N, R08W

11. Country or Parish, State

San Juan, New Mexico

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input checked="" type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

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 recompleat 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 recompleat 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.)

1/21/2019 RU SLKLN, pull bumper spring, tag fill @ 5578'. MIRU. NDT, NU BOPE. PT BOPE to 1500 psi for 20 min, tested good. Pull tbh hanger, TOH w/ tbh. TIH w/ 3-7/8" bit & csg scraper for csg to 4750'. TOOH LD tbh, bit @ 3897'. SISW, SDFD.

1/22/2019 BDW. Continue TOH w/ tbh. RU WRLN. Perf Point Lookout w/ .34" dia, 1 spf @ 5482', 5462', 5428', 5417', 5406', 5402', 5392', 5379', 5376', 5366', 5359', 5348', 5341', 5332', 5322', 5314', 5301', 5293', 5285', 5268' = 20 holes. Perf Cliffhouse w/ .34" dia, 1 spf @ 4886', 4881', 4876', 4869', 4864', 4856', 4843', 4827', 4820', 4791', 4775', 4754', 4750', 4725', 4718' = 15 holes. SISW, SDFD.

1/23/2019 BDW. PU tbh & TIH w. AS1-X pkr, set pkr @ 4618' & land in tbh head w/ 17k compression. Load annulus, PT pkr to 500 psi for 15 min, tested good. ND BOPE, NU 4-1/16" 10K Frac valve. Wellcheck PT tbh to 7800 psi for 15 min, tested good. RIT w/ sand line & spear prong & rupture disc @ 4619', tbh went on vacuum, POOH, SISW, RDRR @ 18:30 hrs.

Continued on next page

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

Christine Brock

Title Operations/Regulatory Technician - Sr.

Signature

Christine Brock

Date

3/27/19

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

DMankewicz

Title

AEM

Date

3/27/19

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

FEO

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.

NMOC

3/19/2019 RU Frac services PT fluid lines to 9100 psi, tested good. PT N2 pumps/lines to 9100 psi, tested good. Frac MV formation (PLO 5268'-5482' & CLFH 4718'-4886') w/ 195,730 foam gals of 70Q slick water at 35 bpm, 2,000 gals 15% HCL acid, Ran 45 RCN balls for diversion, 280,665 #'s premium 20/40 sand, N2: 2,058,451 scf, Flush: 39 foam bbls. RD Frac equipment. SISW, SDFD.

3/20/2019 RU FB, FB well, conduct flow test.

3/21/2019 MIRU. Set 2-way check, ND Frac Stack. NU 7-1/16" X 3K BOP stack & kill spool. PT pipe & blind rams to 250 psi (low) & 2000 psi (high) for 15 min each, tested good. RU pwr tongs. PU tools. RU lubricator & pull 2-way check. Release frac pkr @ 4618' & blow well back to FB tank. Kill well. LD tbg hanger, TOH, LD frac string. PU & strap & rabbit in hole w/ junk mill, bit sub w/ float & tbg to 4200'. Install TIW valve in tbg. SISW, SDFD.

3/22/2019 BDW. PU strap & rabbit in hole w/ mill & tbg, tag 417" fill f/ 5177'- 5595' (Top of CIBP). Break circ & CO 326' fill w/ air/mist. Circ hole clean @ 5503'. Pull tbg, PU mill above top perf's to 4690'. Install TIW valve in tbg, SISW, SDFD.

3/23/2019 BDW. TIH w/ mill & tbg, tag 100' fill f/ 5495'-5595' (Top of CIBP). Break circ & CO 100' fill w/ air/mist. Circ hole clean @ 5595'. Flow test MV thru 2' flow line. RU pwr swivel. Break cir w/ air/mist, Mill out CIBP @ 5595' & clean up well. RD pwr swivel. TIH w/ junk mill & tbg, tag 2nd CIBP @ 7301'. RU pwr swivel. Break circ & mill out CIBP @ 7301' w/ air/mist. TIH, tag up @ 7526.60'. RD & Stand back pwr swivel. PU & Pull mill up above top perfs to 4659'. Install TIW valve in tbg, SISW, SDFD.

3/24/2019 BDW. TIH w/ mill & tbg to 7526.60" w/ no fill. Break circ & Mill out hard fill & junk from 7526.60'-7579' (PBDT) w/ air/mist. RD pwr swivel, TOOH w/ tbg, LD junk mill. TIH w/ tbg, tag 7" fill from 7572'-7579' (PBDT). Break circ & CO 7' fill w/ air/mist. PU above perf's, install TIW valve in tbg. SISW, SDFD.

3/25/2018 BDW, TIH w/ mill & tbg. Tag 52' fill from 7536'-7588'. Break circ & CO 52' fill w/ air/mist. Dry up well. Land 240 jst 2-3/8", 4.7# J-55 tbg @ 7521 w/ top of SN @ 7519'. ND BOP stack & kill spool, NU tree & plunger catcher. RDRR @ 17:00 hrs.

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

Well will be a MV/DK commingled per DHC-4003-AZ