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Form 3160-5
(August 2007)

NMOCD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

5. Lease Serial No.

NMSF-078060-A

6. If Indian, Allottee or Tribe Name

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

382 Road 3100, Aztec, NM 87410

3b. Phone No. (include area code)

505-599-3400

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

8. Well Name and No.

Huerfano Unit 205

9. API Well No.

30-045-20649

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

Surface

Unit J (NWSE), 1850' FSL & 1850' FEL, Sec. 28, T26N, R09W

10. Field and Pool or Exploratory Area

Ballard Pictured Cliffs / Basin Dakota

11. Country or Parish, State

San Juan County New Mexico

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

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

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 recomplete 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 recompletion 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.)

Hilcorp Energy recompleted the above well to the Ballard Pictured Cliffs as follows:

6/20/2018 MIRU BW 104. ND WH. NU BOP. PT BOP. Test-OK. TIH & tag for fill @ 6592' (no fill). LD & tag jts. SDFN.

6/21/2018 PU scraper, tally & TIH w/tbg & scraper to 4810'. TOH. PU & set RBP @ 4748'. Load & PT csg to 500#, test OK. RU Basin WL. Run CBL fr 4650' to surface. RD Basin WL. SDFN.

6/22/2018 Unload hole. Latch onto RBP. TOH w/tbg, LD RBP. PU BHA. Drift & TIH w/tbg. Land 207 jts 2-3/8" J-55, 6.5# tbg @ 6553' (SN @ 6552'). Rig released @ 12:00 on 6/22/18.

9/19/2018 MIRU Baywater #104. ND WH. NU BOP. PT BOP. Test-OK. RU Scan-X & equip. Scan 207 jts. 2 3/8" tbg. LD 170 bad jts. RD Scan-X. RU Basin WL. RIH & set CIBP @ 6382'. POOH. Load & psi test csg to 500#, test OK. Set CIBP @ 2137'. RD Basin WL. Psi test csg to CIBP @ 2137' to 600#, test OK. BDW. SDFN.

9/20/2018 RU lubricator, swab back fluid to 1842'. RD lubricator. ND BO, NU completion spool, NU BOP. RU Basin WL. Perf PC w/138 shots @ 6 SPF, 0.42" diam gun from 1989' - 2012' = 138 holes. RD Basin WL. PU 2-3/8" frac packer. Tally & PU 59 jts 2-7/8" frac string. Set packer @ 1874'. Land tbg w/5000# on packer. PT 2-7/8" x 4-1/2" annulus to 500#, test OK. NU frac stack. SIW & SDFN. Con't Page 2...

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

Cherylene Weston

Title Operations/Regulatory Technician - Sr.

Signature

Cherylene Weston

Date

11-27-18

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)

NMOCD

2

9/21/2018 RU Well Check, psi test 2-7/8" frac string to 6000#, good test, 7000#, good test & 8100#, good test. BD psi, RD Wellcheck. RU Sandline. RIH & rupture ceramic disk. POOH. Swab well. Natural flow x 30 min; no gas. SI to build up psi 1 hr. SI psi: 2 psi. RIH w/swab cups; 0 bbl recovered. Natural flow 1 hr. Swab well again; recovered 0 bbls. Report finding to Engr. **RR @ 1700 hrs on 9/21/18.**

10/30/2018 MIRU & load prime equip. Test fluid lines to 9250#. Test good. Test N2 pumps/lines to 9150#. Test good. **Frac PC from 1989'-2012'** w/ 500 gal 15% HCL acid & 21,960 foam gals 65Q slick water @ 25 BPM & 30,500# 20/40 AZ sand w/sandwedge max additive, total N2 141,296 SCF, flush w/20 fluid bbls. Recovered 251 bbls, pumped 282 slurry bbls. RD MO frac & N2 equip & Protechnics. MIRU Ideal Flowback Services. Begin flowback ops @ 1600 hrs: 16/64" choke @ 160#. 1800 hrs: 16/64" choke @ 130#. No water/sand. **Obtained verbal approval from OCD/Charlie Perrin @ 7:25 am & BLM/Jack Savage @ 10:00 am, to keep the Dakota zone isolated with a CIBP @ 6382' within 50' of top DK perf for up to 90 days. The PC zone will be produced by itself for 90-days.**

11/04/2018 Blackhawk rig repairs. Spot in & RU. SDFN.

11/05/2018 ND frac tree & BOP. CO & inspect seals. NU BOP. Big Red tested blind rams; failed test. Order another set. NU 2nd set of BOPs, low test blind rams 250# x 5 min & high test 2000# x 10 min; chart test good. MU pup jt in tbg hanger, low test pipe rams 250# & had leak off around rams & out top of BOPE. Att high test w/same results. Chg out pipe rams & retest; same results. ND 2nd set of OBPE's. NU 3rd set of BOPE's. Big Red test BOP 250# low x 5 min & 2000# high x 10 min; good test. Weatherford released packer, pull tbg hanger. Csg on vacuum. Attempt to dry rod 2-way check out, tbg had psi. RU lubricator, not able to equalize psi in lubricator unplugged needle valve. Killed tbg w/ 10 bbl water. TOH LD 59 jts 2-7/8" tbg. SDFN.

11/06/2018 Tally 2-3/8" 4.7# J-55 tbg & TIH w/ 3-7/8" junk mill. Tag fill @ 2118'. Est circ with air/mist @ 360#. CO 19' fill 2118' to CIBP @ 2137'. Circ til sand returns down to tbsp/5 gals. Circ air only, rets tbsp. sand in 5 gals. Monitor well, no fluid. Open well to tank on 3" line, made 2.25 bbls. TOH w/ junk mill. TIH w/29 stds 2-3/8" tbg, well start flowing up tbg. Kill tbg w/15 bbl FW. MU RBP, set plug 55' in CIBP @ 2137'. Load csg, test plug 500#, plug held. Circ til sand returns minimal. Bypass air, TOH w/mill. TIH w/BHA, hang tbg off bottom of RBP to isolate BOPE. ND BOPE & recompletion spool. NU BOP & test to 500#. Release RBP & POOH. EOT @ 1889'. Circ w/air & unload 12 bbls water, cont circ w/air & monitor fluid returns. SDFN.

11/07/2018 Current depth @ 1889'. TIH & tag 2137' (no fill). PU to 2137'. Circ w/air only & unload 18.5 bbls water. Cont circ ½ hr for 4.5 bbls water. LD 5 jts, **land 63 jts 2-3/8", 4.7#, J-55 tubing @ 2001'** (SN @ 2000'). RD floor, ND BOP. Cont cleanout, recovered 166 bbls fluids. SDFN.

11/08/2018 Continue flowback. Open tubing to bypass on separator; blew down. RD rig. Open tbg to FB tank. Inj air down csg @ 210#, unload fluid up tbg. Spot in High Tech Air Unit. Cont poor boy gas lift well w/ 3-400 CFM air @ 250# for 2 hrs. Fluid returns stopped.

11/09/2018 Open tbg to tank & monitor for flow; no flow. Est. inj rate 300 CFM air down csg @ 180#, unload 24.75 bbls water up tbg, light gas show. Repeated process same results. Circ air down tbg & returns up csg; unload fluid. Bypass air, flow well up csg to tank, made light gas and slugs of water. SIW, SDFN.

11/12/2018 Cont flowback; SITP 65#. Blow down to tank, no flow. SICP 190#. BD to tank again; no flow. Inj air down csg 180#. Est 300-400 CFM air & unload water up tbg to tank. Unloaded bypass air & monitor tbg for flow. Repeat process w/same results. Recovered total 36 bbls of 40 bbls pumped. SDFN.

The Dakota is isolated by a CIBP @ 6382' and will be drilled out after 90-days, per BLM/OCD approval. The well will be downhole commingled per DHC-4065AZ at a later date when the DK CIBP is drilled out.