

NMOC

DEC 04 2018

DISTRICT III

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

RECEIVED

NOV 13 2018

NMSF-046563

Farmingington Field Office  
Bureau of Land ManagementForm 3160-5  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**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

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

Surface Unit I (NESE), 2355' FSL &amp; 855' FEL, Sec. 33, T28N, R10W

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Fred Feasel H 1G

9. API Well No.

30-045-34389

10. Field and Pool or Exploratory Area

Basin Dakota

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

☐ 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 **DK Payadd**

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.)

Hilcorp Energy Company performed a Dakota Payadd per the following:

**10/1/2018** - MIRU BW #104. ND WH. NU BOP. PT BOP. Test-OK. Att to unseat AS1X packer @ 6638' 3x with on/off tool. Rel on/off tool, decision made to abandon packer in hole. RU Scan X. Scan tbg. RD Scan-X. RU Basin WL. RIH & set **5.5" CBP @ 6630'**. RD Basin WL. PT csg to 2000#, test ok. SIW & SDFN.

**10/2/2018** - RD floor, ND BOP, NU frac tree. RU Antelope; PT 5.5" csg, leaks on surf @ 500#; bleed off psi. Re-test csg 500#, no surface leaks. Psi up to 1500#, 3000# w/no leak off. 3800# drop to 1750#. Monitor: 600# in 12 min, back to 2000# w/rig pump. Pump into leak & monitor: 900# loss/9 min. ND frac valve & NU BOP. Pump into csg leak .5-1 BPM @ 1800#, SD pump & record on chart: 30 min 575# loss, 1 hr 600# loss, 1.5 hr 950# loss, 1.75 hrs 1000# loss. PU & TIH w/packer. Tag CIBP @ 6630'. Set pkr @ **6600'**. Test CIBP 2075# x 10 min; no leak off; good test. Set pkr @ **6397'**. PT csg above pkr .5-1 BPM @ 1800#, SD pump, ISDP 1725#, 8 min 1250#. Bleed off psi. Iso-late casing leak w/Retrievematic packer @ 4257'-4290'. PU to 4224'. Notify Engineer 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

11-13-18

## 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)

NMOC

**10/3/2018** Set packer @ 4224'. Unable to est inj rate due to slow leak off. Psi up 1800#. Est inj rate of .75 BPM @ 1800#. Leaked off. Report results to Engineer. TOH & unset packer. Wait on regulatory.

**Obtained verbal approval @ 12:52 pm from NMOCD/Brandon Powell & 2 pm from BLM/Chip Harraden to run balanced cement plug & squeeze casing leak @ 4257'-4290' on 10/4/18. OCD COA - run MIT after balanced plug. SDFN.**

**10/4/2018** MIRU Drake Energy Services. PT lines 3500#, good test. Bleed off psi. Est circ 1.5 BPM @ 130#, est circ 1.2 BPM @ 1900# w/5bbls water. Spot 50 sx balanced plug (12 bbls) fr 4320' - 3805', type 3 cmt w/ .1% FL 1.37 yld @ 14.6 ppg. Displace w/14 bbl freshwater, 3 BPM @ 120#. Est rev circ 2.8 BPM @ 225#; total 30 bbls, circ out .25 bbls. SI csg, pump dwn tbg .3 BPM @ 2500#, total 2.25 bbls displaced. SD for 15 min, psi @ 2340' back to 2500#, SD for 15 min, psi @ 2475' (#25 loss). RD Drake. WOC. SDFN.

**10/5/2018** TOH. Tag TOC @ 3994'. PU swivel, DO cement fr 3994' - 4320'. LD swivel. RU Well Check, run MIT on csg (good test). RD Well Check. **Test witnessed by John Durham, NMOCD.** SIW, SDFN.

**10/8/2018** Cont LD tbg. ND BOP, NU Compl spool, NU BOP. RU Basin WL. **Perf Dakota w/48 shots, 0.29" diam, 1 SPF @ 6580'-6574', 6558'-6548', 6532'-6526', 6522'-6512', 6456'-6450', 6430'-6420' = 48 holes.** RD Basin WL. SDFN.

**10/9/2018** Cont tally & PU 3.5" frac string. Set packer & land frac string. PSI test csg to 500#, good test. Bleed down to 200#. NU frac stack. Att to psi test frac stack/string; test failed. ND stack & psi test string; tested good. Inspect hanger threads; looked good. NU BOP, RU floor. SIW & SDFN.

**10/10/2018** RU lubricator & sand line. RIH & punch hole in disc. POOH & RD lubricator. TOOH. TIH & hydrotest every stand to 8000#. Found collar leaks on jts 142 & 146. SDFN.

**10/11/2018** RU Wilson Services & finish hydrotest every stand to 8000#. Found collar leaks on jts 147 & 148. Set packer @ 6370' & land frac string. Psi test tbg hanger, ND BOP, NU frac stack & psi test 7000#/5 min, 7500#/5 min & 8000#/30 min. RU lubricator & sand line, punch out ceramic disc. RDMO. RR @ 1300 hrs. (W/O frac)

**11/01/2018** MIRU Halliburton. Test fluid lines to 9150#, test good. Test N2 lines to 9250#, test good. **Frac DK from 6420'-6580'** w/500 gals 15% HCL acid, 160,860 foam gals of 70Q slick water @ 40-60 BPM, 100,300# 20/40 AZ sand, total N2 2.76 SCF, flush w/155 fluid bbls. Recovered 1,347 clean bbls, pumped 1,450 slurry bbls. SI, secure well. RD frac & N2 equip.

**11/03/2018** Finish RDMO Halliburton frac & N2 equip. RU Ideal Flowback Services. Begin flowback ops @ 1030 hrs: 20/64" choke @ 280#.

**11/07/2018** MIRU AWS #840. SDFD.

**11/08/2018** Pull frac head, install 2-way check in tbg hanger. ND master valve & NU BOP. Test & chart blind/pipe rams 250# low/1800# high. Unset frac pkr. Bleed down tbg psi to FB tank. Kill tbg w/40 bbls treated FW. Pull tbg hanger, POOH LD 203 jts 3.5" tbg & frac packer. SDFN.

**11/09/2018** PU & GIH w/exp. check, 2-3/8" SN & 202 jts 2-3/8" prod tbg. Tagged 70' fill @ 6560'. Break circ w/1150 CFM air, 12 BPH mist. CO sand from 6560'-6630'. Circ hole clean. Land **199 jts 2-3/8", 4.7#, J-55 tubing @ 6545' (SN @ 6544'), new PBSD @ 6630'.** Psi test tbg to 600#, held ok. RDMO @ 1730 hrs.



60/0 HHCORP  
BW 104  
API# 30-045-34389

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