

NMOCD

DEC 20 2018

DISTRICT III

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

DEC 13 2018

Farmington Field Office
Bureau of Land ManagementFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

5. Lease Serial No.

NMSF079617

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.

Huerfano Unit

8. Well Name and No.

Huerfano Unit 179E

9. API Well No.

30-045-26672

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

Surface Unit K (NESW) 1660' FSL & 1830' FWL, Sec. 14, T26N, R10W

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	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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Bradenhead Repair
	<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 recomple 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 recomple 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.)

Reference; RBDMS MPK1830240437 - NMOCD directive to initiate remedial activity before January 29, 2019.

11/28/2018 MIRU. BDW. ND upper tree & NU BOPE. PT BOPE rams. Test-good. TIH & set 4.5" pkr @ 37'. PT cgs to 500# x 15 min, test-good. No psi on BH. RU Big Red. PT wellhead slip seals to 1500# x 30 min, test-good. 2# on BH. RD Big Red. SI well & BH for 34 min. BH psi up to 8#, BD BH. TIH & reset pkr @ 520'. Load csg & PT from 520' - surface to 500# x 30 min, test-good. BH psi TSTM. TOH & LD pkr. RU Scan X, scan 72 jts 2-3/8" prod tbg. SISW, SDFD.

11/29/2018 Took csg & BH gas samples. BDW. Load BH w/12 bbl water, psi up 100#, lost 5# in 2.5 min. Psi stabilized @ 95#. PU & TIH w/ 3-7/8" string mill, 1 jt 2-3/8" tbg, pup jt to 3850'. TOH LD string mill. TIH w/ 4-1/2" RBP set @ 2425' & load hole w/35 bbl 2% KCL water. Set 4-1/2" EA pkr @ 2380'. PT pkr from 2380' - surface to 500#, lost 50# in 1 min. Pump dn tbg & PT across DV tool from 2380'-2425' to 520#, test-good. PU pkr to 1998'. SDFN.

11/30/2018 Set pkr @ 1996'. PT csg 1996'-surface to 500#. Lost 100# in 1 min. Pump down tbg & PT 4-1/2" csg from 1996'-2419' (top of RBP) to 500#, test good. TOH & LD 4-1/2" EA pkr. TIH w/ 4-1/2" FB tension pkr & set @ 1038'. PT csg from 1038'-surface to 500#, test good. RIH & set pkr @ 790'. PT csg to 500#, test-good. RIH to 8619', PT csg from 819'-surface to 500#, lost 100# in 1 min. Pump dn tbg & PT csg from 819'-2419' to 500#, test good. Isolate csg leak from 790'-819'. 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

12/13/18

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.

Huerfano Unit 179E - Bradenhead Repair

API#: 30-045-26672

Con't....

11/30/2018 HEC notified OCD/BLM that source of BH psi is a hole in 5-1/2" csg @ 790'-819'. **Verbal approval obtained from NMOCD/BLM at 1:54 pm to set CIBP below squeeze interval & perf squeeze hole @ 819' and run 100 sx or more of cement to surface.** Psi up to 1250# w/no inj rate. Lost 1000# in 3 min. TOH & LD tension pkr. PU & TIH w/retrieving head & release RBP @ 2419'. Open bypass & equalize RBP. TOH w/ 2-3/8" tbg & LD 4-1/2" RBP. PU & TIH w/Select Oil Tool **4-1/2" CIBP & set @ 875'**. TIH & set pkr @ 853'. PT CIBP to 600# x 15 min, good test. TOH & LD pkr. Close & lock blind rams. SDFW.

12/03/2018 RU Basin WL & shoot a .50" squeeze hole @ 819'. TIH & set **4-1/2" pkr @ 790'**. Est inj rate through squeeze hole @ 819', 2.0 BPM – 800# & 2.4 BPM @ 1200#, pumped 36 bbl water, no circ thru BH. Rel pkr. PU & TIH with **4-1/2" CR set @ 751'**. PT CR to 1000#, good test. RU Drake Cementers. PT pump & lines to 2500#, good test. Est inj rate: 1.6 BPM @ 900#, mix & **pump 351 sx class G cement @ 15.8 PPG dn csg & out squeeze hole @ 819'**. No returns from BH to surface. Sting out CR 10' & reverse circ out 1 bbl cement. TOH & LD stinger. RD Drake cement equipment. SDFN. **WOC.**

12/04/2018. WOC.

12/05/2018 PU & TIH w/ 3-7/8" junk mill assembly. Tag 12' soft cement on top of CR from 739' to 751'. RU High Tech air foam unit. Break circ w/1200 CFM air & 13 BPH foam mist. MO 6' soft cement fr 739'-745'. Decision made to WOC one more day. SDFN. **WOC.**

12/06/2018 PU & TIH w/ 3-7/8" junk mill assembly. Tag hard cement on top of CR from 745'-751'. RU High Tech air unit. Break circ w/1200 CFM air & 13 BPH foam mist. MO 6' cement from 745'-751'. MO CR & hard cement from 751'-875' (top of CIBP). Circ hole clean, load hole w/2% KCL water & PT squeeze hole @ 819' to 560# for 20 min, test good. RU Well Check & PT squeeze hole to 560#, lost 20# in 15 min. Repeat w/same results. Psi up down csg w/rig pump to 560#, lost 40# in 15 min. Leveled off @ 520# in 15 min. PT down tbg at 560# for 30 min on chart, test good. RD Well Check. Secure well. SDFN.

12/07/2018 RU Well Check. PT squeeze hole @ 819' to 560# for 30 min on chart (MIT) w/ **NMOCD Rep, Thomas Vermersch as witness.** Good test. **Ran BH test, good test. MO CIBP @ 875'** w/1200 CFM air & mist. PU, strap & rabbit in hole w/ mill & tbg. Tag up @ 6843' (PBSD). TOH & LD junk mill. SDFW.

12/10/2018 BD csg to FB tank. **Land 212 jts 2-3/8", 4.7#, J-55 prod tubing @ 6766.86' (SN @ 6764.86').** ND BOP stack & kill spool, NU WH, pump 3-bbls water down tbg. RU High Tech foam unit, pump out exp check w/1200 CFM air @ 1100#, psi dropped to 600#, dry up well w/1200 CFM air. **Rig released @ 1200 hrs on 12/10/2018.**

API # 104
30-045-26672

55

5

20

25

30

35



12-07-18

CHART NO. MC MP-1000-1HR

METER *WELLCHECK*
OF FARMINGTON

TAKEN OFF *[Signature]*

CHART PUT ON

LOCATION *HUERFANO UNIT #179E*

REMARKS *2016 INC. MIT CASING*
OFFICIAL

*Passed 12-7-18
Turns Verifiable*