

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

RECEIVED

AUG 03 2018

NMSF-079298-B

**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 A (NENE), 990' FNL & 890' FEL, Sec. 12, T27N, R07W

5. Lease Serial No.

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 128

9. API Well No.

30-039-82375

10. Field and Pool or Exploratory Area

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			
<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 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.)

The subject well was re-completed to the MV per the attached operations summary. NOI approval was obtained to conduct a 6-month Menefee only test. The decision was made to not conduct the Menefee test and to perf all MV zones.

ACCEPTED FOR RECORD

AUG 06 2018

FARMINGTON FIELD OFFICE

By:

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

8-3-18

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.

NMOCD

**5/21/2018** MIRU Baywater 102. RU, lay pump & flowline. SI well. SDFN.

**5/22 – 5/23/2018** RU Expert Slickline. ND WH. NU BOP. PT BOP. Test-OK. RU Tuboscope, scan tbg. LD entire 2-3/8" tbg string. PU 3-7/8" string mill, TIH PU tbg, tag tight casing @ 7322'. Ream out tight casing from 7322'-7326' to 7390'. TOH, PU CBP, tag up @ 19'. DL plug, PU fullbore packer. Push pkr thru tight spot. Decision to run plugs on WL. SDFN.

**5/24 - 5/25/2018** RU Basin WL, run 4.5" gauge ring to 7500'. RIH & **set CBP @ 7386'**. RIH, set 2<sup>nd</sup> **CIBP @ 5395'**. Set **packer @ 5390'**. Psi test CIBP 1150#, good test. Circ bottoms up to psi test csg to 500# 15 min-good test. TOH w/packer. RU Basin WL, run CBL. No cement fr 3350' – 5100'; good cement 5100' – 5380'. CBL sent into OCD & BLM. SDFN.

**5/29/2018** Verbal apvl obtained from BLM (William Tambekau) and OCD (Brandon Powell) to run **suicide squeeze & keep holes open**. RIH w/ perf gun, shoot 2 - 0.34 dia. squeeze holes @ 5000' and 4500' (will count as MV perfs). RIH set **CR @ 4950'**. RD WL unit. Sting into CR, pump 24 bbl water @ 800#, no returns. Pump 15 bbl down csg and add'l 11 bbls @ 600#, holding 400#. Report to Engineer & Regulatory. Bleed off psi, sting out of CR, TOH. RU Basin WL, RIH, shoot 2 squeeze holes @ 4750'. POH. RIH set **CR @ 4690'**. RD Basin WL. NU Washington head. SDFN.

**5/30-5/31/2018** Sting into CR with 15 bbl water. Att to circ down tbg, psi up to 1000#. Att to reverse circ, psi up to 500#. Several attempts made. PU junk mill & TIH, PU swivel & DO CR @ 4690'. Chase CR to 4799'. Cont circ perfs, very little sand in returns. TOH w/tbg. PU compression set pkr & set **pkp @ 4538'**. Att to circ., alternately pump down tbg & csg. Unseat pkr, TOH & LD pkr. Circ hole clean. SDFN.

**6/01/2018** TIH 7 stds to 4750', circ well clean w/ 98 bbl. ND Washington head, NU pack off flange. RU Basin Perforation, RIH w/**CR @ 4685'**. RD Basin. Circ above CR, sting into CR. Spot & RU cementers, PT lines to 3000#. Est inj rate @# 2 BPM @ 556#. Batch mix 148 sx class "G" neat cmt & pump. Good circ throughout. Displace w/18.1 bbl water. **Sting out CR & pull 7 stds & pup jts**. Reverse out 25 bbls @ 4215', recover .25 bbl cement. SDFWE.

6/04-6/05/2018 Psi test csg 500# for 15 min. Good test. TIH tag cmt @ 4608'. PU swivel, **DO cement 4608'-4685', DO retainer 4685'-4687', DO cmt 4687'-4762'. DO retainer @ 4950'**, PU 13 jts tbg, **DO CIBP @ 5395'**. Chase plug to 5700'. TOH 10 stds. SDFN.

**6/06/2018**. PU & **set RBP @ 4965'**. Psi test csg/RBP 500# for 15 min-good test. RU Basin WL, run post squeeze CBL 4954' - surface. **Rel RBP**. RD Basin WL. TOH & SDFN. CBL log sent to Reg Agencies. **Obtained verbal approval from BLM (William Tambekau) and OCD (Brandon Powell) to proceed with MV Recomplete.**

**6/07/2018** MIRU Basin Wireline, RIH set **CIBP @ 5709'**, RD Basin. PU packer, TIH, set **packer @ 5703'**. Psi test CIBP 1200#, good test. RIH w/ 70 shot select fire gun, 2 runs: **Perf Point Lookout @ 5406', 5410', 5416', 5432', 5442', 5460', 5468', 5484', 5494', 5503', 5520', 5527', 5541', 5556', 5586', 5596', 5615', 5632', 5650', 5657'** w/1 SPF = 20 shots total @ .34 diameter holes. **Perf Menefee @ 5070', 5072', 5092', 5100', 5110', 5119', 5123', 5142', 5148', 5158', 5171', 5181', 5187', 5195', 5209', 5213', 5220', 5228',**

5238', 5250', 5262', 5271', 5291', 5299', 5322', 5326', 5336', 5346', 5357' w/1 SPF = 29 shots total @ .34 diameter holes. **Perf Cliffhouse @ 4840', 4846', 4861', 4867', 4877', 4906', 4913', 4917', 4933', 4945', 4952', 4955', 4960', 4971', 4985', 4995', 5003', 5015', 5027', 5034', 5048'** w/1 SPF w/21 holes @ .34 diameter holes. RD Basin WL. PU fullbore pkr, XN nipple, test plug in place, TIH, PU 2 7/8" frac string. SDFN.

**6/8/2018** Finish TIH w/pkr, XN nipple, **set pkr @ 4773'**. Psi test line to 8000# for 30 min-good test. Completion spool & frac valve installed. RR @ 630 pm.

**6/20/2018** MIRU BH #37. RU Service unit & equip. Blow down well to FB tank. MIRU Antelope. ND upper frac stack assy, NU BOP, test BOP; good test.

**6/21/2018** Service & start rig. Open well to FB tank. Unset frac pkr @ 4766'. Att to reset frac pkr @ 4649'; unable due to all rubber elements missing. MU 2<sup>nd</sup> set frac pkr assembly. Land 2-7/8" tbg @ 4653.95', ND BOP assy, NU frac stack. Load, psi test frac stack, frac pkr & 2-7/8" frac string 8100#, good test. MIRU Expert Slickline. RIH & puncture disk, RIH retrieving tool & pull plug from XN nipple. RDMO.

**7/16/2018** MIRU Halliburton. Test frac & N2 lines to 9500#, good test. **Frac Pt. Lookout, Menefee and Cliffhouse** w/ 223,130 gal 70Q 20# gel foam at 30-35 BPM, 20 RCN balls & 292,800# 20/40 AZ sand, 2.8M SCF N2, flush 30 fluid bbls. RD frac & N2 equip.

**7/17 – 7/18/2018** RU BH #37. RU, lay pump & flowline, SI well. Flowback well 12 hrs. ND frac stack, NU BOPE, change out tbg float, pipe rams and handling tools for 2-3/8" tbg. Test BOPE 250# low and 2000# high, good test. Release pkr. Finish TOH PU 2-7/8" frac string. Chg out tools for 2-3/8" tbg. SDFN.

**7/19-7/20/2018** Tag 294' sand @ 5415'. RU power swivel. Est circ w/air/mist 1350 CFM air, 8 bbl water w/1 gal foamer & inhibitor per hr. CO frac sand 5415'-5709', **drill CIBP @ 5709'**. Flow test MV: 360 Mcfd. TIH PU 2-3/8" tbg. Tag CBP @ 7384'. TOH above perfs @ 4840'. TIH, tag CBP @ 7384'. PU swivel, est circ w/ air & mist @ 1350 CFM, 8 bbl water w/ 1 gal each foamer & inhibitor, per hr. **DO CBP** w/ junk fr 2 CRs w/CIBP on top. Tag junk/fill @ 7580'. Repeat circ. Mill junk on top of fill @ 7580'. Recover 110 bbl water from frac. TOH above perfs to 7436'. SDFN.

**7/21/2018** Land **232 jts. 2-3/8" 4.7# J-55 tbg set @ 7556'**. PBTD @ 7640'. RD floor, ND BOP, NU WH. SI & secure well. Rig released @ 2100 hrs on 7/21/2018.

This well is now producing as a commingled MV/DK well per DHC #4015AZ. Waiting on RC C-104 approval.