

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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.*

5. Lease Serial No.  
**AUG 08 NMSF079522**

6. If Indian, Allottee or Tribe Name

*SUBMIT IN TRIPLICATE - Other instructions on page 2.*

1. Type of Well  
 Oil Well  Gas Well  Other

7. If Unit of CA/Agreement, Name and/or No.  
**San Juan 28-5 Unit**

8. Well Name and No.  
**San Juan 28-5 Unit 68**

2. Name of Operator  
**Hilcorp Energy Company**

9. API Well No.  
**30-039-20064**

3a. Address  
**382 Road 3100, Aztec, NM 87410**

3b. Phone No. (include area code)  
**505-599-3400**

10. Field and Pool or Exploratory Area  
**Blanco Mesaverde/Basin Dakota**

4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*)  
**Surface Unit M (SWSW) 965'FSL & 890' FWL, Sec. 33, T28N, R05W**

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.)

See attached.

**ACCEPTED FOR RECORD**

**AUG 20 2018**

**FARMINGTON FIELD OFFICE**

By: \_\_\_\_\_

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

**Etta Trujillo**

Title **Operations/Regulatory Technician - Sr.**

Signature

*Etta Trujillo*

Date

**8-7-18**

**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.

7/4/2018 – MIRU. ND B-2. NU BOP stack. Test rams. SIW. SDFN.

7/5/2018 – Pull hanger. Tag 20' of fill @ 7850' (PBSD & fish @ 7870'). TOOH w/tbg. TIH w/4.5" csg scraper to 6290'. TOOH w/scraper. TIH w/4.5" CIBP set @ 6200'. Roll well clean w/100bbbls. Test csg to 560#, 15min. Good test. TOOH w/setting tool. SIW. SDFN.

7/6/2018 – RU WL. Run CBL f/6200' to surface (TOC @ 4701'). Notified William (BLM) and Charlie Perrin (OCD) – Request permission to set another CIBP @ 5850' & Pkr @ 5200'. COA – Run tracer. Verbal approval received. RD WL. TIH w/CIBP @ 5850' to protect csg under frac. TOOH w/setting tool. SIW. SDFN.

7/7/2018 – ND BOP cap. NU pack off. RU WL. Perf'd Point Lookout, top Menefee, top CliffHouse @ 5811, 5810, 5798, 5781, 5780, 5769, 5768, 5747, 5746, 5737, 5726, 5725, 5720, 5719, 5718, 5709, 5708, 5695, 5694, 5685, 5684, 5671, 5652, 5647, 5614, 5613, 5593, 5592, 5574, 5573, 5542, 5541, 5528, 5527, 5491, 5490, 5486, 5485, 5476, 5452, 5435, 5434, 5426, 5425, 5412, 5388, 5358, 5357, 5353, 5352, 5348, 5347, 5345, 5344, 5338, 5337, 5326, 5325, 5320, 5319, 5313, 5312, 5299, 5298, 5273, 5272, 5267, 5266, 5256, 5243', 0.34 DIA, 70 shots, 2 RUNS, 1 SPF. RD WL. ND PO. NU BOP CAP. TIH w/2-7/8" P-110 frac string / AS-1X full open pkr to 5183', ND BOP stack. SIW. SDFN.

7/8/2018 – Finish NU frac stack. Test stack & frac string to 9000#. Good test. RU WL, rupture magnum disks. RD WL. SIW. SDFN.

7/12/2018 – RU frac crew. Prime test. Foam frac'd Mesaverde w/256,260# 20/40 sand & 68,898gal slickwater & 2.67 million SCF N2. 70Q. Dropped 23 bio-balls with 1/3 and 2/3 of sand pumped. Traced by Pro-Technics. RD.

7/15/2018 – ND Frac Y. ND master valve. NU BOP stack. X/O to 2-7/8" rams. Test BOP. Good test. Pull hanger. Kill frac string w/40bbbls. Remover hanger. SDFN.

7/16/2018 – Kill frac string w/40bbbls. LD frac string. MU 3-3/4" bit. TIH, SD above CIBP due to heavy wind/rain. SIW. SDFN.

7/17/2018 – TIH & tag 105' of fill on CIBP @ 5850'. CO to CIBP. D/O CIBP. TIH to CIBP @ 6200'. D/O CIBP. TIH to DK perms. Tag top of fish @ 7870'. Drill 15' of junk down to 7885'. SIW. SDFN.

7/18/2018 – TOOH w/3-3/4" bit. ND BOP Cap. NU B-1. RU WL. Run Spectra Log. RD WL. ND B-1. NU BOP Cap. SIW. SDFN.

7/19/2018 – TIH w/RBP & set @ 5080'. Test csg to 560#. Good test. TOOH w/setting tool. TIH w/pkr to 2000'. SIW. SDFN.

7/20/2018 – Continue to TIH w/pkr & set @ 4344'. Csg test failed @ 2800#. TIH & isolate hole in csg between 4652' – 4681'. Notified William (BLM) and Brandon Powell (OCD) – Request permission to squeeze cmt w/balance plug to isolate holes. Run CBL. Verbal approval received. TOOH w/pkr. Load csg. SIW. SDFN.

7/21/2018 – TIH open ended to 4685'. Spot balanced plug f/4685' - t/4295'. Mix & pump 30sx Class G Neat cmt. Displaced w/16bbbls. TOOH. Reverse tbg clean. SIW. Hesitate squeeze w/5.5bbbls (final 420#). Monitor pressure. SIW. WOC. SDFN.

7/22/2018 – TIH w/3-3/4" bit. Tagged @ 4665'. D/O cmt to 4690'. Circ well clean. SIW. Pre-test csg to 600#. Test failed. Slow leak-off. TOOH w/bit. RU WL. Run CBL from RBP @ 5080' to 3550'. SIW. SDFN.

7/23/2018 – TIH w/setting tool. Tag 85' of fill on RBP. CO to RBP 5080'. Recovering 2 cups gravel. TOOH. SIW. SDFN. Notified Brandon Powell (OCD) – Request permission to pump suicide sqz. Verbal approval received.

7/24/2018 – TIH & tag RBP @ 5080' (no fill). Circ csg clean. Unload well. TOOH RBP. TIH & set CIBP @ 5080'. Load well. SIW. SDFN.

7/25/2018 – TIH w/4.5" CIBP & set @ 4230'. SIW & test csg to 600#. Good test. TOOH w/stinger. RU WL. Perf'd squeeze holes @ 4200' & 4100'. RD WL. SIW. SDFN.

7/26/2017 – TIH w/pkr to 4160'. Attempt to reverse circulate. TOOH w/pkr. TIH w/CICR & set @ 4170'. Cont w/sqz. Pump 5bbls ahead to confirm rate w/bump. **Mix and pump 41sx Class G Neat.** TOOH to 3500'. SIW. SDFN.

7/27/2018 – TIH w/3-3/4" bit. Tag TOC @ 4070. Swivel up. D/O cmt to CICR @ 4170'. SIW. Test sqz hole. Test failed w/500#. TOOH w/bit. TIH open ended to 4130'. **Notified Charlie Perrin (OCD) – Request permission to sqz hole, D/O top sqz holes only. COA – PT, Run CBL, MIT. Verbal approval received.** RU cmt crew. **Mix & pump 32sx Class G Neat cmt as a balance plug.** TOOH to 3500'. Reverse circ. SIW. Attempt to hesitate psi. cmt locked up, 1/4bbls pumped, max 500#, held solid. BD to 100#. SIW. SDFN.

7/28/2018 – TOOH w/tbg. TIH w/3-3/4" bit. Tag TOC @ 3839'. SIW. Pretest 600#. Good test. D/O cmt to 4130'/fall out. Circ well clean. SIW. Pretest csg to 600#. Good test. SIW. SDFN.

7/30/2018 – Perform **MIT test w/OCD witness (Thomas Vermersch)** see attached chart. Cont to D/O CICR @ 4170'. Bit wear. TOOH w/bit. TIH w/new bit. D/O CICR. Unable to D/O plug. SIW. SDFN.

7/31/2018 – TOOH w/3-3/4" bit. TIH w/3-7/8" junk mill. Tag @ 4070'. Circ to 4170'. Mill out plug remains & cmt to 4210'. Tag & mill out CIBP @ 4230'. TIH to CIBP @ 5080'. TOOH w/mill. SIW. SDFN.

8/1/2018 – RU WL. **Run CBL from 5080' to surface. Notified Charlie Perrin and Brandon Powell (OCD) – Verbal approval received to include MV perfs @ 4200' & 4652' – 4681'.** TIH w/3-3/4" bit, mill out plug remains & CIBP @ 5080'. TIH tag 25' of fill @ 7860'. Clean out to new PBTD @ 7885'.

8/2/2018 – TOOH w/bit. MU pro BHA. **TIH & land 250jts 2-3/8" 4.7# J-55 @ 7819', SN @ 7817'.** ND BOP stack. NU B-2. Test tbg to 500#. Good test. RD & release unit.

**Well is now producing as MesaVerde/Dakota commingle under DHC 4027AZ**

60 Hilcor  
800 33-0284-003  
APZ 30-039-20064

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Graphic Controls

7-30-2018  
CHART NO. MC MP-1000-IHR  
well check  
of  
METER *Pennington*

*H. Hill*

CHART PUT ON \_\_\_\_\_ M TAKEN OFF \_\_\_\_\_ M  
LOCATION *San Juan 28-5 Unit 068*

REMARKS *1 lb - 100 lbs  
line = 20,000*

*Thomas Amersch  
7-30-18  
NMD*

