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Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Farmington Field Office  
Bureau of Land Management

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

5. Lease Serial No. **SF-081085**

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

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

8. Well Name and No.  
**Tidewater Federal 1**

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

9. API Well No.  
**30-045-08610**

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 D (NWNW) 790' FNL & 790' FWL, Sec. 12, T29N, R11W**

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 <i>BP</i>	<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 recomplate 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.)

**12/21/18** MIRU, ND WH, NU BOP stack & kill spool. Un-seat tbg hngr. Scan tbg. TIH w/ junk mill, string mill, sub & tbg to 312'. SISW, SDFD.

**12/26/18** TIH w/ junk mill, string mill & tbg. Tag up @ 6585'. Push mill down to 6589'. TOOH, L/D mills. Set **CIBP @ 6515'**. SISW, SDFD.

**12/27/18** TOOH w/ tbg & L/D stinger. RU WRLN & run CBL from 6515' surface w/ 500 psi. TIH, set **CIBP @ 4750'**. SISW, SDFD. Submitted CBL to OCD as per COAs, recv'd verbal permission from Brandon Powell to perf w/ top interval @ 4091' and bottom perf @ 4633' w/ COA to run & submit a tracer log.

**12/28/18** Set Test pkr @ 4740' & PT CIBP @ 4750' to 1700 psi for 15 min (test good). Rel pkr & TOOH. ND tbg head, NU new tbg head, NU BOP stack & kill spool. SISW, SDFD.

ACCEPTED FOR RECORD  
FEB 06 2019  
FARMINGTON FIELD OFFICE  
By: *[Signature]*

Continue on page 2.

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

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

Signature *Christine Brock*

Date **2/1/19**  
NMOCD

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

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**12/29/18** ND tbg head & BOP stack. Weld on csg stub. NU tbg head & BOP stack. PT tbg head seals to 2500 psi (test good). PT csg from 4750' to surface to 570 psi (test good). RU WRLN. **Perf Mesaverde** w/ .34" diam, 1 spf @ 4091', 4096', 4105', 4149', 4151' 4161' 4163' 4248' 4252' 4271' 4274' 4288' 4304' 4335' 4337' 4356' 4358' 4457' 4464' 4469' 4472' 4479' 4496' 4498' 4510' 4512' 4526' 4531' 4554' 4590' 4602' 4612' 4620' 4622' & 4633' = **35 holes**. RD WRLN PU broach & TIH w/ WRLN re-entry guide, press disc sub, frac pkr, tbg & frac string to 2446'. SISW, SDFD.

**12/30/18** Load tbg w/ wtr while TIH w/ WRLN re-entry guide, press disc sub, frac pkr, tbg, frac string, tbg hanger, set pkr @ 3888.75'. Land frac string @ 3890.42" in 18k compression. ND BOP stack & kill spool. NU frac valve. PT tbg hngr seal to 2500 psi (test good). RU wellcheck, PT frac string to 8100 psi on chart for 30 min. (test good). PT csg from top of frac pkr to surface to 500 psi for 15 min (test good). RD wellcheck. RU Slickline & RIH w/ k-bars & knock out discs below pkr. RD. SISW, SDFD.

**1/22/19** RU Frac equipment. Test frac & N2 lines to 9200 psi (test good). Frac the Point Lookout & Menefee zones w/ 228,598 gals of 70Q slick foam, 2,000 gals 15% HCL, 299,540 #'s of 20/40 AZ sand, ran 15 RCN balls. 2,598,800 scf N2, Flush 26 foam bbls. SISW, Rig down frac & N2 equipment.

**1/23/19** RU FB. FB well. Conduct flow test. RD and release FB.

**1/24/19** MIRU Blkhwk 37. Set 2-way check in tbg hngr. ND frac stack. NU BOP, spacer spool & Washington stripper head. Chart & PT blind & pipe rams to 250 psi (low) & 2000 psi (high), tests good. Unset frac pkr & pull tbg hngr to floor. Strip out 2-way check. POOH laying down tbg & frac pkr. SISW, SDFD.

**1/25/19** BDW. Kill csg w/ H2O. MU twister bit, sub & float on 1-jt of tbg. TIH, Tag fill @ 4600'. **DO CIBP @ 4750'**. Drop dn to 4760' & circ hole clean. TIH picking up tbg to 651'. POOH to 4050'. SISW, SDFD.

**1/26/19** BDW. TIH fr above MV perfs & tag up @ 6450'. PU swivel & break circ w/ air/mist. C/O to top of CIBP @ 6515'. **DO CIBP @ 6515'**, circ hole clean @ 6535'. Continue in hole, tag fill on bottom @ 6710'. C/O to 6720' (PBSD). Pull up to 6710' & cir hole clean. POOH, MU exp chk & 2-3/8"X1.7" SSN on bottom of 1-jt tbg. Broach 40- stands in hole. SISW, SDFD.

**1/27/19** BDW. Continue drifting 2-3/8" production tbg in hole. Tag up @ 6885' (35' fill). PU tbg swivel & break circ w/ air/mist. C/O sand fill from 6685'-6720' (PBSD). Circ hole clean. Pull up & **Land 204-jts, 2-3/8", 4.7#, J-55 tbg @ 6647' w/ top of SN @ 6645'**. ND BOP & NU upper tree. PT tbg to 600 psi (test good). Pump off check @ 1300 psi & circ. RDRR @ 16:00.

**This well will be producing as a MV/DK with an approved Test Allowable C-104 & is waiting on RC C-104 approval.**

**Well will be a MV/DK commingled per DHC-4860-0.**