

RECEIVED

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Farmington Field Office
Bureau of Land Management

5. Lease Serial No. **SF-079319**

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.

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
Schwerdtfeger A 5M

2. Name of Operator
Hilcorp Energy Company

9. API Well No.
30-045-11888

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 O (SWSE) 1190' FSL & 1530' FEL, Sec. 06, T27N, R08W

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 checked="" 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 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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	PAYADD - Amended
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Procedure

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.)

Hilcorp Energy Company plans to add pay to the subject well in the MesaVerde formation, downhole commingled with the Dakota formation per the attached procedure & current wellbore schematic. The DHC-1357-0 is approved. A Closed Loop system will be utilized. Interim reclamation will be performed after surface disturbing activities

Notify NMOCD 24 hrs
prior to beginning
operations

NMOCD

MAY 09 2019

DISTRICT III

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 **5/7/19**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by *[Signature]* Title **Perk Eng** Date **5/8/19**

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

3



HILCORP ENERGY COMPANY
SCHWERDTFEGER A #5M
MENEEFEE PERF ADD PROCEDURE

API #: 30-045-11888

JOB PROCEDURES

1. MIRU Service rig and associated equipment, test BOP. Check Bradenhead pressures daily and record throughout the recompleat project. Notify NMOCD and BLM if any anomalous pressures changes occur on the Bradenhead.
2. TOOH w/ 2 3/8" tubing set at 5,577'.
3. MU 4.5" CIBP and set at ~5,225' or deeper (no higher than 50' above existing perforations, which are currently located at 5,235')
4. Roll hole. RU E-line truck and equipment, MU CBL tools and RIH. Log well with a CBL from the CIBP to Surface. Submit CBL results to NMOCD and BLM. Confirm if found cement top gives adequate coverage of newly requested perforations with BLM and NMOCD. Remediate cement top if necessary to get adequate cement coverage. If remedial cement is required, keep in communication with BLM and NMOCD regarding pressure testing and path forward until coverage is accepted by both.
5. *Note: 6/6/1996 Halliburton CBL shows TOC at 5,200'. However in the well records it mentions a squeeze taking place 6/10/1996 and no follow up CBL was found online or in the well file. The new CBL will confirm what the true cement top is.*
6. Perform MIT from CBP, providing 24 hr notice to BLM and NMOCD. Once completed, review and submit the MIT charted test results to both the NMOCD and BLM If the MIT fails, discuss and gain approval with both the NMOCD and BLM with a plan of action to remediate the wellbore. Perform a 2nd MIT once remediated.
7. Once passed and all approvals are in, perforate Menefee zone from 4,630'-5,220' (This is requested interval)
8. RIH w/ frac string and packer and set packer above 4,630'.
9. ND BOP, NU frac stack. Pressure test the frac string and frac stack to maximum frac pressure. The pressure test will not exceed 85% of the internal yield pressure rating of the primary treatment string (frac string). Break ceramic disc in frac string. Well is ready to frac.
10. Frac Menefee formation from 4,630'-5,220' (This is requested interval)
11. ND the frac stack, NU the BOP and test.
12. TOOH w/ frac string. TIH with a mill. Tag and drill out the isolation plug set at ~5,225'. Clean out to PBTD of 7,520'.
13. Once water and sand rates are acceptable. TOOH.
14. TIH and land production tubing. Get a commingled Dakota/MV flow rate.

Well Name: SCHWERTFEGER A #5M

API / UIC 3004511888	Surface Legal Location T27N-R08W-S06	Field Name Basin Dakota	License No.	State/Province New Mexico	Well Configuration Type Vertical
Original MEART Elevation CO 6,778.00	ME-Source Distance (ft) 10.00	Original Spud Date 12/9/1965 00:00	Re-Release Date 12/22/1965 00:00	Perf (ft) (ft) Original Hole - 7,520.0	Well Depth (ft) (ft) (ft)

Most Recent Job					
Job Category Well Maintenance	Primary Job Type	Secondary Job Type	Actual Start Date 8/20/2013	End Date 8/20/2013	

ID: 7,565.0 Vertical, Original Hole, 5/7/2019 9:46:00 AM

