

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 29 2018

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

Farmington Field Office  
Bureau of Land Management

5. Lease Serial No. **NMSF-078518-A**  
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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. <b>Huerfano Unit</b>
2. Name of Operator <b>Hilcorp Energy Company</b>		8. Well Name and No. <b>Huerfano Unit 137</b>
3a. Address <b>382 Road 3100, Aztec, NM 87410</b>	3b. Phone No. (include area code) <b>505-599-3400</b>	9. API Well No. <b>30-045-13030</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Surface Unit J (NWSE), 1657' FSL &amp; 1600' FEL, Sec. 31, T26N, R09W</b>		10. Field and Pool or Exploratory Area <b>Huerfano Pictured Cliffs/Basin Dakota</b>
		11. Country or Parish, State <b>San Juan, New Mexico</b>

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 checked="" type="checkbox"/> Other <b>DK isolation</b>
	<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 per the attached operations summary. The Dakota is isolated by a CIBP, which will be drilled out after testing the PC.**

ACCEPTED FOR RECORD

SEP 06 2018

NMOCD

SEP 07 2018

DISTRICT III

FARMINGTON FIELD OFFICE

By: *William Tambekou*

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>Cherylene Weston</b>		Title <b>Operations/Regulatory Technician - Sr.</b>
Signature <i>Cherylene Weston</i>		Date <b>8-28-18</b>

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 AV

**6/26/2018** MIRU. ND WH. NU BOP. PT BOP. Test-OK. TOH w/tbg. PU 4 3/4" casing scraper & TIH. Tag solid @ 2158' & work thru tight spot. TOH. SDFN.

**6/27/2018** PU 4 3/4" string mill, tag tight casing @ 5158'. PU swivel, est circ with air/mist, 12 bbl/hr w/ 1 gal foamer & 1 gal corrosion inhibitor per hr. MO tight csg 2158' – 2160'. RD & lod out swivel. TIH w/ string mill to 6540'. TOH w/mill. PU & set **RBP @ 6500'**. SDFN.

**6/28/2018** RU Basin WL, run CBL from 4950' - surface. RD WL. Unload water at 6500' w/air unit. Release RBP @ 6500'. CBL submitted to NMOCD. Est cement top @ 1048'. SDFN.

**6/29/2018** TIH drifting tbg. Land 2 3/8" 4.7# J-55 tbg @ 6605' (SN @ 6604'). RD floor, BOPE, NU WH. RD. Rig rel @ 1100 hrs.

**7/25/2018** MIRU Baywater #104. ND WH. NU BOP. PT BOP. Test-OK. RU Scan-X & equip. Scan 214 jts. 2 3/8" tbg. LD 184 bad jts. RD Scan-X. SDFN.

**7/26/2018** MI Select Tools. MU & set **5.5" CIBP @ 2190'**. PU & set 5.5" tension packer set @ 2188'. Roll hole w/ 2% KCL water. Psi test CIBP @ 2190' to 1000# x 10 min, good test. Rel packer. RD power tongs & rig floor, ND kill pool & BOP. RU Big Red Tool. Chg out tbg head to 13.375" 3K x 7-1/16" x 5K tbg head. Psi test 1200# x 10 min, good test. SDFN.

**7/27/2018** RU Basin WL. Run GR CCL. **Perf PC: 2120'-2126', 2095'-2113', 2071'-2081' & 2054'-2063' = 86 .42" diam holes @ 2SPF.** RD Basin WL. RU High Tech air unit, unload 5.5" csg w/1350 CFM air. TOH. LD 2 3/8" tbg to M&R yard. Spot in 2 7/8" frac string, PU & TIH w/5.5" select Oil Tools **frac packer set @ 1907.76'**. RD rig floor, ND BOP stack & kill spool. NU 10K frac spool & head. Load csg, RU Well Check, psi test 2 7/8" frac string to 8100# x 20 min, good test. RU Expert SL. RIH w/3K bars & knock out ceramic disks. RD & RR @ 1930 hrs. WO rigless frac.

**8/5/2018** MIRU Halliburton frac & N2 equip. MIRU ProTechnics for tracer services. Load prime equip. Test fluid lines to 9000#, test good. Test N2 pump/lines to 9200#, test good. RU 2" line off tbg/csg annulus. **PC acid breakdown 2054'-2126'** w/treated water @ 10-14 BPM. Brokedown zone @ 2650#. Pumped 500 gals 15% HCL acid, flushed w/14 bbl treated water. **Frac zone w/95,200 gal 70Q water gel #20 @ 30 BPM, 152,000# 20/40 AZ sand w/sandwedge max additive.** Traced sand stages w/Iridium-192, **total N2: .85M SCF, flush w/10 fluid bbls.** RD & rel Halliburton.

**8/5-8/6/2018** MIRU Ideal Flowback Svc. Blow down tbg to flowback tank, pump 30 bbl down tbg. ND frac "Y". RU Well Check & set test plug in tbg head. ND frac valve, NU 7 1/16" x 3K kill spool & 7 1/16" x 3K BOP. Test kill spool, pipe & blind rams 2100# high & 400# low, good test. Pull test plug. Rel frac packer, TOH LD 2-7/8" frac string, LD Select 5.5" frac packer. Change out pipe rams to 2 3/8". Strap in hole w/junk mill to 625'. Tally & PU tbg. Cleanout fill @ 2156'. Unload well. Est circ w/4 bbl/hr water, 1 gal/10bbl soap & 1 gal/10bbl Cl. CO fill 2156'-2190' (DK plug). Unload 200 bbl/hr down to 18 bbl/hr. Trace of sand in return. LD swivel, TOH above pers. SDFN.

**8/7/2018** Flow csg thru 3" line to FB tank for 4 hrs. Foamy fluid @ 55 BPH. CO fill @ 2188', pull up to 2150'. Cont flowback to FB tank starting @ 40 BPH, end @ 35 BPH for 4 hrs. Chk for fill, tagged up @ 2180'. Pull up to 2027'. SDFN.

**8/8/2018** Cont flowback for 4 hrs thru csg to unload water. Swapped over to tubing for 4 hours. Unloaded 178 total bbls. Landed **66 jts 2 3/8" 4.7# J-55 tubing @ 2092' (SN @ 2090')**. Rig released @ 1800 hrs.

**8/24/2018** Obtained verbal approval from Brandon Powell @ NMOCD (9:18 am) and Jack Savage @ BLM (9:30 am) to keep the Dakota isolated with a plug 50' above the DK perfs. The PC is producing and making 160 bwtpd. Tracer logs will be run and evaluated for a path forward. The PC will be produced by itself for up to 90-days or longer. **This well is now producing as a single PC for dewatering and testing. The DK CIBP will be drilled out at a later date and commingled with the PC. Waiting on RC C-104 approval.**