

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

DISTRICT 111

Farmington Field Office

5. Lease Serial No.

NMSF078144

6. 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

2. Name of Operator

Hilcorp Energy Company

3a. Address

382 Road 3100, Aztec, NM 87410

3b. Phone No. (include area code)

505-599-3400

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

8. Well Name and No.

Pan American Federal Gas Com B 1E

9. API Well No.

30-045-24842

10. Field and Pool or Exploratory Area

Aztec Pictured Cliffs / Basin Dakota

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface Unit G (SWNE), 1710' FNL & 1660' FEL, Sec. 31, T30N, 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	<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 recomple 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 recomple 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.)

1/7/2019 MIRU Baywater 104. BDW. ND Prod WH. NU & PT BOP assembly, Test-Good. RU Expert SL & set 3-slip stop in tbg @ 6601'. RD SL. SDFN.

1/8/2019 BWD. RU Scan X. Scan 2-3/8" tubing. RD Scan X. PU & TIH w/ 3-7/8' junk mill to 23167'. TOH. LD mill. TIH & set 4.5" CIBP @ 2200'. Load hole w/31 bbls 2% KCL water. PT CIBP & 4.5" csg 2200' - surface to 500# 3 times. Lost 100# in 8 min. TOH w/2-3/8" tbg & LD setting tool. TIH & set 4.5" tension packer @ 2188'. PT CIBP @ 2200' to 650# (test ok). Pull 5 stds. Set packer @ 1867'. PT csg frm 2200' to surface 650# x 15 min (test ok). PU & reset pkr @ 1547'. PT csg from 2200'-1547' to 540# x 15 min (test ok). PT csg from 1547'-surface to 565# x 15 min (test ok). Open bypass on pkr & PT csg from 2200'-surface to 570# x 15 min (test ok). Rel pkr & TOH. SDFN.

1/9/2019 TIH w/30 stds 2-3/8" tbg. TOH. LD 60-jts tbg. RD power tongs & rig floor. ND BOP stack & kill spool. NU 9"x11" 3K DSA. PT seals to 2500# (test ok). RU Wellcheck. PT 4.5" csg from 2200' - surface to 2000#; psi drop to 1000# in 10-sec. NU BOP stack & kill spool. RU floor & power tongs. PU 2-3/8" tools. PU & set 4.5" tension packer @ 2062'. **Con't Page 2....**

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

2-21-19

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Dave Mankiewicz

Title

AFM

Date

4/5/19

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

FFO

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.

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**Recomplete summary con't....**

**01/09/2019** PT annulus 2062' – surface to 560# x 15 min, test ok. PU & set pkr @ 2091'. PT dwn tbg from 2091'-2200' to 560#, test ok. **Isolated casing leaks from 2062'-2091'.** Rel pkr. PU pkr above csg leaks. Secure well. SDFN. **Verbal approval from Brandon Powell, NMOCD & Jack Savage, BLM to proceed with setting frac string & perforating as planned and not repair casing holes, as they are within the proposed PC perforations.**

**01/10/2019** TOH & LD 2-3/8" tbg & test pkr. RU Basin WL. Run CBL 2200' – surface. RD WL. Spot in frac string. SDFN.

**01/11/2018** MIRU Basin WL. Perf Pictured Cliffs from 2071'-2089', 4 SPF, .41" dia = 72 holes. RD Basin WL. Land frac string @ 1989'. PT annulus from 2200' – surface to 590#; good test. ND BOP stack & kill spool. NU frac valve & stack. PT frac string/stack 8100# x 30 min; good test. RU SL, RIH w/ K-bars & knock out ceramic discs. RR @ 1700 hrs. WO frac.

**01/31/2019** MIRU Halliburton frac & N2 equip. Test fluid lines to 9000#, test good. Test N2 pump/lines to 9200#, test good. **Acidize & frac PC from 2071'-2089'** w/1000 gal 15% HCL acid, 59,808 gals 70 Q water gel #20 @ 35 BPM, 183,160 # 20/40 AZ sand w/sandwedge max additive and 338,615 SCF total N2, flushed w/11 foam bbls. Recovered 425 clean bbls. Pumped 489 slurry bbls. RD Halliburton.

**02/01/2019** – MIRU Ideal Flowback Services. Flowback well 24 hrs & flow test.

**02/02/2019** – MIRU BH #37. ND frac stack. Set 2-way check in hanger & NU BOPE. RU floor. PT blind/pipe rams 250# low & 2000# high; tests good. LD frac packer. MU 3-7/8" junk mill, TIH PU 63 jts to 2100'. Break circ w/1050 CFM air. Est circ, well flowed 34 BPH fluid. Pull up above perfs @ 1956'; well making steady stream of heavy foam. SDFN.

**02/03-02/05/2019** Con't cleanout and fluid recovery.

**02/06-02/07/2019** TIH PU tbg. Tag CIBP @ 2200'. Pull up to 2126'. Cont flowback well.

**02/08/2019** TIH w/ 2-jts tbg to 2030'. Flow well w/800 CFM air 2 hrs. Cont unload well, then flow naturally w/little foam returns. POOH w/mill. Circ hole clean. Land 64 jts 2-3/8", 4.7#, J-55 prod tubing @ 2091' (SN @ 2090'). ND BOP & NU tree. RR @ 1800 hrs.

**2/21/2019** Obtained BLM & OCD (Brandon Powell) approval to isolate the DK w/CIBP @ 2200' for 90-days for further PC testing and evaluation.

This well is currently not producing and will be flow tested as a single PC producer on a test allowable C-104 and is waiting on RC C-104 approval.

*The well will be downhole commingled per DHC-4908 when the PC is turned on to production and the DK CIBP is drilled out.*