

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.*

*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		5. Lease Serial No. <b>SF-078414-A</b>
2. Name of Operator <b>Hilcorp Energy Company</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>PO Box 4700, Farmington, NM 87499</b>	3b. Phone No. (include area code) <b>505-599-3400</b>	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Surface Unit N (SESW), 800' FSL &amp; 1080' FWL, Sec. 7, T29N, R08W</b>		8. Well Name and No. <b>Lively 26</b>
		9. API Well No. <b>30-045-21747</b>
		10. Field and Pool or Exploratory Area <b>Blanco Mesaverde / 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 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.)

The subject well was re-completed per the attached operations summary.

OIL CONS. DIV DIST. 3  
DEC 22 2017

ACCEPTED FOR RECORD  
DEC 22 2017  
FARMINGTON FIELD OFFICE

RECEIVED  
DEC 21 2017

Farmington Field Office  
Bureau of Land Management

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	
<b>Christine Brock</b>	Title <b>Operations/Regulatory Technician - Sr.</b>
Signature <i>Christine Brock</i>	Date <i>12/21/17</i>

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.

Lively 26

API# 3004521747

Basin Dakota / Blanco MV

Page 2

- 10/18/2017** MIRU Baywater 104. ND WH. NU BOP. PT BOP. Test – OK. Pull tbg hanger. RU WL. RIH w/ gauge ring to **7300'**. POOH. RIH and set **CIBP @ 7267'**. POOH, RD WL. PT csg to 500 psi for 15 min. Test-OK. SDFN
- 10/19/2017** RU WL. RIH w/ CBL. Run **CBL from 7267' to 0'**. **TOC @ 3850'**. RIH, set **CBP @ 5550'**. POOH. RD WL. PT csg to 1000 psi for 15 min. PT – OK. SDFN.
- 10/20/2017** ND BOP. ND 2K tbg head. NU 5K Tbg head. Test seals to 4800 psi. Test- OK. NU frack stack. RU wellcheck. PT csg & frac stack to 200 0 psi, lost 500 psi in 1 min. PT up to 4000 psi, est. injection rate of 1.5 BBL/MIN at 2300 psi. ND frack stack. NU BOP. PU 4 ½" packer. PU tbg. Isolated hole in csg from **3947' to 4004'**. Est injection rate of 1 bbl/min @ 1500 psi. LD tbg to bring packer above hole in csg. SDFN.
- 10/23/2017** TOH w/ tbg and packer. LD packer. RU Basin WL, RIH and set **CBP @ 3850'**. POOH. RIH and perf for **squeeze @ 3820' (verbal approval to perf was given on 10/23/17 by William Tambekou w/ BLM & Brandon Powell w/ OCD)** RD WL. Circ water down csg & out intermediate. Lost circ, unable to regain. PU 4 ½' select cmt ret. TIH with 62 stands of 2 3/8" tbg. Set **CMT ret @ 3791'**. RU Drake Energy. Pump squeeze w/ 75 sx, 102.75 cf, 1.37 yld, 14.6 ppg, type 3 neat cement to isolate the 7" shoe from 3820' to 3168'. LD 4 jts. RD Drake. 5 bbls into displacement, regained circ out of intermediate string. SDFN.
- 10/24/2017** TOH w/ tbg and stinger. RU WL. PU & Run CBL from 3800'-2800'. **New TOC @ 3140'**. POOH. RD WL. TIH w/ 62 stands of 2 3/8" tbg. TAG cement retainer. PU power swivel, DO cement retainer, cement & CBP. Clear csg to 4005'. RD power swivel. TOH w/ 64 stands of 2 3/8" tbg. LD bit & bit sub. SDFN.
- 10/25/2017** PU select 4 ½" cement retainer. TIH & set cement retainer **@ 3944' (verbal approval on 10-24 w/ William Tambekou w/ BLM & Brandon Powell w/ OCD)**. RU Drake Energy. Pump squeeze w/ 33 sx, 45.21 cuft, 1.37 yield, 14.6 ppg, type 3 neat cement to isolate the hole in csg from 3847'-4004'. RD Drake Energy. TOH with 64 stands of 2 3/8" tbg. LD stinger, PU 3 7/8" bit, TIH w/ 59 stands tbg. SDFN.
- 10/26/2017** TIH w/ 5 stands. PU 2 jts, tag cement retainer. DO cement retainer & cement. TOH w/ 61 stands. LD bit. PU RBP & TIH w/ 61 stands **@ 3729'**. LD 2 jts. PU packer & set **@ 8'**. RU Test line, PT csg to 4000 psi for 15 min, Test – OK. RD test lines. Unset & PD packer. PU 2 jts and unset RBP. SDFN, WOCO
- 10/27/2017** LD 121 jts tbg, Set RBP, LD 1 jt of tbg. ND BOP. NU frac stack. RU wellcheck. PT fro 30' to frack stack. Test – Bad, tbg head leak. ND frack stack. ND tbg head. Mandrel had missing snap ring. Installed snap ring, NU tbg head. NU frac stack. RU wellcheck. Pressure test from 30' to frac stack to 4000 psi for 15 min. Test-OK. RD wellcheck. SDFN.
- 11/7/2017** RU Blue Jet WL. **Perf'd PLO w/ .34" (1spf)** select fire holes from 5224'-5360' = **25** holes. **Frac PLO**. Acidized w/ 500 gal 15% HCL. Foam Frac'd PLO w/ 100,500 #'s 20/40 AZ sand. 39,934 gal slickwater. Total N2= 1.07 MSCF. Set frac plug **@ 5120'**. **Perf'd Menefee w/ .34" (1spf)** select fire holes from 4864'-5074' = **25** holes. **Frac'd MEN**. Acidized w/ 500 gal 15%

HCL. Foam Frac'd MEN w/ 101,000 #'s 20/40 AZ sand. 38,924 gal Slick water. Total N2= 1.07 MSCF. Set frac plug @ 4790'. **Perf'd Cliffhouse** w/ .34' (1spf) select fire holes from 4624'-4764' = 25 holes. **Frac'd Cliffhouse**. Acidized w/ 500 gal 15% HCL. Foam Frac'd Cliffhouse w/ 95,669,000 #'s 20/40 AZ sand. 34,533 gal Slick water. Total N2= 1.07 MSCF. RU Blue Jet, RIH w/ isolation plug & set @ 4500'. POOH. Test squeeze holes, could not get a test. Plug not holding. PU 2<sup>nd</sup> plug and RIH, set plug @ 3,788'. POOH. Monitor flow from well until dead. Shut in frac valve. RR Frac Crew @ 19:30.

- 11/30/2017** MIRU Baywater 104 @ 13:00. ND tree, NU and function test BOP. SDFN.
- 12/1/2017** PT BOP. Test-OK. MIRU Gas recovery. WO O2 Monitor, SDFN.
- 12/4/2017** Unload well @ 2746'. PU tag to 3786'. Unload well, est circ w/ air mist @ 12 BPH. Mill CBP @ 3786'. PU tbg to 4500'. Est circ w/ 12 BPH air mist. Mill CBP @ 4500'. PU tbg to 4790', Mill IP @ 4790'. PU tbg to 5040' (80' of fill). Est circ w/ 12 BPH air mist. CO fill from 5040' to 5100'. Blow well clean. Set swivel back & Pull 10 stands tbg. SDFN.
- 12/5/2017** TIH to 5040' (80' of fill). Est circ with 12 BPH air mist. CO fill from 5040'-5120'. Mill IP @ 5120'. TIH to 5353' (202' of fill). Est circ @ 5353' and CO to 5380'. PU tbg to 5429'. Est circ & co bridges to 5550'. Est circ and CO bridges to 5550'. Mill CBP @ 5550'. Blow well clean. TOH 10 stands tbg. SDFN.
- 12/6/2017** TIH w/ 10 stands tbg. PU tbg to 7267'. TOOH to 5399'. Flow & blow well @ 5399'. Pumping 12 BPH & getting 2 BPH returns. No sand. TOH to 4790'. Blow well @ 4790'. 2 BPH water returns and no sand. TIH to 7267', Mark tbg & TOH to 4790'. SDFN.
- 12/7/2017** TIH to 7262' (5' of fill). Unload and blow well. No water and no sand to surface. Start mist. No fluid or sand to surface. TOH 4992'. Flow test MV. **Started selling gas thur GRS on 12/7/2017**. SDFN
- 12/8/2017** TIH to 7267' (CIBP). PU swivel & est circ w/ 12 BPH air mist @ 7267'. Mill CIBP @ 7267'. PU tbg to 7443'. Est circ @ 12 BPH and CO from 7443' to 7478'. Blow well. TOH 15 stands, SDFN.
- 12/9/2017** TOH. Kill well with 25 BBL water. TOH, LD mill, PU BHA & TIH. PU tbg hanger and land 241 jts 2 3/8", 4.60# J-55 tbg set @ 7400' w/ F-nipple @ 7399'. ND and set out BOP, NU tree, Pump 5 bbls water, drop ball and pump off exp check @ 1000 psi. RD RR @ 16:00.

**FEB 20 2013**  
**OIL CONS. DIV DIST. 3**

