

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

JUN 19 2019

**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

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

Surface

Unit L (NWSW) 1589' FSL & 800' FWL, Sec. 4, T27N, R05W

5. Lease Serial No.

NMSF079393

6. If Indian, Allottee or Tribe Name

San Juan 27-5 Unit  
Bureau of Land Management

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

San Juan 27-5 Unit

8. Well Name and No.

San Juan 27-5 Unit 89

9. API Well No.

30-039-07177

10. Field and Pool or Exploratory Area

Blanco Mesaverde

11. Country or Parish, State

Rio Arriba

New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☒ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☒ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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 recompleat 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 recompleat 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.)

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4/29/19 (BH 0#) MIRU. ND WH. NU BOP. PT BOP, test good. Pull tbg hanger & TOO H w/2-3/8" tbg. MU 3-7/8" bit & csg scraper. TIH, tbg parted downhole. Stand back jts & lay dwn remaining jts (134 jts of parted tbg left in well). SDON.

4/30/19 (BH 0#) MU 4-1/2" overshot w/new tbg. TIH to tag top of fish @ 3545'. Latch onto tbg & pull 14K to free stuck fish. TOO H & lay dwn 12 jts of fished tbg. TIH w/overshot & latch onto fish @ 3960'. Pull 32K & TOO H laying dwn 86 jts of fished tbg. TIH w/overshot & latch onto fish. Pull 45K & TOO H laying dwn 1 jts of fished tbg (35 jts of fish left in well). SDON.

5/1/19 (BH 0#) Unable to latch onto fish w/overshot. TIH w/4-1/2" concave mill, mill dwn to 6685'. TOO H w/mill. TIH w/overshot to 3000'. SDON.

5/2/19 (BH 0#) Latch onto fish @ 6685'. Pull 40K & TOO H laying dwn 2 jts of fished tbg. TIH w/4-1/4" concave mill, mill dwn to 6743'. TOO H w/mill. TIH w/overshot & latch onto fish. Pull 40K & TOO H laying dwn 1 jt of fished tbg (32 jts of fish left in well). SDON.

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

Tammy Jones

Title Operations/Regulatory Technician - Sr.

Signature

Tammy Jones

Date

6/19/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

[Signature]

Petroleum Engineer

Title

Office

FFO

6-28-2019

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.

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)

NMOC

**5/3/19 (BH 0#)** TIH w/3-1/2" concave mill, dress TOF to 6773'. TOO H w/mill. TIH w/4-1/2" overshot & latch onto fish @ 6773'. Pull 60K & pressure up on tbg w/air 2000#. Couldn't pump dwn stuck tbg, fail to free fish. Unable to freepoint. TOO H w/overshot. SDON.

**5/4/19 (BH 0#)** PU 4-1/2" overshot & latch onto fish @ 6773'. Jar @ 60K, part fish. TOO H laying dwn 1 jt of fished tbg. TIH w/overshot, set dwn on fish & chase fish to 6815'. Unable to latch on, TOO H w/overshot. TIH w/4-1/2" concave mill, mill TOF dwn to 6816' (31 jts of fish left in well). PUH. SDON.

**5/6/19 (BH 0#)** Drop dwn to 6816', break circ w/air & mill TOF. Unable to get further than 6816'. TOO H w/mill. **Verbal approval from Brandon Powell, NMOCD & Jim Lovato, BLM to plug & abandon the Dakota.** TIH w/4-1/2" CR dwn to 6680'. SDON.

**5/7/19 (BH 0#)** Drop dwn w/4-1/2" CR, tag TOF @ 6816', unable to set CR. TOO H w/CR. TIH w/new 4-1/2" CR, set @ 6800'. Sting out of CR. Load well w/wtr & circ. PT to 560#, good. Sting back into CR. RU cmtrs. Mix & pump 150 sx (173 cf - 30 bbls) = 1.15 yld Cement @ 15.8 PPG. Pressure up to 1500#, sqz 115 sx below CR, sting out & reverse circ 35 sx out of wellbore. RD cmtrs. TOO H. RU W/L. Run CBL from 6800' to surface. RD W/L. SDON.

**5/8/19 (BH 0#)** Perform MIT on 4-1/2" csg from CR @ 6800' to surface witnessed by NMOCD & BLM - 560#/30mins, test good. **Verbal approval from Brandon Powell, NMOCD & Jim Lovato, BLM to sqz perfs & extend MV interval to 5000' & 5900'.** RU W/L. TIH perf sqz holes @ 5900'. RD W/L. Pump into holes @ 3 bbls/min. TIH w/CR, set @ 5875'. RU cmtrs. Mix & pump 205 sx (236 cf - 42 bbls) = 1.15 yld Cement @ 15.8 PPG. Displace 24 bbls wtr. Pressure up to 500# & sting out. RD Cmters. TOO H. SDON.

**5/9/19 (BH 0#)** RU W/L. TIH perf sqz holes @ 5000'. RD W/L. Csg on vacuum. TIH w/CR, set @ 4975'. RU cmtrs. Mix & pump 290 sx (336 cf - 60 bbls) = 1.16 yld Cement @ 15.8 PPG w/2% CACL2. Displace 20 bbls wtr. Pressure up to 1200# & sting out. RD Cmters. TOO H. TIH w/3-7/8" bit to 4000'. SDON.

**5/10/19 (BH 0#)** TIH to CR @ 4675'. D/O CR & cmt dwn to 5000'. PT csg to 560#/10 mins, good. TIH to CR @ 5875'. D/O CR & cmt dwn to 5900'. TIH to 6800'. PT csg to 560#/10 mins, good. TOO H w/bit. SDON.

**5/13/19 (BH 0#)** RU W/L. Run CBL from 6800' to surface. **Verbal CBL approval from Brandon Powell, NMOCD & Jim Lovato, BLM to perf MV.** TIH w/4-1/2" CIBP set @ 5800'. PT csg to 560#/10 mins, good. TOO H. Perf PT Lookout / Lwr Menefee @ 5760', 5759', 5750', 5749', 5748', 5715', 5714', 5713', 5704', 5703', 5696', 5690', 5689', 5688', 5676', 5675', 5664', 5663', 5656', 5655', 5645', 5644', 5643', 5633', 5632', 5631', 5623', 5622', 5613', 5596', 5595', 5576', 5563', 5562', 5561', 5530', 5529', 5474', 5473', 5448', 5447' (1 SPF) for a total of 41, 0.34" dia holes. TIH & set flow thur frac plug @ 5415'. TIH w/4-1/2" pkr, set @ 5073'. RD W/L. TIH w/166 jts 2-7/8" P110 frac string, land tbg in pkr @ 5073'. Lock dwn hanger. SDON.

**5/14/19 (BH 0#)** ND BOP. NU 10K frac valve, PT from pkr to surface 9000#/10 mins, good. ND frac valve. NU 3K valve. TIH, punch rupture disc in pkr. RD. Rig released.

**6/7/19 (BH 0#)** RU frac crew. Broke down well with water & 500 gal 15% HCL. Foam FRAC'D PT Lookout / Lwr Menefee w/151,320# 40/70 sand & 41,543 gal slickwater & 1.47 million SCF N2 70 quality. avg rate = 50 BPM, avg PSI = 5520. Drop frac ball & seat, PT ball on seat to 1000#, ok. Perf Cliffhouse / Upper Menefee @ 5372', 5371', 5366', 5365', 5316', 5315', 5296', 5295', 5283', 5282', 5280', 5279', 5278', 5274', 5273', 5257', 5256', 5255', 5254', 5243', 5242', 5241', 5240', 5237', 5236', 5218', 5217', 5216', 5200', 5199', 5198', 5186', 5185', 5184', 5150', 5149', 5148', 5124', 5123', 5122' (1 SPF) for a total of 40, 0.29" dia holes. Broke down well with water & 500 gal 15% HCL. Foam FRAC'D Cliffhouse / Upper Menefee w/148,540# 40/70 sand & 48,345 gal slickwater & 1.67 million SCF N2 70 quality. avg rate = 50 BPM, avg PSI = 5416. Dropped 20 bio-balls with 1/2 sand pumped. RD frac crew. RU flowback. Flowback overnight.

**6/10/19 (BH 0#)** MIRU. Kill tbg w/wtr. ND frac stack. NU BOP & PT, test good. Rls pkr & TOO H laying down 2-7/8" frac string & pkr. SDON.

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6/11/19 (BH 0#) TIH w/pkr plucker, tag assembly @ 5073'. Break circ & mill inside assembly. Pull up on pkr w/spear to 50K, fail to jar pkr free. TOOH. Replace shoe on pkr plucker. TIH to 2000'. SDON.

6/12/19 (BH 0#) Continue to TIH w/pkr plucker to 5073'. Mill over pkr, spear on bottom. TOOH, couldn't hold onto pkr. SDON.

6/13/19 (BH 0#) Replace grapple on spear. TIH w/pkr plucker, tag pkr @ 5055'. Chase dwn to 5400', work spear thru. TOOH, couldn't hold onto pkr. TIH w/tapered tap, tag pkr @ 5390'. Chase dwn to 5400', rotate jar dwn onto pkr. TOOH w/tools & fished pkr. SDON.

6/14/19 (BH 0#) TIH w/3-7/8" junk mill to 5400'. Est circ & CO to frac plug @ 5415'. D/O plug. TIH & C/O to CIBP @ 5800'. Circ well. PUH w/mill to 5000'. SDON.

6/15/19 (BH 0#) TIH & D/O CIBP @ 5800'. Drop down to 6800. TOOH w/mill. SDON.

6/16/19 (BH 0#) Drift production tbg in well. Land 177 jts 2-3/8" 4.7# J-55 EUE T&C upset tubing @ 5709', SN @ 5708'. PT tbg to 500#, good. Pump off check @ 700# & unload well. ND BOP. NU WH. RD. Rig released.

**Basin Dakota formation was plugged and abandoned. Well is now producing as Blanco Mesaverde only.**

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