

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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.

5. Lease Serial No.
NMSF078277

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit or CA/Agreement, Name and/or No.
891000437B

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
SAN JUAN 29-5 UNIT 55F

2. Name of Operator
HILCORP ENERGY COMPANY
Contact: TAMMY JONES
E-Mail: tajones@hilcorp.com (san jua)

9. API Well No.
30-039-29335-00-C1

3a. Address
1111 TRAVIS STREET
HOUSTON, TX 77002
3b. Phone No. (include area code)
Ph: 505.324.5185

10. Field and Pool or Exploratory Area
BASIN DAKOTA
BLANCO MESAVERDE

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

Sec 18 T29N R5W NWSW 2460FSL 1050FWL
36.725165 N Lat, 107.404179 W Lon

11. County or Parish, State
RIO ARRIBA COUNTY, NM

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"/> Hydraulic Fracturing	<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
<i>βP</i>	<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.

This well was returned to production on 9/4/2019 following a Recompletion project. This well is now producing as a Gobernador Pictured Cliffs/Blanco Mesaverde/Basin Dakota tri-mingle under DHC4999.

Please see attached recompletion summary reports, wellbore schematic & production allocation.

NMOCO
SEP 11 2019
DISTRICT III

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #482438 verified by the BLM Well Information System
For HILCORP ENERGY COMPANY, sent to the Farmington
Committed to AFMSS for processing by JOE KILLINS on 09/09/2019 (18WMT0816S)

Name (Printed/Typed) TAMMY JONES

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 09/09/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED**

JOE KILLINS
Title ENGINEER

Date 09/09/2019

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 Farmington

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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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5/21/19 Verbal remediation plan approval from Brandon Powell, NMOCD & Jim Lovato, BLM to cmt sqz @ 3538'.

6/26/19 (BH & INT 0#) MIRU. ND WH. NU BOP. PT BOP, test good. Pull tbg hanger & tag fill @ 7933'. TOO H w/2-3/8" tbg. SDON.

6/27/19 (BH & INT 0#) TIH w/3-7/8" csg scraper to 3800'. TOO H w/scraper. TIH w/4-1/2" CIBP set @ 3760'. Circ clean & test csg to 560#/15 mins, good. TOO H. RU W/L. Perf sqz holes @ 3538'. RD W/L. Attempt to circ dwn 4.5" up 7" annulus, no circ. SDON.

6/28/19 (BH & INT 0#) Verbal approval from Brandon Powell, NMOCD & Joe Killins, BLM to cmt sqz @ 3138'. RU W/L. Perf sqz holes @ 3138'. RD W/L. TIH w/4.5" CR set @ 3200'. Est circ dwn 4.5" & out 7" intermediate. RU cmters. Mix & pump 66 sx (75 cf - 13 bbls) = 1.14 yld cement @ 15.8 PPG. Displace w/15 bbls wtr. Sting out of CR. Reverse circ clean. Set tbg @ 3150'. Pump 15 sx (17 cf - 3 bbls) = 1.14 yld cement plug @ 15.8 PPG. Displace w/11 bbls wtr. PUH to 2500'. Reverse circ clean. Open 7" INT flow back 3/4 bbl to balance plug. RD cmters. SDON.

7/1/19 (BH & INT 0#) TOO H. TIH w/3-7/8" bit, tag cmt @ 3016'. PT csg to 560#/15 mins, good. Swivel dwn & circ. D/O cmt to 3140'. Drop dwn & tag CR @ 3200'. Circ wellbore clean. Perform MIT on csg to 600#, pressure dropped 20# in 3 mins, failed. TOO H w/bit. TIH open ended to 3150'. SDON.

7/2/19 (BH & INT 0#) RU cmters. Mix & pump 18 sx (14.8 cf - 2.6 bbls) = .82 yld Micro seal blend cement plug @ 13 PPG. Displace w/11 bbls wtr. PUH to 2500'. Reverse circ clean. RD cmters. TOO H. Pressure up on 4.5" to 600#. SI well w/600#. SDON.

7/6/19 (BH & INT 0#) TIH w/3-7/8" bit, tag cmt @ 3020'. Swivel dwn & D/O cement to 3142', drop dwn to CR @ 3200'. Perform csg MIT to 600#/30 mins, test good. D/O CR @ 3200', drop dwn & tag cement @ 3240'. D/O cement dwn to 3370'. Circ well clean. PUH. SDON.

7/7/19 (BH & INT 0#) TIH, continue D/O cement plug to 3542'. Drop dwn to CIBP @ 3760'. Circ well clean. PT csg to 560#, pressure dropped to 80# in 1 min. TOO H. RU W/L. Run CBL from 3760' to surface. RD W/L. SDON.

7/8/19 (BH & INT 0#) Verbal approval from Brandon Powell, NMOCD to suicide sqz @ 3370' & 3250'. RU W/L. Perf sqz holes @ 3370'. Pull up. Perf sqz holes @ 3250'. RD W/L. TIH w/tbg open ended to 3548'. RU cmters. Mix & pump 6 sx (7 cf - 1.3 bbls) = 1.15 yld cement @ 15.8 PPG. Displace w/12 bbls wtr. RD cmters. TOO H w/tbg. TIH w/CR, set @ 3260'. RU cmters. Est rate thru sqz perms. Mix & pump 28 sx (32 cf - 5.8 bbls) = 1.15 yld cement @ 15.8 PPG. Displace w/11 bbls wtr. Sting out of CR. PUH to 2900'. Reverse circ wellbore clean. RD cmters. TOO H. SDON.

Continued on Page 2

7/9/19 (BH & INT 0#) TIH w/3-7/8" bit, tag cement @ 3230'. Swivel dwn & D/O cmt to CR @ 3260'. PT csg to 580#/15 mins, good. Continue to D/O CR & cmt dwn to 3372'. Circ wellbore clean. PUH. PT csg to 580#/15 mins, good. SDON.

7/10/19 (BH & INT 0#) Verbal CBL cmt isolation approval from Brandon Powell, NMOCD & Joe Killins, BLM - needs passing MIT. PT csg to 580#, pressure dropped 80# in 30 mins. TOOH w/bit. RU W/L. Run CBL from 4460' to surface. RD W/L. TIH w/tbg open ended to 3380'. RU cmters. Mix & pump 14 sx (16 cf - 2.9 bbls) 1.15 yld cement @ 15.8 PPG. Displace w/11.5 bbls wtr. RD cmters. PUH to 3150'. Circ wellbore clean. TOOH. Pressure up to 500#. SIW. SDON.

7/11/19 (BH & INT 0#) PT csg to 580#, pressure dropped 13# in 15 mins. TIH w/3-7/8" bit, tag cement @ 3235'. TOOH w/bit. ND BOP. NU frac 7" 5K frac head. PT seal on frac head to 2000#, good. PT 4.5" csg to 580#, pressure dropped 13# in 15 mins. TIH w/3-7/8" bit, tag cement @ 3235'. D/O cmt plug from 3235' to 3380'. PT 4.5" csg to 580#, pressure dropped 20# in 10 mins. TOOH w/bit. TIH w/tbg open ended to 3380'. SDON.

7/12/19 (BH & INT 0#) RU cmters. Pre-flush 5 bbls wtr. Mix & pump 45 sx (34 cf - 6 bbls) .76 yld cement plug @ 13.5 PPG. Displace w/11 bbls wtr. RD cmters. TOOH. Pressure up on cmt plug to 580#. SIW. SDON.

7/15/19 (BH & INT 0#) TIH w/3-7/8" bit, tag cmt @ 3120'. Swivel dwn & D/O cement to 3380'. Circ wellbore clean. **Perform 4.5" csg MIT to 570#/30 mins, passed - witnessed by NMOCD.** Drop dwn tag cmt @ 3460'. Swivel dwn & D/O cmt plug to 3550'. Drop dwn to CIBP @ 3760'. Circ wellbore clean. TOOH w/bit. RU W/L. Perf Pictured Cliffs @ 3594, 3593, 3571, 3570, 3569, 3560, 3559, 3558, 3553, 3552, 3551, 3550, 3538, 3537 (2 SPF) for a total of 28, 0.34" dia holes. RD W/L. SDON.

7/16/19 (BH & INT 0#) TIH w/2-7/8" P110 frac string & pkr, land @ 3503'. ND BOP. NU 10K frac stack. PT csg from pkr to surface 560#/20 mins, good. PT frac string to 9000#/30 mins, good. TIH w/sand line, punch out mag disc on frac string. Pump into PC perms w/rig pump. SIW. RD. Rig released.

8/26/19 (BH & INT 0#) RU frac crew. Broke down well with water & 500 gal 15% HCL. Foam FRAC'D Pictured Cliffs w/151,540# 20/40 sand & 34,291 gal 20# Inr gel & 1.10 million SCF N2 70 quality. avg rate = 40 BPM, avg PSI = 6870. RD frac crew. RU flowback. Flowback overnight.

8/29/19 (BH & INT 0#) MIRU. ND frac stack. NU BOP & PT, test good. Kill well w/wtr. Rls pkr & TOOH laying down 2-7/8" frac string & pkr. TIH w/3-7/8" bit to 3500'. SDON.

Continued on Page 3

8/30/19 (BH & INT 0#) TIH, tag fill @ 3610'. Est circ & CO to CIBP @ 3760'. Circ well clean. Flow well. D/O CIBP. PUH w/bit to 3500'. SIW. SDON.

8/31/19 (BH & INT 0#) TIH, tag fill @ 7881'. CO to PBTD @ 7941'. TOOH w/3-7/8" bit. TIH w/BHA, tag PBTD @ 7941'. PUH, PT tbg to 500#, test good. Unload well. SDON.

9/3/19 (BH & INT 0#) Land 242 jts 2-3/8" 4.7# J-55 EUE T&C upset tubing @ 7848', SN @ 7846'. ND BOP. NU WH. RD. Rig released.

Well is now producing as Gobernador Pictured Cliffs/Blanco Mesaverde/Basin Dakota tri-mingle under DHC4999.

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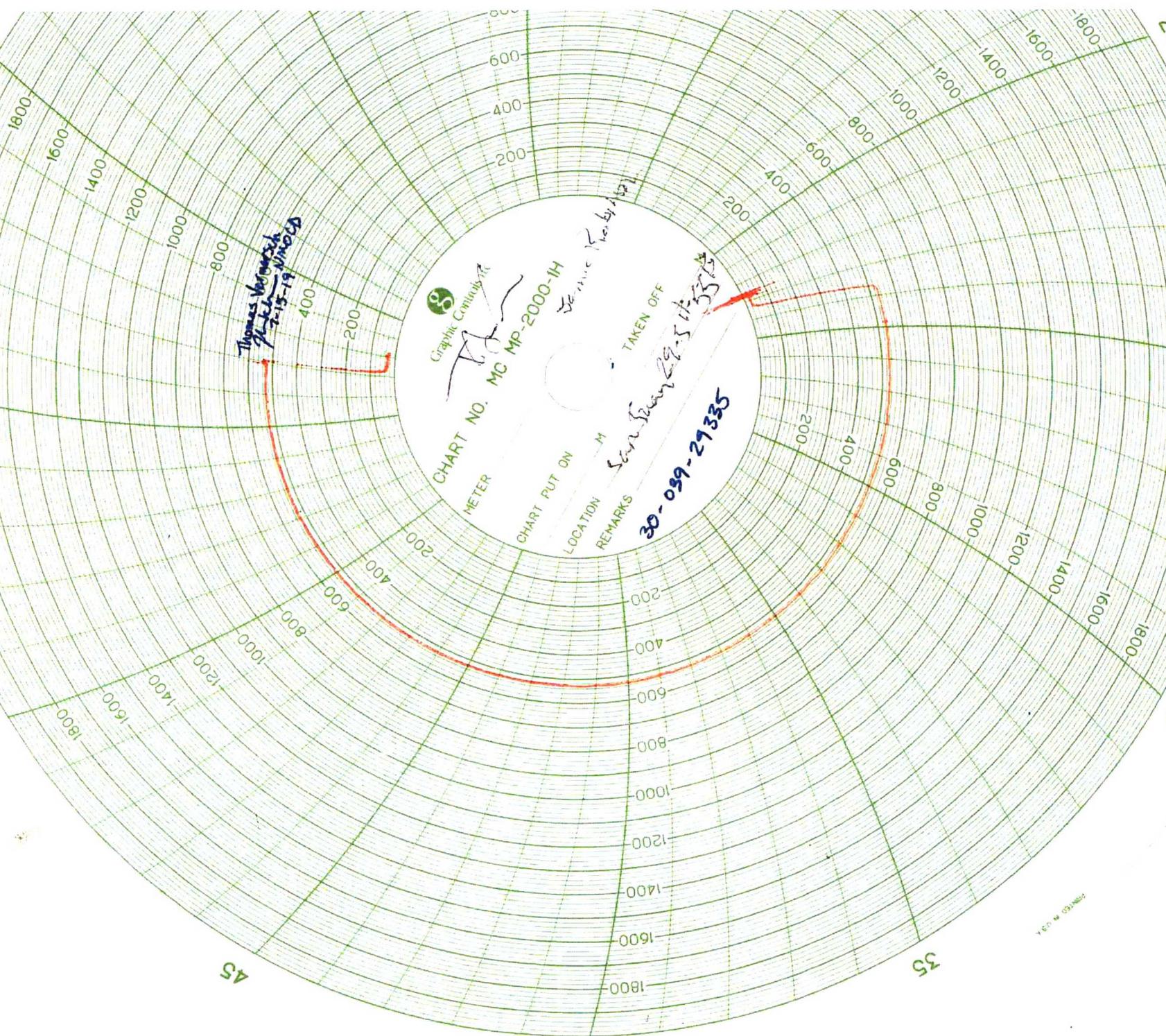
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Thomas Norwicksch
 7-13-19
 11/10/2019



Graphic Controls

CHART NO. MC MP-2000-1H

METER

CHART PUT ON

M

LOCATION

REMARKS

Taken off by 12/1/19

Start from 9.5 11.5 13.5

30-099-27335

TAKEN OFF

DESIGNED IN U.S.A.