

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

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

SUBMIT IN TRIPLICATE - Other instructions on page 2		5. Lease Serial No. NMSF079391
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA Agreement, Name and or No.
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. SAN JUAN 27-5 UNIT 126E
2. Name of Operator HILCORP ENERGY COMPANY Contact: TAMMY JONES E-Mail: tajones@hilcorp.com		9. API Well No. 30-039-30518
3a. Address 382 ROAD 3100 AZTEC, NM 87410	3b. Phone No. (include area code) Ph: 505-324-5185	10. Field and Pool or Exploratory Area BLANCO MESAVERDE/BASIN DK
4. Location of Well (Footage, Sec., T., R., M. or Survey Description) Sec 7 T27N R5W Mer NMP NWSW 2626FSL 185FWL		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
	<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

See attachments

Well is now producing as Blanco Mesaverde/Basin Dakota commingle under DHC4963. Density Exception R-20494.

*NMCO
Rec'd
8/16/19*

14. Thereby certify that the foregoing is true and correct. Electronic Submission #474562 verified by the BLM Well Information System For HILCORP ENERGY COMPANY, sent to the Farmington Committed to AFMSS for processing by VIRGINIA BARBER on 07/25/2019 ()	
Name (Printed Type) TAMMY JONES	Title OPERATIONS/REGULATORY TECH-SR.
Signature (Electronic Submission)	Date 07/22/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date JUL 25 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 FIELD OFFICE	BY: <i>[Signature]</i>

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)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

*NMCO
OPERATOR AY*

6/17/19 Verbal approval from Brandon Powell, NMOCD & Jim Lovato, BLM to cmt sqz @ 4970' & run radial CBL.

6/25/19 (BH & INT 0#) MIRU. ND WH. NU BOP. PT BOP, test good. Pull tbg hanger. SDON.

6/26/19 (BH & INT 0#) TOO H w/2-3/8" tbg. TIH w/7" csg scraper. SDON

6/27/19 (BH & INT 0#) TIH w/7" csg scraper to 6200'. TOO H w/csg scraper. RU W/L. TIH w/7" CIBP set @ 6145'. Circ clean & test csg to 560#/30 mins, good. Perf sqz holes @ 4970'. RD W/L. Est rate thru sqz holes @ 2 BPM. TIH w/7" CR, set @ 4940'. SDON.

6/28/19 (BH & INT 0#) Sting out/load csg. SI & test backside to confirm set. Sting in est inj rate thru CR. Mix & pump 180 sx Class G neat (207 cf - 37 bbls) = 1.15 yld cement. Displace w/19 bbls. Sting out & TOO H. TIH w/6-1/8" junk mill to 4500'. SDON.

6/29/19 (BH & INT 0#) TIH, tag cmt @ 4910'. Swivel up & D/O cmt & CR, fall out of cmt @ 4970'. Swivel dwn to CIBP @ 6145'. SIW & PT sqz holes to 560#, good. TOO H w/mill. RU W/L. Run CBL. Verbal approval from Brandon Powell, NMOCD & Jim Lovato, BLM to cmt sqz @ 5735' (sqz holes @ 4970 & 5735' are considered MV interval). TIH perf sqz holes @ 5735'. Est inj rate. SDON.

6/30/19 (BH & INT 0#) TIH w/7" CR set @ 5700'. Roll well & test backside to 560#, good. Est rate. Mix & pump 58 sx Class G neat w/1% CACL2 (67 cf - 12 bbls) = 1.15 yld cement. Displace w/22 bbls. TOO H. TIH w/6-1/8" junk mill to 5500'. SDON.

7/1/19 (BH & INT 0#) TIH, tag cmt @ 5690'. Swivel up & D/O cmt & CR to 5740'. TIH, tag CIBP @ 6145'. TOO H w/mill. RU W/L. Run CBL. SDON.

7/2/19 (BH & INT 0#) Verbal CBL & MIT approval from Brandon Powell, NMOCD & Jim Lovato, BLM - no further cmt remediation required & tracer log must be included with frac. TIH w/7" RBP, set @ 4940'. Chart MIT csg test to 560#, good. TOO H. ND BOP. NU frac valve. PT csg & frac stack to 4000#, good. ND cap. NU BOP. TIH & recover RBP. TOO H & LD. SDON.

7/3/19 (BH & INT 0#) RD tools. ND BOP. NU frac stack. PT frac stack to 4000#, good. RD. Rig released.

7/11/19 (BH & INT 0#) RU W/L. Perf PT Lookout / Lwr Menefee @ 5710, 5709, 5708, 5684, 5683, 5682, 5676, 5675, 5674, 5650, 5636, 5635, 5620, 5619, 5618, 5605, 5594, 5593, 5589, 5588, 5585, 5576, 5575, 5574, 5570, 5569, 5551, 5538, 5532, 5528, 5527, 5519, 5421, 5418, 5517, 5394, 5389, 5378, 5377 (1 SPF) for a total of 39, 0.34" dia holes. RU frac crew. Broke down well with water & 500 gal 15% HCL. Foam FRAC'D PT Lookout / Lwr Menefee w/117,201# 40/70 sand & 29,200# 30/50 CarboAir & 49,434 gal slickwater & 1.47 million SCF N2 70 quality. avg rate = 70 BPM, avg PSI = 1959. Drop 20 bio balls with 1/2 sand pumped. TIH & set frac plug @ 5355'. RD W/L. NU frac valve. PT lines & frac stack to 5000#, good. Load hole & PT plug to 1200#, good. Perf Cliffhouse / Upper Menefee @ 5343, 5325, 5314, 5313, 5312, 5297, 5296, 5295, 5260, 5246, 5243, 5238, 5235, 5215, 5212, 5198, 5190, 5176, 5175, 5170, 5169, 5164, 5163, 5162, 5131, 5130, 5119, 5113, 5109, 5108, 5104, 5103, 5091, 5090, 5086, 5085, 5080, 5079, 5078, 5069, 5060, 5059 (1 SPF) for a total of 42, 0.34" dia holes. Broke down well with water & 500 gal 15% HCL. Foam FRAC'D Cliffhouse / Upper Menefee w/123,399# 40/70 sand & 30,600# 30/50 CarboAir & 50,900 gal slickwater & 1.60 million SCF N2 70 quality. avg rate = 70 BPM, avg PSI = 2201. Dropped 21 bio-balls with 1/2 sand pumped. RD frac crew. RU flowback. Flowback overnight.

7/14/19 (BH & INT 0#) MIRU. ND frac stack. NU BOP & PT, test good. Kill well w/wtr. TIH w/6-1/8" bit to 5000'. SDON.

7/15/19 (BH & INT 0#) TIH, tag fill @ 5295'. Est circ & CO to frac plug @ 5355'. D/O plug. Clean out to CIBP @ 6145'. PUH. Flowback overnight.

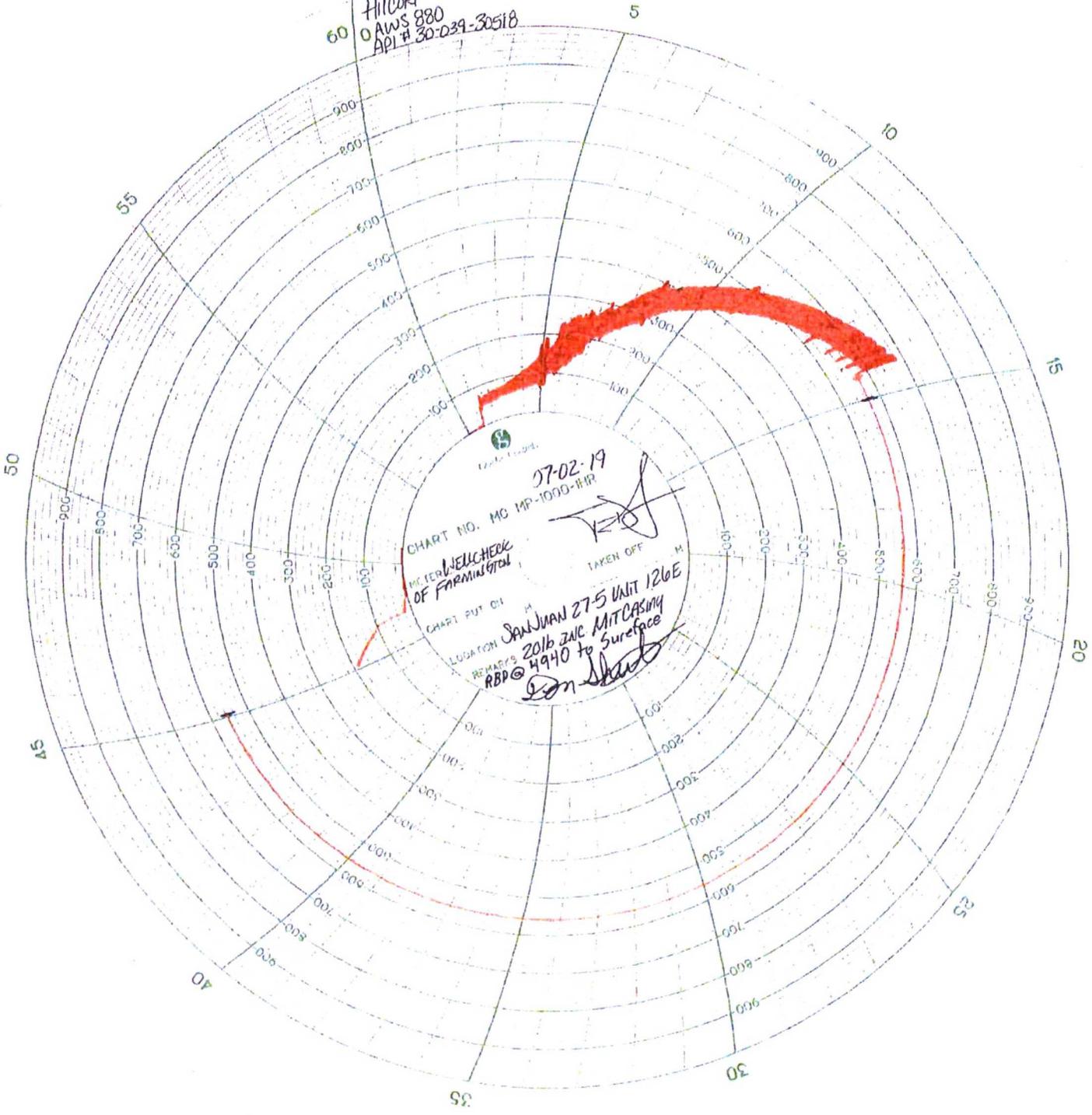
7/16/19 (BH & INT 0#) TIH, circ & clean out to CIBP. D/O CIBP & C/O to 8385'. Pump 2 sweeps, clean returns. PUH. SDON.

7/17/19 (BH & INT 0#) TOOH w/bit. Kill well. RU W/L. Run Spectra Scan log. Kill well. RD W/L. TIH, drifting in w/BHA. SDON.

7/18/19 (BH & INT 0#) Drift production tbg in well. Land 171 jts 2-3/8" 4.7# J-55 EUE T&C upset tubing @ 5669', SN @ 5667'. PT tbg to 500#, good. Pump off check @ 750#. ND BOP. NU WH. RD. Rig released.

Well is now producing as Blanco Mesaverde/Basin Dakota commingle under DHC4963. Density Exception R-20494.

HILCORP
AWS 880
API # 30-039-30518



07-02-19
CHART NO. MG MP-1000-1HR
METER WELLSHEAD
OF FARMINGTON
TAKEN OFF
LOCATION SAN JUAN 27-5 UNIT 126E
REMARKS 2016 ZWC MIT CASING
RBB 4940 to surface
[Signature]