

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 20 2018  
FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

Farmington Field Office  
Bureau of Land Management

NMSF-078640

**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		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator <b>Hilcorp Energy Company</b>		8. Well Name and No. <b>San Juan 28-7 Unit 152</b>
3a. Address <b>382 Road 3100 Aztec, NM 87410</b>	3b. Phone No. (include area code) <b>505-599-3400</b>	9. API Well No. <b>30-039-20434</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Surface Unit K (NESW) 1840' FSL &amp; 1850' FWL, Sec. 21, T27N, R07W</b>		10. Field and Pool or Exploratory Area <b>Blanco Mesaverde</b>
		11. Country or Parish, State <b>Rio Arriba, 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 <b>BR</b>	<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 checked="" type="checkbox"/> Other <u>Cmt Squeeze</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>MIT</u>
	<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.)

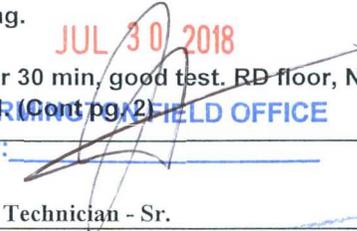
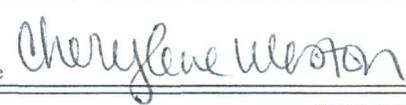
Hilcorp Energy performed the following work on the above well as follows: 2/15/2018 MIRU BW #104. ND WH. NU BOP. PT BOP. Test-OK. RU Tuboscope, scan tbg. TOOH & LD entire 2-3/8" tbg. SDFN.

2/16/2018 PU 4-1/2" csg scraper, PU 2-3/8" tbg, run csg scraper to 5700'. TOH w/tbg, LD csg scraper, PU 4.5 CIBP & set @ 5650'. RU Basin WL, run CBL from 5630' to surface. RD Basin WL. SDFN.

2/17/2018 MIRU Drake Energy, pump 26 bbl packer fluid down BH. TIH w/tbg, TOH, LD tbg, RD floor, ND BOPE. Change out WH 3K to 5K, stub up 4-1/2" csg, psi test 2500#, NU test flange & psi test csg & CIBP to 4000#, good test. RD & RR.

4/16/2018 RU Basin WL, RIH set CBP @ 5570'. POOH. RD Basin WL, BWD, plug holding.

4/17/2018 MIRU BW #104. ND WH. NU BOP. PT BOP. Test-OK. Psi test csg to 2500# for 30 min, good test. RD floor, ND BOP, NU frac stack. Psi test csg & frac stack 4000# for 30 min; Test-Ok. SI well, SDFN (Cont pg. 2)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>Cherylene Weston</b>		By: 
Title <b>Operations/Regulatory Technician - Sr.</b>		
Signature 	Date <b>7-20-18</b>	

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.

NMOCD

JUL 30 2018

FARMINGTON FIELD OFFICE

NMOCD

JUL 31 2018

DISTRICT III

**4/19/2018** MIRU Halliburton & Basin WL, **Perf Point Lookout @ 5481', 5468', 5451', 5424', 5406', 5383', 5374', 5367', 5361', 5331', 5326', 5315', 5306', 5302', 5296', 5291', 5255', 5245', 5230', 5222', 5213'** w/1 SPF = 21 shots total @ .34 diameter holes. w/1 SPF @ .34 diameter holes. Load & test lines to 5000#, test good. **Acidize Point Lookout** from 5213' - 5481' w/ 1,000 gal 15% HCL acid & 45 ball sealers @ 2 balls per 1 bbl acid pumped. Flushed w/100 bbls fresh water @ 3290#. Recovered 44 ball sealers. Prep fluid & nitrogen equip for 1<sup>st</sup> stage frac. Begin pumping pad stage, 4-1/2" x 9-5/8" BH annulus psi increased to 270#. SD pumping, open BH to FB tank. Restart pumping & had flow out of BH again. Troubleshoot issue. Restart pumping & fluid down 4 1/2" csg. SD pumping. Pumped 40 bbl water down csg. SD pumping. RD release Halliburton & Basin Equip. SDFN.

**4/20/2018** Call into Reg Agencies to report csg leak @ 339'-404' & request permission to squeeze. **Rcv'd verbal permission to squeeze from BLM (William Tambekou) & NMOCD (Brandon Powell).** SDFN.

**4/21/2018** RU cementers; mix & pump 30 bbl 15.8 ppg cmt down tbg & up 4 1/2" prod csg and 9-5/8" surf csg. 7 bbl returns to surf. Disp csg w/3.5 bbl water. **Est TOC @ 250'.** RD cementers. RD.

**4/23/2018** MIRU AWS #942. ND WH. NU BOP. PT BOP. Test-OK. SDFN.

**4/24/2018** PU 3-7/8" blade bit, bit sub & drill collars. Tag cmt @ 65'. PU power swivel, est circulation. DO cmt from 65' - 387', circ well clean. Attempt to psi test csg from 387' to surf 500#. Dropped to 150# in 1 min. Cont DO cmt from 387' - 450', circ well clean. Attempt to psi test csg from 5163' - surface to 500#, psi dropped to 400# in 4 min. LD power swivel, TOH w/ tbg & drill collars. SDFN. Sched for MIT on 4/25 @ 9 am. **Rec'd verbal approval to MIT w/tbg in hole from NMOCD-Brandon @ 11:16 am,** left msg on BLM cmt line. Canceled MIT @ 4:19 pm.

**4/25/2018** Request permission to squeeze with OCD & BLM. **Rec'd verbal approval to squeeze BLM-A.G. @ 1:56 pm and from NMOCD-Brandon @ 1:57 pm.**

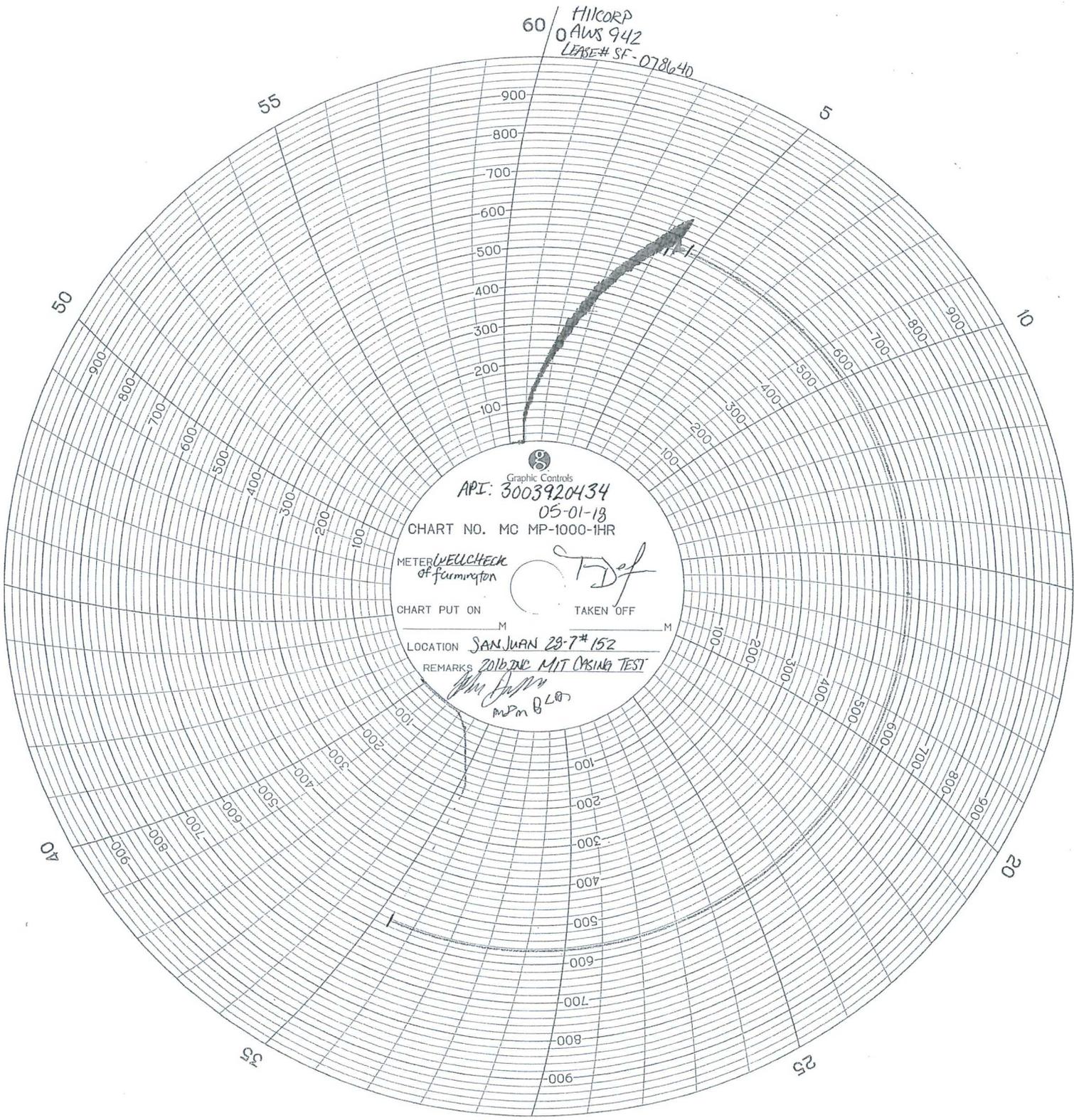
**4/26/2018** Attempt to psi test csg to 500#, bled down to 400# in 3 min. Attempt to psi test multiple times w/ same result. RU Halliburton cmt equip & lines. Mix & pump balanced plug 457' - 193' w/30 sx 23.7 CUFT, 0.79 yield, 13.2 ppg Micromatrix cmt to squeeze holes from 339'-404'. RU cmt crew to csg valve. Hesitate squeeze. Squeezed .25 bbl @ 705#, dropped to 380# in 27 min. Psi up to 530#, held 13 min. Psi up to 650#, held 39 min. Psi up to 951#, dropped to 790# in 13 min. Psi to 883#, held at 860# 15 min. SI well with 860#. Squeezed total 0.5 bbls. SDFN.

**4/30/2018** PU 3 7/8" cone bit, bit sub, TIH w/ drill collars & tbg, tagged cmt @ 305'. Est circulation, circulated cmt water out. DO cmt from 305' - 457'. PSI test csg @ 335' 387' & 420' for 5 min, all tested good. TIH to 484' & circulated well clean. Psi test csg from 5751' to surface 560# for 1 hr. Bleed off psi. LD swivel, TOH w/tbg, LD drill collars. SDFN.

**5/01/2018** RU Wellcheck. Conduct csg MIT to 565#, held for 30 min-good test. Witnessed by John Durham-NMOCD and Mark Decker-BLM. RD Wellcheck. LD RBP. Land 160 jts. 2-3/8" J-55 new tbg @ 5192'. CBP still in hole @ 5570'. RD floor, ND BOP, NU WH. SI well, SDFN.

Rig released @ 11:30 am 5/2/18.

HILCORP  
AWS 942  
LEASE# SF-078640



Graphic Controls  
API: 3003920434

05-01-13

CHART NO. MC MP-1000-IHR

METER WELLCHECK  
of Farmington

*OT Def*

CHART PUT ON

TAKEN OFF

LOCATION SAN JUAN 28-7# 152

REMARKS 2016 DUC MIT CYSLING TEST

*John Smith*  
MP in B L<sup>th</sup>