

Submit 1 Copy To Appropriate District Office  
District I – (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II – (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III – (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV – (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources  
**RECEIVED**  
MAR 20 2020  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
**EMNRD-OGDARTESIA**

Form C-103  
Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-45442
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other SWD-1846-0		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Black River Water Management Company, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 5400 LBJ FREEWAY, STE 1500, DALLAS, TX 75240		7. Lease Name or Unit Agreement Name FAULK SWD
4. Well Location Unit Letter P : 161 feet from the S line and 515 feet from the E line Section 32 Township 22S Range 28E NMPM County EDDY		8. Well Number 007
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3026'		9. OGRID Number 371287
		10. Pool name or Wildcat SWD;DEVONIAN

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:  
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:  
REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐  
OTHER: Acid Jobs, Step Rate Test & Initial Injection ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

02/13/20 Performed 2000 gal 15% HCl acid treatment prior to BHP step rate test. Measured BHP on flush with fresh water (.433 psi/ft gradient) before acid hit formation - it was 6587 psi. We then calculated BHP during step test after acid hit formation - 6391 psi. Please see attachments.

03/02/20 Acidized open hole w/ 61,692 gal 15% HCl, 98,823 gal gel. Avg rate 14.7 bpm, avg 1101 psi.

03/04/20 Date of initial injection. Injected volume: 7,957 bbls. Avg injection pressure: 521 psi.

\*During commissioning (3/4) we were only able to run one pump; beginning 3/6 we ran all three pumps with volume of 28,473 bbls @ injection pressure of 2335 psi.

TVD/MD 14505'/14510'

Spud Date:

11/15/2019

Rig Release Date:

12/12/2019

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Ava Monroe TITLE Sr. Regulatory Analyst DATE 03/19/2020

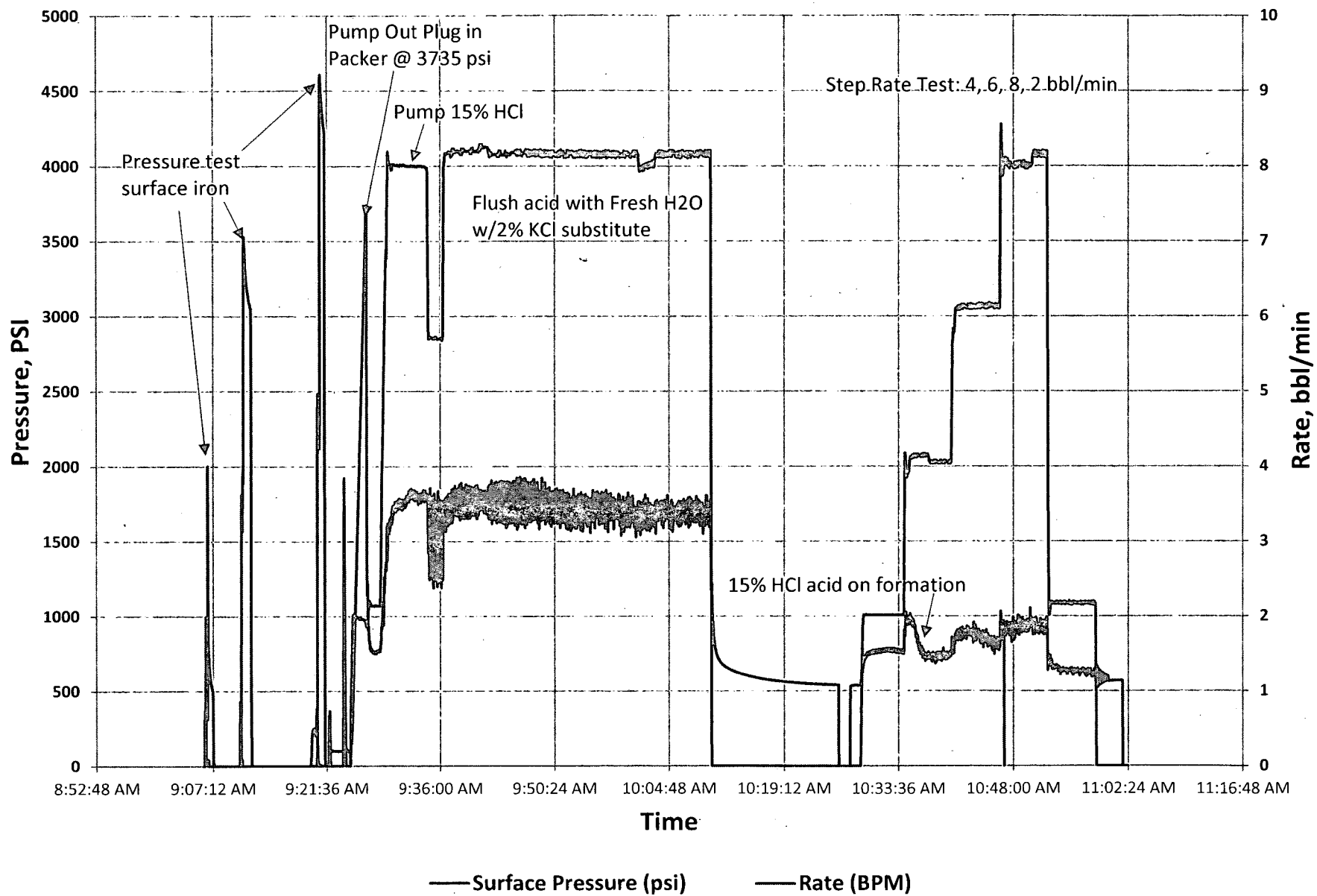
Type or print name Ava Monroe E-mail address: amonroe@matadorresources.com PHONE: 972-371-5218

**For State Use Only**

APPROVED BY: Dan L TITLE Compliance Officer DATE 4-1-20

Conditions of Approval (if any):

## Faulk SWD #7 Acid Treatment



Packer set depth 13441 ft  
 casing shoe 13510 ft  
 BHP on flush before acid 6587 psi  
 BHP after completion 6391 psi

Step-Rate Test Data		
Cumulative Time (min)	Rate (bbl/min)	Injection Pressure (psi)
5	4.0	736
10	6.0	861
15	8.0	923
20	2.0	627
25	0.0	571

