

Energy, Minerals and Natural Resources

Form 6-103  
Revised July 18, 2013

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

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-015-02252
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. State 648
7. Lease Name or Unit Agreement Name East Millman Unit
8. Well Number 153
9. OGRID Number 019958
10. Pool name or Wildcat Millman-Yates-SR-QN-GB-SA East
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3431' GR

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.)

1. Type of Well: Oil Well ☐ Gas Well ☐ Other Water Injection

2. Name of Operator

Stephens & Johnson Operating Co.

3. Address of Operator

P O Box 2249, Wichita Falls, TX 76307

4. Well Location

Unit Letter C : 660 feet from the North line and 1980 feet from the West line  
Section 14 Township 19S Range 28E NMPM County Eddy

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: After Remedial Work MIT ☒

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.

See Attached

Spud Date:

Rig Release Date:

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

SIGNATURE William M. Kincaid TITLE Petroleum Engineer DATE 8-9-23

Type or print name William M. Kincaid E-mail address: mkincaid@sjoc.net PHONE: 940-723-2166

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

SJ-0190

East Millman Unit #153

Millman Yates-SR-QN-GB-SA 7-10, 2023

WELL

FIELD East

DATE

30-015-02252

## Current Wellbore Status

KB ELEVATION \_\_\_\_\_

DF ELEVATION \_\_\_\_\_

GL ELEVATION 3428

PERMANENT WELL BORE DATA

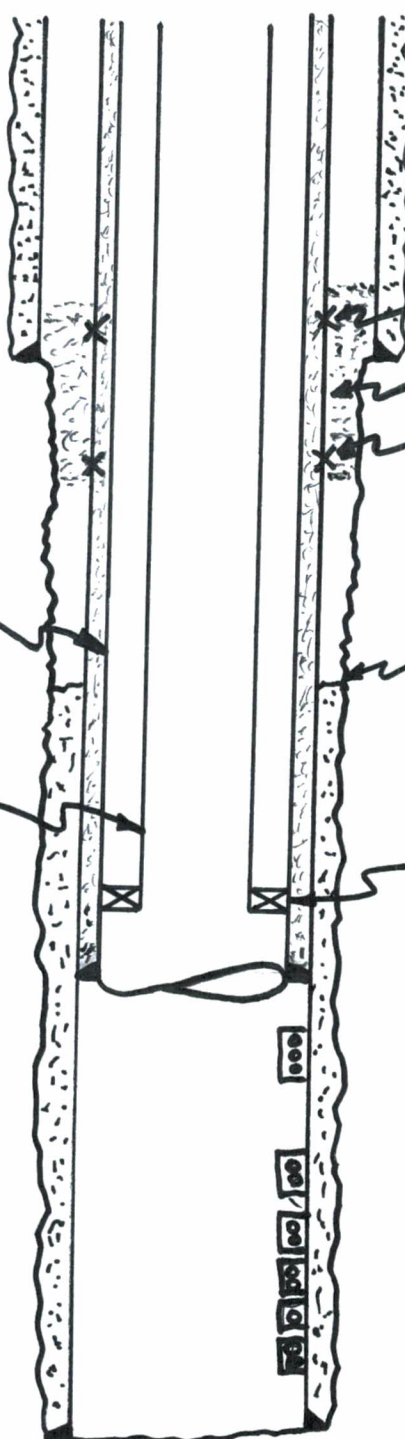
DATA ON THIS COMPLETION

10 3/4" Surface Csg Set  
at 320' w/75 SX cmt  
TOC at surface

2 7/8" EUE 8rd J-55  
tubing set at 1788'  
Cemented with 75 SX  
class 'C'. TOC at surface

2 1/16" IJ, 10 rd, 3.75 lb/ft,  
J-55 Tubing with internal  
Composite Lining

4 1/2" 11.6 # Production  
Csg Set @ 2294'  
cmt w/300 SX  
TOC @ 1146' (calculated)



Top of leak in 4 1/2" Csg  
at 300'

100+ sacks of cement  
behind 4 1/2" Csg (300-500')  
Bottom of leak in 4 1/2" Csg  
at 500'

TOC @ 1146' (calculated)

2 7/8" Nickel Plated AD-1  
Injection Packer  
set at 1758'

Queen Perfs:  
1816-1834

Grayburg Perfs:

2060-2063  
2068-2071  
2086-2092  
2098-2106  
2135-2140

PBTD - 2289'  
TD - 2296'



Page 2 (C-103 Attachment)  
Stephens & Johnson Operating Co.  
East Millman Unit No. 153  
API No. 30-015-02252  
Eddy County, New Mexico

Well Data:

Elevation: 3428' GL  
Total Depth: 2296'  
PBTD: 2294'  
Surface Csg: 10 3/4", 32.75# set at 320', cmt w/75 sx, TOC  
calculated @ surface  
Prod. Csg: 4 1/2", 11.6# set @ 2294', cmt w/300 sx,  
TOC calculated to be @ 1146'  
Liner: 2 7/8", 8rd, J-55 tubing set at 1788', cemented with  
75 sx. TOC at surface.  
Perfs: 1816'-1834'; 2060'-2063'; 2068'-2071'; 2086'-2092';  
(DF depths) 2098'-2106'; 2135'-2140'  
Tubing: 2 1/16" IJ, 10rd, 3.75#, J-55 tubing with inter-  
nal composite lining set at 1758' with Nickel  
plated AD-1 Injection packer.

Remedial Work Procedure

01/27/23 TOOH w/56 jts plastic coated tubing and 4 1/2" John-  
son 101S packer, TIH w/ 3 7/8" bit, 4 1/2" scraper  
and 2 3/8" tubing work string. Tagged up @ 2066'.  
Rotated tubing but could not make any hole. TOOH  
w/tubing, scraper and bit.

01/30/23 TIH w/3 7/8" bit, 4 - 3 1/8" drill collars and 60 jts  
2 3/8" tubing. RU swivel and drilling head and start  
cleaning out fill. 4 1/2" casing began leaking just  
below ground level. TOOH w/tubing, drill collars and  
bit.

01/31/23 Replace 4 1/2" landing joint that was badly pitted  
and leaking. Replace all valves on bradenhead. TIH  
w/3 7/8" bit, 4 - 3 1/8" drill collars and 52 joints  
of 2 3/8" tubing. SDFN.

02/01/23 Shut down due to cold weather.

02/02/23 TIH w/8 jts of 2 3/8" tubing and tag fill at 2070'.  
Cleaned out fill to PBTD 2289'. TOOH w/tubing, drill

collars and bit. TIH w/RBP, packer and 2 3/8" tubing. Set RBP @ 1792'. Tried to locate casing leak w/packer. Sheared packer. TOO H w/tubing and packer. Dump 100 lb sack of sand on top of RBP.

02/03/23 TIH w/4 1/2" AD-1 packer and tubing and determine that there is a 200' bad section of 4 1/2" casing from 500' back up to approximately 300'.

02/06/23 Shut down waiting on cements.

02/07/23 Pump 100 sx Class "C" cement down 4 1/2" casing at 2 BPM at 420 psi increasing to 485 psi. Pump 4 bbls of displacement. Shut down. SICP at 600 psi.

02/08/23 TIH w/bit, 4 drill collars and tubing. Tag cmt at 287'. Drilled to 296' and getting green cmt. Shut down to give cmt time to cure.

02/09/23 Started drilling cmt at 296'. Good cmt in returns. Fall through cmt at 487'. Pressured system to 500 psi. Lost 20 psi in 45 minutes. TIH and circulate sand off of RBP. TOO H w/tubing, drill collars and bit. TIH w/retrieving head, latch on to RBP and TOO H.

02/10/23 TIH w/packer and set @ 1764'. Acidize perforations with 1,500 gals of 15% NeFe. Flowed back 72 bbls of fluid. Install chart recorder and run MIT on 4 1/2" casing. Did not pass MIT. Pressure dropped from 400 psi to 0 psi in 20 minutes. TOO H w/tubing and packer. TIH w/4 1/2" EZ drill composite bridge plug and set it at 1790' on wireline. TIH w/4 1/2" packer and tubing, set packer at 1764'. Test composite plug to 1,500 psi. Held OK. TOO H w/tubing and packer.

02/13/23 TIH w/2 7/8" OSP float shoe and 2 7/8" EUE 8rd J-55 tubing for a slim hole completion as follows: 2 7/8" OSP float (1.35'), 2-4' x 2 7/8" tubing subs (8.30'), 1-8' x 2 7/8" tubing sub (8.20'), 55 jts new 2 7/8" EUE 8rd 6.5 lb/ft J-55 tubing (1770.20') set at 1788.05'. Install 4 1/2" x 2 7/8" Larkin "K" tubing head. Cmt 2 7/8" tubing inside 4 1/2" casing w/75 sx Class "C" cmt, 2.25 BPM at 690 psi. Pump 10.3 barrels of water displacement, 2.5 BPM at 1,025 psi squeezing cmt out casing leak in 4 1/2" casing from 300' to 500'. Finish pumping displacement water at

2.5 BPM at 1,100 psi and got 3 barrels of good cement slurry back to surface between the 2 7/8"-4 1/2" annulus.

02/14/23 Shut down due to high winds.

02/15/23 TIH w/slim hole drill out collars and drill pipe and drill out shoe @ 1788'. Shut down due to high winds.

02/16/23 Drill out composite plug at 1790'. Run bit to PBTD of 2289'. TOOH w/drill string. Close well in and wait on 2 1/16' tubing and 2 7/8" x 2 1/16" slim hole injection packer.

07/06/23 Install 2 7/8" x 2 1/16" Larkin tubing head. TIH w/2 7/8" x 2 1/16" nickel plated AD-1 injection packer, 2 1/16" x 1 3/4" 10rd cross-over IJ box (nickel plated), 55 jts of new 2 1/16" IJ 10rd, 3.75 lb/ft, J-55 tubing w/internal composite lining. Circulate packer fluid into annulus and set packer at 1758'.

07/10/23 Run post workover MIT witnessed by David Alvarado with NMOCD.



South District  
Phone: (575) 241-7063

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division South District

## BRADENHEAD TEST REPORT

Operator Name <i>Stevens &amp; Johnson Operating Co.</i>		API Number <i>30-015-02252</i>
Property Name <i>East Millman Unit</i>		Well No. <i>153</i>

## 7. Surface Location

UL - Lot <i>C</i>	Section <i>14</i>	Township <i>19S</i>	Range <i>28E</i>	Feet from <i>660</i>	N/S Line <i>N</i>	Feet From <i>1980</i>	E/W Line <i>W</i>	County <i>Eddy</i>
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## Well Status

TA'D Well YES NO	SHUT-IN YES NO	INJECTOR <i>(INJ)</i> SWD	PRODUCER OIL GAS	DATE <i>7/10/2023</i>
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## OBSERVED DATA

	<i>10 3/4</i> (A) Surf-Interm	<i>4 1/2</i> (B) Interm(1)	(C) Interm(2)	<i>2 7/8</i> (D) Prod Csg	<i>1 1/2</i> (E) Tubing
Pressure	<i>None</i>	<i>None</i>		<i>None</i>	<i>None</i>
Flow Characteristics					
Puff	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	CO2 _____
Steady Flow	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	WTR <i>X</i>
Surges	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	GAS _____
Down to nothing	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	If applicable type
Gas or Oil	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	fluid injected for
Water	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	Waterflood

If bradenhead flowed water, check all of the descriptions that apply:

CLEAR	FRESH	SALTY	SULFUR	BLACK
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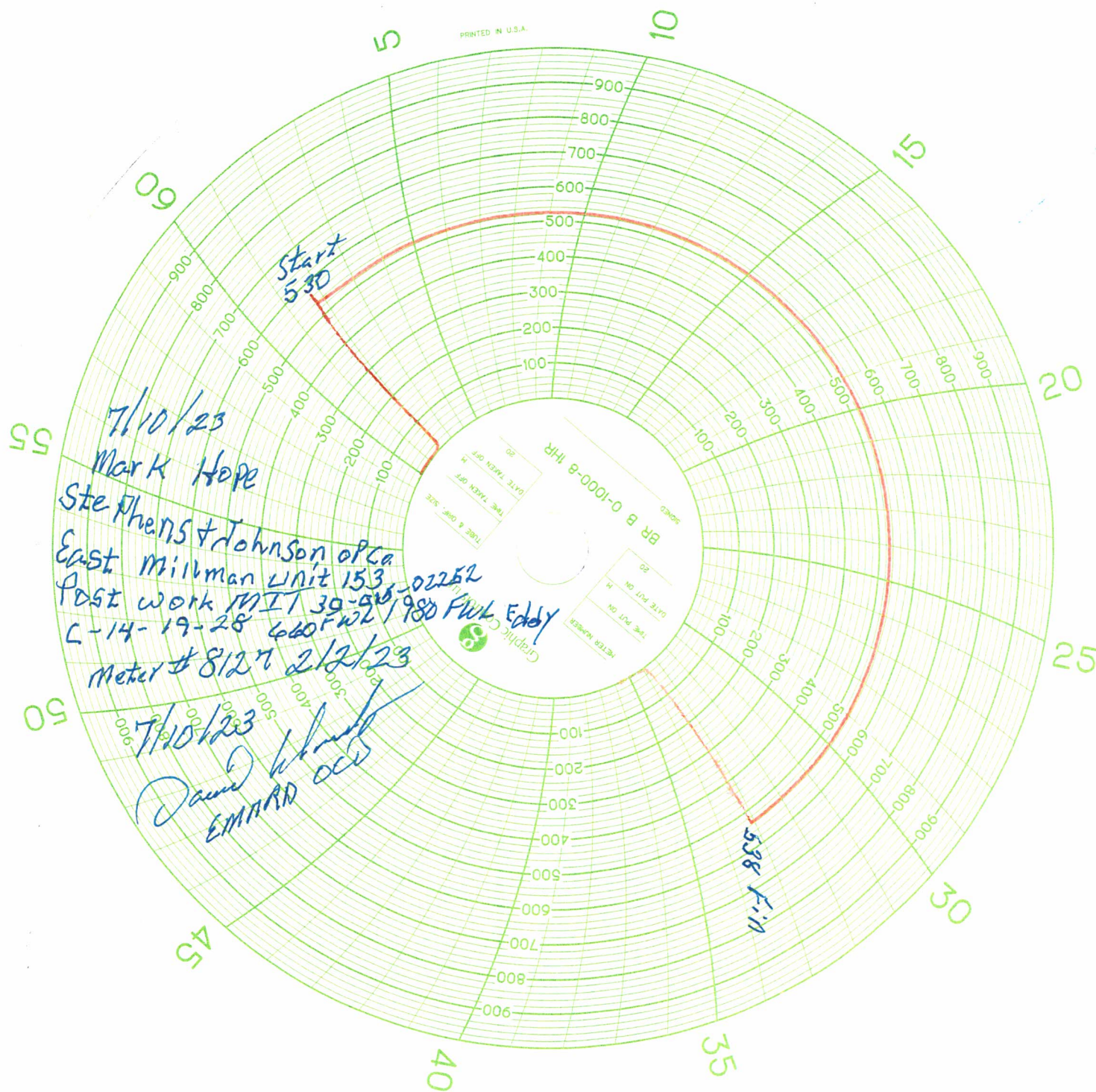
Remarks: Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

*10 3/4" surf zero*  
*4 1/2 Inter. zero*  
*2 7/8 prod zero cont surf*  
*PKR Set @ 1758'*  
*Top Perfo 1816'*

Signature: <i>Mark L. Hope</i>	OIL CONSERVATION DIVISION
Printed name: <i>Mark L. Hope</i>	Entered into RBDMS
Title: <i>Supervisor</i>	Re-test
E-mail Address: <i>hope-mark53@yahoo.com</i>	
Date: <i>7/10/23</i>	Phone: <i>505-670-8745</i>
<i>David Alvarado</i>	Witness: <i>David H. Schmidt</i>

REC'D AUG 07 2023





**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 250083

CONDITIONS

Operator: STEPHENS & JOHNSON OP CO P.O. Box 2249 Wichita Falls, TX 76307	OGRID: 19958
	Action Number: 250083
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	8/21/2023