

Energy, Minerals and Natural Resources

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.

30-015-02256

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

State 648

7. Lease Name or Unit Agreement Name

East Millman Unit

8. Well Number 1

9. OGRID Number 019958

10. Pool name or Wildcat

Millman-Yates-SR-QN-GB-SA East

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 A : 990 feet from the North line and 330 feet from the East lineSection 15 Township 19S Range 28E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
 3454' GR

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: ☐

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

Approved for plugging of well bore only. Liability under bond is retained pending Location cleanup & receipt of C-103Q (Subsequent Report of Well Plugging) which may be found at OCD Web Page, OCD Permitting @ www.emnrd.state.nm.us

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 EngineerDATE 8-10-23Type or print name William M. KincaidE-mail address: mkincaid@sjoc.netPHONE: 940-723-2166**For State Use Only**

APPROVED BY:

[Signature]

TITLE

*Staff Manager*DATE 9/7/23

Conditions of Approval (if any):

Page 2 (C-103)

Stephens & Johnson Operating Co.
East Millman Unit Well No. 1
API No. 30-015-02256
Eddy County, New Mexico

Well Data:

Total Depth: 2295'
PBSD: 1685' (CIBP set @ 1720' w/35' of cmt on top)
Surface Csg: 7" 17# set @ 525' KB, cemented w/125 sx, TOC @ surface

Prod. Csg: 4 1/2", 11.6# set @ 2293', cmt w/115 sx
TOC @ 1444', CBL 5/17/2023

Perfs: 1796'-1808'; 1824'-1830'
CIBP set at 1994' (11-5-1963)
2068'-2074'; 2192'-2198';
2204'-2210'; 2248'-2252'

Plug and Abandonment Procedure

05/15/23 TIH w/2 3/8" tubing work string and tag cement on top of CIBP at 1687'. Pressure test CIBP and 4 1/2" casing to 500 psi. Slowly leaked to 0 psi. Will need to locate casing leak. TOOH w/tubing.

05/16/23 TIH w/4 1/2" AD-1 packer and tubing. Set packer at 1673'. Pressure test CIBP to 550 psi. Held OK. Pressure casing to 640 psi for 30 minutes, no pressure loss. Pull one stand of tubing and set packer at 1609'. Pressure tubing to 600 psi. Holding OK. Pressure casing to 500 psi. Held OK for 15 minutes. TOOH w/tubing and packer.

05/17/23 Open up well and top off casing with fresh water. Conduct 30 minute bubble test. Well is static. Ran Radial CBL w/Gamma Ray from 1686' back to surface. TOC @ 1444'. TIH w/tubing to 1673'. Circulate hole w/30 barrels of 9.5# mud. TOOH w/tubing. RIH w/wireline and perforate 4 1/2" casing w/4 squeeze holes at 1136'. TIH w/4 1/2" AD-1 packer and tubing and set packer at 647'. Pressure annulus to 300 psi.

Pump mud down tubing and out squeeze holes at 1136' @ 3 BPM at 100-300 psi. No returns at surface. Shut down.

05/18/23 Move packer and set at 615'. Pump 85 sx cement down tubing and out squeeze holes at 1136'. No returns at surface. WOC 4 hours. Release packer, TIH w/tubing to 1158'. Did not tag cement. Set packer at 615'. Pump 50 sx cement down tubing and out squeeze holes at 1136'. WOC 4 hours. Release packer, TIH w/tubing and tag cement at 1132'. Set packer at 1093'. Pump down tubing at 2 BPM at 150 psi. Release packer, move up hole and set packer at 615'. Pump 50 sx cement down tubing. Displace tubing with 3 barrels of fresh water. SDFN.

05/19/23 Open well, tubing is static. TIH w/tubing and tag cement at 762'. TOO H w/tubing. Dump 50' of cement with wireline bailer on top of cement at 762. TOC now at 712'. Perforate squeeze holes in 4 1/2" casing at 575'. Pump 265 sx cement down 4 1/2" casing, out squeeze holes at 575' and back up surface hole @ 465 psi. No returns at surface. SD one hour, pump 175 sx cement at 385 psi. Getting slight blow at surface but no returns. Sut down for weekend.

05/22/23 Tie onto casing w/reverse unit pump. Unable to pump down 4 1/2" casing. Cement only one foot from surface. Ordered to drill out cement in 4 1/2" casing by NMOC D. Need to get below squeeze holes at 575' and tag cement plug at 712'

05/23/23 Drill out cement inside 4 1/2" casing. Fell out of
To cement at 620'. Then tag cement at 723'. TOO H with
05/24/23 drilling string. SDFN.

05/25/23 TIH w/wireline and perf squeeze holes at 673'. TIH w/packer and tubing, set packer at 602'. Pressure tubing to 600 psi. Unable to establish rate. Pressure will bleed off to 350 psi and stop. TOO H w/tbg and pkr. TBIH w/tbg. Spot balanced cement plug from 698' back up to 575'. WOC 4 hours. Open well and had water flow. Clear 4 1/2" casing of cement down to squeeze holes at 673'. TOO H w/tbg. TIH w/wireline and shot additional squeeze holes at 665'. Ran packer on one stand of tubing and set at 64'. Pump 113 sx cement down tubing and out squeeze holes at 665' and

673'. Displace cement to 500'. SI well with 510 psi on tubing. SDFN.

- 05/26/23 Tubing pressure was 275 psi. Bled off pressure and well is static. TIH w/tubing, tag cement @ 450'. TOOH w/tubing. TIH w/wireline and perf squeeze holes at 445'. TIH w/tubing and packer, set packer at 64'. Pump 80 sx cement down tubing and out squeeze holes @ 445'. Displace cement to 375'. SI well with 300 psi on tubing. WOC 4 hours. Open tubing and had a water flow. Pump 60 sx cement down tubing and out squeeze holes @ 445' and displaced cement to 300'. SI well with 425 psi on tubing. Shut down for weekend.
- 05/30/23 Tubing on slight vacuum, then well was static. TOOH w/tubing and packer. TIH with open ended tubing. Tag cement @ 277'. TOOH w/ tubing. TIH w/wireline and perf squeeze holes @ 250'. Pump into squeeze holes at 250' at 2.5 BPM at 0 psi, no returns to surface. Pump 100 sx cement down 4 1/2" casing and out holes at 250' on a vacuum. SI well and WOC 4 hours. Pump 100 sx cement down 4 1/2" casing @ 40 psi. SI and casing went on vacuum. Flush cement past squeeze holes at 250'. SDFN.
- 05/31/23 Open well, 4 1/2" casing and surface casing are static. Pump 80 sx cement down 4 1/2" casing at 40 psi. Displaced cement passed perfs at 250'. SDFN.
- 06/01/23 Open well, 4 1/2" on vacuum and then was static. Surface casing is static. Pump 85 sx cement down 4 1/2" casing and out squeeze holes at 250'. WOC 2 hours. Pump 330 sx cement down 4 1/2" casing and out squeeze holes at 250' at 125 psi. No returns at surface. SDFN.
- 06/02/23 Open 4 1/2" casing and was on a slight vacuum then was static. Pump 2 stages of 166 sx of cement per stage down 4 1/2" casing and out squeeze holes at 250'. Pressure climbed to 275 psi on second stage prior to breaking back to 75 psi. Shut well in for weekend.
- 06/05/23 Open 4 1/2" casing and was on a vacuum then was static. Pump down 4 1/2" casing at 2 BPM at 400 psi but no returns to surface. 4 1/2" casing will hold 135 psi. Rig down well service unit. SDFN.

- 06/06/23 Open 4 1/2" casing and well is static and hole is standing full of fluid. TIH w/wireline to run Radial cement bond log. Tagged up 224'. Run CBL. TOC at 210'. Shot squeeze holes at 200'. Pump 3 stages of cement out holes @ 200', 1st stage: 50 sx, 2nd stage: 50 sx, 3rd stage: 75 sx. No returns. SDFN.
- 06/07/23 Open 4 1/2" and well was on a vacuum and then was static. Pump 3 stages of cement out holes at 200', Stage 1: 50 sx, Stage 2: 50 sx Stage 3: 75 sx. Pressure never gained above 35 psi. Shut down to WOC and to get service rig back on well.
- 06/13/23 Rig up well service rig. Dig out cellar. Install 4 1/2" lift sub on 4 1/2" casing. RU Rotary wireline and RIH and cut 4 1/2" casing @ 195'. Casing did not move. Casing is stuck and would not come loose after working casing for several hours.
- 06/14/23 Rotary Wireline ran free point. 4 1/2" casing is 100% stuck at 125' and 100% free at 90'.
- 06/15/23 TIH with bit and 2 3/8" tubing to make sure 4 1/2" casing is clear. Tag up at 110'. Wash down to 195' getting full returns. With bit @ 195'+ lost circulation and well on vacuum. Cleaned hole to 197'. TOOH w/tubing and bit.
- 06/16/23 Open 4 1/2" casing. Well is static. Shut down for weekend.
- 06/19/23 RIH w/4 1/2" cement retainer and set retainer at 194'. Sting out of retainer. Load casing with fresh water. Sting back into retainer. Pump 250 sx cement stinging out of retainer and leaving cement inside 4 1/2" casing. TIH w/wireline and tag cement at 105'. Shoot squeeze holes at 90'. Pump cement down 4 1/2" casing and out holes at 90' until getting cement circulated back to surface and out surface casing and out into cellar. Shut down. Well is static with no movement and cement at surface.
- 06/21/23 Dug out cellar. Welder cut off casing 4' below ground level. 4 1/2" casing and 7" surface casing full of cement. Welded plate on 7" casing and installed dry hole marker. Dug out anchors and cut off 4' below ground level.

WELL COMPLETION SKETCHES

SJ-0190

East Millman Unit No. 1

Millman Yates-SR-QN-GB-SA

6-21, 2023

WELL

FIELD

East

DATE

Plug and Abandonment

KB ELEVATION 3456'

DF ELEVATION

GL ELEVATION 3454'

PERMANENT WELL BORE DATA

DATA ON THIS COMPLETION

7" 17# surf Csg set @ 525'
w/ 25 SX cmt.
TOC @ surf

Note: Pumped a total of
1,027 SX cmt out squeeze holes
at 250'. Pumped a total of
175 SX out squeeze holes
at 200'. Pumped 250 SX cmt
through cmt retainer.
Circulate cmt back to surface
through holes at 90'.

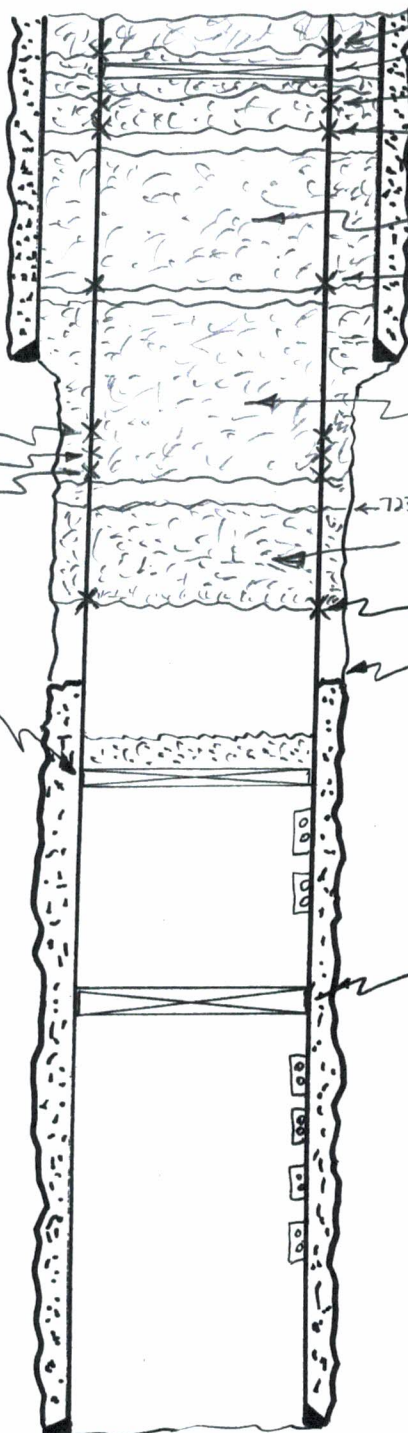
Squeeze holes @ 575'

Squeeze holes @ 665'

Squeeze holes @ 673'

CIBP set @ 1720' w/ 35'
OF cmt on top - TOC @ 1685'

4 1/2" 11.6# Production casing
set @ 2293 KB, Cemented
with 115 SX.
TOC @ 1444'
CBL 5/17/2023



Squeeze holes at 90'
Cement Retainer @ 194'
* Cut 4 1/2" @ 195' - csg stuck
Squeeze holes @ 200'
Squeeze holes @ 250'

80 SX + 60 SX cmt 277' - 445'

Squeeze holes @ 445'

113 SX cmt 450' - 673'

4th plug 50' cmt - TOC @ 723'

3rd plug 50 SX tag cmt @ 762'

2nd plug 50 SX tag cmt @ 1132'

1st plug - 85 SX no cmt inside 4 1/2"

Squeeze holes @ 1136'

TOC 1444' CBL 5/17/23

Queen Perfs:

1796-1808, 1824-30

CIBP @ 1994 11-5-1963

Conv. To WIW

Grayburg Perfs:

2068-74, 2192-18

2204-10, 2248-52

PBTD - 2293'

TD - 2295'

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

CONDITIONS

Action 251968

CONDITIONS

Operator: STEPHENS & JOHNSON OP CO P.O. Box 2249 Wichita Falls, TX 76307	OGRID: 19958
	Action Number: 251968
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	9/7/2023