

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

Form C-103
Revised July 18, 2013

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

WELL API NO.
30-025-43901

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Ryno SWD

8. Well Number 001

9. OGRID Number
372311

10. Pool name or Wildcat
SWD;Devonian

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 ☒ SWD

2. Name of Operator
Goodnight Midstream Permian, LLC

3. Address of Operator
5910 North Central Expressway, Suite 580, Dallas, TX 75206

4. Well Location

Unit Letter H : 1450 feet from the North line and 708 feet from the East line
Section 17 Township 21S Range 36E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3612' GL

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: Completion

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.

Completion operations began on 08/17/2018 per attached. Well was swabbed for content, water samples were taken and sent to Cardinal Labs and the analysis sent to the OCD from Cardinal Labs. MIT was performed and witnessed by the OCD.

Spud Date:

6/12/2018

Rig Release Date:

7/17/2018

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

SIGNATURE

Denise Jones

TITLE

Regulatory Analyst

DATE

1/30/20

Type or print name

Denise Jones

E-mail address:

djones@cambridgemanagement.com

PHONE:

432-620-9181

For State Use Only

APPROVED BY:

[Signature]

TITLE

DATE

02/12/2020

Conditions of Approval (if any):

08/17/18 b.o.p release packer equalize well broke circulation put on spot 2,500 gallons 15% hcl with 2% nefe displaced 50 bbls pull up the hole 1,000 ft reverse out clean off packer set packer pressure up on backside 500 psi end of tubing 10,551 ft packer set at 9,508 ft pressure up lines to 5,000 psi bleed off pressure open well pump 25 bbls f/w never seen well break pumping in at 1,150 1.5 bbls per minute increase rate up to 2.5 bbls per minute 2,200 psi shut down. 25 min well bled down to 0 come back on line 2.5 bbls per minute pressure up to 1,787 psi switch to acid pump 122 bbls of acid increase rate to 3 bbls per minute pressure increased up to 3,050 psi acid on formation at 3.5 bbls per minute 2,992 shut down let acid soak well went to 0 psi come back on line at 497 psi pumped 500 pounds of salt finish acid pump 1,500 pounds of salt not seeing any rock action switch back over pumping 4,000 gallons of acid increase rate up to 4 bbls a minute started back on acid rate increases from 1,882 to 2,669 increase rate to 4.7 pressure 3,506 drop another 1,500 pounds of salt. Rate 5.2 pressure 4,116 finish up with stage at 5.2 rate pressure 4,103 drop 1,500 pounds of salt pressure increased to 4,232 psi switch back to acid seen rock action back on acid at 3,928 psi rate of 5.2 total salt pumped 4,500 pounds. Finish up on acid total acid pumped 22,500 gallons 752 total bbls 4,256 psi 5.2 rate on the last stage isip 2,331 in 5 min down to 1,999 35 min down to 0. Average treating pressure 3,248 max treating pressure 4,336 flush well with 200 bbls f/w fwi we did check acid on location acid checked over 15% shut well in shut down.

08/21/18 Well on slight vacuum. Rig up Acquire Oilfield Solutions. Fill up acid tanks with 290 bbls fresh water each. Acid delivered on location, 32% raw acid. Rolled and mixed into acid tanks for a total of 1000 bbls of 15.8% acid. Pressure tests lines 5000 PSI. Open well. Load tubing 8 bbls. Switch to acid. Pump into at 20 PSI. Walk rate up to 8 bbls per minute. Pump 200 bbls of acid and 200 bbls of fresh water. False reading on bbls per minute. Actual bbls per minute unknown. Started second stage on acid. Switch centrifugal. Pump next four stages at 5.8 to 6 bbls per minute. Pressure on acid 4200-4400. Pressure on flush fresh water 4800-4900. Average treating pressure 4600. 40,000 gallons total of acid. 40,000 gallons total of fresh water. Shut well in. 2612 PSI on ISIP. 5 minutes in, tubing pressure 2232.

08/22/18 Well on slight vacuum. Release treating packer. Trip back in hole with 30 joints to 11,412 ft. Load hole with 60 bbls. Pump additional 140 bbls at 3.5 bbls per minute. Getting 1 bbl back in returns. Start out of hole, laying down 2-7/8" PH8 workstring. Got out with 254 joints. Shut well in, shut down. Forecast: Will lay down remaining tubing next am.

08/23/18 Finish laying down remaining work string and treating packer. Rig up Renegade Wireline. Run in with guage ring to 10,530 ft. Getting on depth with 2 DV tools. First DV tool picked up at 5,970 ft. Second DV tool on depth at 7,945 ft. POOH with guage ring. Pick up setting tool and 7-1/2" permapack. 7-1/2x3-1/2 Arrow w/ 3-1/2x2.81 F and a 2.75 R x 3-1/2 landing nipple and a 3-1/2 pump out plug. Go in hole, got on depth at 5,970 ft. Got on depth at 7,945 ft. Go in hole to 10,510 ft. Set permapack 10 ft above next collar at 10,520 ft. POOH. Rig down Renegade Wireline. Move workstring off of pipe racks. Unload 4-1/2" injection string on to racks. Reload workstring delivered to Graco's yard in Odessa. Change out blinds on BOP to 4-1/2". Shut well in, shut down for day. Forecast: will start running tubing next am

08/27/18 Finish tripping in hole with 4-1/2" injection string, total of 256 joints. 1, 6' sub. 1, stainless steel nipple. Tubing hanger. Space well out. Circulate 365 bbls 2% KCl and packer fluid. Seat tubing hanger into well head. 37k setting on permapack. Pressure test annulas 600 lbs, held for 30 minutes. Tested casing 2000 lbs, held. Pump out pump out plug. Pump 40 bbls of flush behind.

08/28/18 Rig up to do step test. Start injecting 3 bbls for 45 minutes. 4 bbls for 45 minutes. 5 bbls for 45 minutes. 6 bbls for 45 minutes. 7 bbls for 45 minutes. Pump in rate 3000 PSI. Drop back down to 5 bbls. Finish out at 2700 PSI. Pump total of 2575 bbls. Top pump in 3000 PSI at 7 bbls. Lowest pump in 250 PSI at 3 bbls. Final pump in at 5 bbls 2700 PSI. Shut well in. ISIP was 2577. 5 minutes 2377 PSI. 10 minutes 2244 PSI. 15 minutes 2117 PSI. Shut well in. Rig down Acquire Oilfield Solutions, clean up location. Rig down well service unit. Well ready for MIT.