

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

Form C-103  
Revised July 18, 2013

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

WELL API NO.  
30-015-45235

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name  
Red Road SWD

8. Well Number 1

9. OGRID Number 372338

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 ☒ NM OIL CONSERVATION

2. Name of Operator  
NGL Water Solutions Permian LLC

ARTESIA DISTRICT

3. Address of Operator  
1509 W wall St, Suite 306, Midland, TX 79701

MAR 07 2019

4. Well Location P 510 South 1167 East  
Unit Letter feet from the line and feet from the line  
Section 26 Township 23S Range 31E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3465 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 ☐  
Completion Operations. ☒  
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.

1/21/2019 - R/U casing crews and run injection string consisting of 134 jts (5,657') of 5-1/2" 17# P110 TCPC and 262 jts (10,794') of 7" 26# P110 LTC Duoline internally coated pipe. The permanent packer set at a depth of 16,451' Pipe was ran with rig. This information IS on the final sundry for Liner to TD.

MIT has not been conducted on this well yet and it is not on injection so we will need to file those sundries when they occur.

↑  
\* ? Where is  
Sundry? AB

Spud Date: 11/15/18

Rig Release Date: 1/22/19

AB  
2/2/20

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

SIGNATURE Sarah Jordan TITLE

Manager Regulatory Compliance

DATE 3.7.19

Type or print name: Sarah Jordan

E-mail address: sarah.jordan@nglep.com

PHONE: 432/685-0005

For State Use Only

APPROVED BY: Accepted for record TITLE

DATE

Conditions of Approval (if any): NMOC



# RED ROAD SWD #1



TUBULARS						WELL INFORMATION		DIRECTIONS TO SITE		PROPOSED INJECTION INTERVAL			
STRING DETAILS (Size, W/P, Grade, Conn)	HOLE SIZE (in.)	O.D. (in.)	I.D. (in.)	HOLE DEPTH (ft)	SET DEPTH (ft)	RIG	API #	From 1st, NM - Travel 34.7 miles West on NM-128. Turn right onto Red rd and travel North. After 1.4 miles, turn left (West) and location is 0.2 miles West of Red Rd.	Devonian, Silurian, Fossiliferous, Montoya				
20" 54P J-55 BTC	24	20.000	19.124	1,080'	1,065'	Frontier #32	3D-015-45235						
13.375" 58P HCL-80 BTC	17.5	13.375	12.415	4,560'	4,543'	County	Sec. 26 T2S 31E						
9.625" 53 5P P110 BTC	12.25	9.625	8.535	11,700'	11,662'	S/7N	11.2712						
7.625" 39P HCP110 Liberty HIM	8.5	7.625	6.50	16,540'	16,513'	LATITUDE	-103.743470						
Open Hole Injection Interval	6.5	-	-	17,894'	-	LONGITUDE	11/16/2018						
						SPUD DATE	1/40/2019						
STRING COMPONENTS						HOLE INFORMATION / GEOLGIES		CEMENT INFO		INJECTION STRING			
COMPONENT	O.D.	I.D.	Top	Bottom									
DV Tool	13.375	12.415	1,074'	1,037'		24" Surface Hole T.D. = 1080'		20 bbls of Water based spacer followed by 215 bbls, 795 sacks, 13.7 ppg, 1.66 yield lean cement followed by 74 bbls, 373 sacks, 14.8, 13.42 yield tail cement. Drop wiper plug and bump at 850 psi, 500 psi over FCP with calculated displacement of 373 bbls. 83 bbls of cement to surface.		262 Jts of 7" 26P P110 TCPC Duoline coated injection tubing			
Surface Casing Shoe	20.000	19.124	-	1,065'				Stage 1: Pump 20 bbls of gel spacer followed by 13.7 ppg, 1.747 yield, HalCem cement. Dropped dart and displace with 675 bbls of fresh-water @ 80pm. Dropped dart and pressure up to open DV Tool. Circulated out 80 bbls.					
						Delaware Mtn Group (SH marker) - 4,450'		Stage 2: Pump 10 bbls of red dye fresh water spacer, 20 bbls of gel spacer followed by 218 bbls (590 sacks) of 13.7 ppg, 1.777 yield, HalCem Cement. Displace plug with 155 bbls of fresh water at 7 lpm. Circulated 35 bbls of cement to surface.					
1st Intermediate Casing Shoe	13.375	12.415	-	4,543'		Tamar Limestone - 4,455'		Stage 3: Pump 30 bbls of tuned 11.5 ppg spacer followed by 15.6 ppg, 1.232 yield, HalCem cement. Dropped plug and displace with 819 bbls of freshwater. Floats did not hold and attempted to pressure up to hole. Dropped opening bomb and pressure up to open DV Tool. No returns or cement to surface.					
						Bell Canyon - 4,500'		Stage 2: Pump 30 bbls of tuned 11.5 ppg spacer followed by 13.7 ppg, 1.717 yield, HalCem cement. Dropped plug and displace with 577 bbls of freshwater. Dropped upper DVT opening bomb and pressure up to open DV Tool. Full returns but no cement to surface.					
Weatherford DV Tool (Lower)						17.5" 1st Intermediate T.D. = 4560'		Stage 3: Pump 20 bbls of mud flush followed by 13.7 ppg, 1.744 yield, HalCem cement. Dropped plug and displace with 435 bbls of freshwater. Dropped upper DVT opening bomb and pressure up to open DV Tool. Full returns but no cement to surface. ESTIMATED TOC = 1400.		134 Jts of 5-1/2" 17P P110 TCPC Duoline coated injection tubing			
Weatherford Annular casing Packer (ACP/TCPC)						Cherry Canyon - 5,362'		Pump 30 bbls of Tuned Spacer III followed by 82 bbls (220 sa) of 11.9 ppg 2.09 yield lead cement.					
						Brushy Canyon - 7,178'		40 bbls (160 sa) of 13.2 ppg, 1.42 yield tail cement.					
						Bone Spring (Eocord) - 8,257'		Displaced cement with 20 bbls of freshwater, 200 bbls OBM, 10 bbls of tuned spacer, then 188 bbls of OBM. Bumped plug at 500 psi over 1200 psi FCP (calculated displacement of 418 bbls). Dropped ball to set liner and circulated 4 bbls of excess cement to surface.					
						Bone Spring Line 1 - 8,409'							
Weatherford Liner Hanger	8.535	7.625	11,033'	11,053'		Bone Spring Sand 1 - 8,830'				7-5/8" x 5-1/2" TCPC Permanent Packer with High Temp Elastomer and full Inconel 925 trim			
						Bone Spring Line 2 - 9,160'							
						Bone Spring Sand 2 - 9,330'							
						Bone Spring Line 3 - 10,472'							
						Bone Spring Sand 3 - 11,210'							
2nd Intermediate Casing Shoe	9.625	8.535	-	11,642'		Wolfcamp - 11,545'							
						12.25" 2nd Intermediate T.D. = 11700'							
						Pennsylvanian - 13,129'							
						Strom - 13,442'							
						Alaska - 13,557'							
						Morrow - 14,408'							
						Lower Morrow - 15,326'							
						Barrett - 15,619'							
						Mississippi Shale - 15,409'							
						Barrett - 15,619'							
						Miss. Line -							
						Devonian - 16,442'							
3rd Intermediate Liner Shoe	8.535	7.625	-	16,513'		8.5" 3rd Intermediate T.D. = 16540'							
						Elsden Carbonate - 16,872'							
						Devonian - 17,261'							
						Montoya - 17,695'							
						8.5" Injection Hole T.D. = 17894'							

IPT PERSONNEL: Johnny Musso (Field Ops Manager), Stacy Wimmer (Field Ops Manager), Trevor Smith (Drilling Engineer)

IPT WSS: Bill Magdole, Kevin Strimmon, Jeff Petty, Jackson Wehr

