Office State of New Mexico	Form C-103
Office District 1 – (575) 393-6161 RECEIVED ergy, Minerals and Natural R	esources Revised July 18, 2013
1625 N. French Dr., Hobbs, NM 88240	WELL API NO.
District II . (575) 748-1283 811 S. First St., Artesia, NM 88210 19 2011 CONSERVATION DIV	VISION 30-015-45235
District III - (505) 334-6178	5. Indicate Type of Lease STATE FEE
District III - (505) 334-6178 1000 Rio Brazos Rd. Aztes 1100 CD ARTES Fouth St. Francis I District IV - (505) 4 A AZTES 1100 CD ARTES Four NM 87.505	6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM	o. State on & Gas Bease 140.
87505	
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BA	7. Lease Name or Unit Agreement Name
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUC	
PROPOSALS.)	8. Well Number 1
1. Type of Well: Oil Well Gas Well Other	1
Name of Operator NGL Water Solutions Permian LLC	9. OGRID Number 372338
3. Address of Operator	10. Pool name or Wildcat
1509 W wall St, Suite 306, Midland, TX 79701	SWD: Devonian
4. Well Location 2 510 Co. d.	
4. Well Location P 510 South Unit Letter : feet from the	line and feet from the line
Section 26 Township 23S Range	
11. Elevation (Show whether DR, RKB	
3465 GR	interpretation
part training plant manners of the property of the second	The state of the s
12. Check Appropriate Box to Indicate Nature	e of Notice Report or Other Data
	of Notice, Report of Other Data
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON REI	MEDIAL WORK ☐ ALTERING CASING ☐
TEMPORARILY ABANDON	MMENCE DRILLING OPNS. □ P AND A □
	SING/CEMENT JOB
DOWNHOLE COMMINGLE	
CLOSED-LOOP SYSTEM	Completion Operations
OTHER: OTH 13. Describe proposed or completed operations. (Clearly state all pertine	HER:
of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For	
proposed completion or recompletion.	r Multiple Completions: Attach wellbore diagram of
	124 '4- (5 (57)) - 55 1/22 17# D110 TODO - 1260 '-
1/21/2019 – R/U casing crews and run injection string consisting of	
(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	a so we will need to file these syndries when they are we
with has not been conducted on this wen yet and it is not on injection	is so we will need to the those sunaries when they occur.
	•
`	
Sand Date: 11/15/18 Pio Pologo Date: 1	1/22/19
Spud Date: Rig Release Date:	
I hereby certify that the information above is true and complete to the best of	mu kinguladaa and hakiaf
Thereby certify that the information above is true and complete to the best of	my knowledge and benef.
Manager Re	egulatory Compliance
SIGNATURE SIGNAT	DATE () //
	ah iordan@nalen.com 432/685_0005
Type or print name E-mail address:	PHONE:
For State Use Only	
A DOD OLUGO DIV	DURLICATE
APPROVED BY: Accepted for reco	DUPU CATE
APPROVED BY: Conditions of Approval (if any): ACCEPTED for recommendation of Approval (if any):	DUPLICATE



RED ROAD SWD #1



	TUBUL	485				<u></u>	WELLINFORMATION	DIRECTIONS TO SITE	PROPOSED INJECTION INTERVAL
STRING DETAILS	HOLE SIZE	0.0.	I.D.	HOLE DEPTH	SET DEPTH	RIG	Frontier #32		
(Size, WPF, Grade, Conn)	(ln.)	(fn.)	(ln.)	(ft)	(ft)	API #	30-015-45235	· .	
20° 94# J-55 BTC	24	20.000	19.124	1,080	1,065	COUNTY	Lea	□	
13.375" 68# HCL-80 BTC	17.5	13.375	12.415	4,560"	4,543'	S/T/R	Sec. 26 235 31E	From Jal, NM - Travel 34.7 miles West on NM-128. Turn right onto	
9.625" 53.5# P110 BTC	12.25	9.625	8.535	11,700	11,662	LATITUDE		Red rd and travel North. After 1.4 miles, turn left (West) and location is 0.2 miles West of Red Rd.	Devonian, Silurian, Fusselman, Montoya
7.625" 39# HCP110 Liberty FiM	8.5	7.625	6.50	16,540'	16,513'	 	-103.743470	B 0.2 Miles West of ned nd.	
Open Hole Injection Interval	6.5		17,894'	16,513		11/16/2018			
open not injector interes		17,894			1/20/2019				
			<u> </u>			GL 3468			
STRING	COMPONEN	TS.				KB: 3498	HOLE INFORMATION / GEO TOPS	CEMENT INFO	INJECTION STRING
COMPONENT	O.D.	LD.	Тор	8tm		below in		20 bbls of Water based spacer followed by 235 bbls, 795 sacks, 13.7	
					392]	ppg, 1,66 yield lead cement followed by 74 bbls, 373 sacks,	
ool	13.375	12.415	1,034'	1,037				14.8,13.42 yelld tail cement. Drop wiper plug and bump at 850 psi, 500 psi over FCP with calculated displacement of 373 bbls. 83 bbls of	
ace Casing Shoe	20,000	19.124		1,065			24 " Surface Hole T.D. = 1080'	cement to surface.	
ace Casing Snoe	20.000	271224			7 🎆		24 Surface Hole 1.0. 4 1080		
								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	
							i	freshwater @ 8bpm. Dropped dart and pressure up to open DV Tool. Circulated out 80 bbls.	
								Circulated out 80 bbis.	•
							Deleware Mtn Group (SH marker) - 4,450'	Stage 2: Pump 10 bbls of red dye fresh water spacer, 20 bbls of gel	262 jts of 7" 26# P110 TCPC Duoline o
							Lamar Limestone • 4,455'	spacer followed by 218 bbls (690 sacks) of 13.7 ppg, 1.777 yield,	injection tubing
							Beil Canyon - 4,500'	HalCern C cement. Displace plug with 15S bblsof fresh water at 7 bpm. Circulated 35 bbls of cement to surface.	
Intermediate Casing Shoe	13.375	12.415		4,543*			17.5" 1st Intermediate T.D. = 4560'	li e	
							Cherry Canyon - 5,362'	Stage 1: Pump 30 bbis of funed 11.5 ppg spacer followed by 15.6	
					36		Brushy Canyon - 7,178'	ppg, 1.232 yield, HalCem cement. Dropped plug and displace with 819 bbls of freshwater. Floats did not hold and attempted to	
therford DV Tool (Lower)			 		123		Bone Spring (Leonard) - 8,257'	pressure up to hold. Dropped opening bomb and pressure up to open	
					200			DV Tool. No returns or cement to surface.	
atherford Annular casing Packer(ACP/ECP)							Bone Spring Lime 1 - 8,409*		
						area la	Bone Spring Sand 1 - 8,830'	Stage 2: Pump 30 bbis of tuned 11.5 ppg spacer followed by 13.7 ppg, 1.717 yield, HalCem cement. Dropped plug and displace with	
					1 36		Bone Spring Lime 2 - 9,160*	577 bbls of freshwater. Dropped upper DVT opening bomb and	<u>. </u>
,					200		Bone Spring Sand 2 - 9,330'	pressure up to open DV Tool. Full returns but no cement to surface.	
rsaflex Liner Hanger	8.535_	7.625	11,033	11,053			Bone Spring Lime 3 - 10,472'	Stage 3: Pump 20 bbls of mud flush followed by 13.7 ppg, 1.744	
					_ T		Bone Spring Sand 3 - 11,210	yield, HalCem cement: Oropped plug and displace with 435 bbls of	
							Wolfcamp · 11.545'	freshwater. Dropped upper DVT opening bomb and pressure up to	
d Intermediate Casing Shoe	9.625	8.535	-	11,662			12.25" 2nd Intermediate T.D. = 11700'	open DV Tool. Full returns but no cement to surface. ESTIMATED TOC	
antermediate casing slice			 				Pennsylvanian - 13,129'	= 3400'	
	 	<u> </u>			1.18			•	134 jts of 5-1/2" 17# P110 TCPC Duo
· · - · · · · · · · · · · · · · · · · ·	_		_		1 1		Strawn - 13,442'		coated injection tubing
					116		Atoka - 13,557	Pump 30 bbls of Tuned Spacer III followed by 82 bbls (220 sx) of 11.9 ppg 2.09 yield lead cement	•
			ļ		1 1		Morrow - 14,408'	ppg 2.03 yield lead certient	
					1 13		Lower Morrow - 15,326'	40 bbls (160 sx) of 13.2 ppg, 1.42 yield tail cement.	
							Barnett - 15,619'		
					11		Mississippian Shale - 15,409'	Oisplaced cement with 20 bbls of freshwater, 200 bbls OBM, 10 bbls of tuned spacer, then 188 bbls of OBM. Bumped plug at 500 psi	
							Barnett - 15,619'	ocver 1200 psi FCP (calculated displacement of 418 bbfs). Dropped	
					1 2	- Table 1	Miss. Lime -	ball to set liner and circulated 4 bbls of exces cement to surface.	
			1		15	Company of	Devonian - 16,442'		7-5/8" x 5-1/2" TCPC Permanent Packe
Intermediate Liner Shoe	8.535	7.625		16,513'		Sectional I	8.5" 3rd Intermediate T.D. = 16540'		High Temp Elastomer and full Inconel 93
interneulate Liner Snoe			 		- 4				
	 	\vdash				MANGE 1	Silurian Carbonate - 16,878'		
	<u> </u>		 		- [-
					Ŕ	42780-14	Fussefman - 17,261'		
				L	- 1				
					- 1	ALMAN I			
					i	South Brown	Montoya - 17,696"	:	
	1				f.	A. 1. 10 1000			
	† · ·	· · ·			ä	Marine I	6.5 " Injection Hole T.D. = 17894"		
	1	1			E:	では過ぎる場合は、なな事	0.3 injection riole (.U. = 17894		

