

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION COMMISSION**

**APPLICATION OF GOODNIGHT
MIDSTREAM PERMIAN LLC FOR APPROVAL
OF A SALTWATER DISPOSAL WELL,
LEA COUNTY, NEW MEXICO.**

COMM. CASE NO. 24123

**APPLICATIONS OF GOODNIGHT
MIDSTREAM PERMIAN LLC FOR APPROVAL
OF SALTWATER DISPOSAL WELLS,
LEA COUNTY, NEW MEXICO.**

DIV. CASE NOS. 23614-23617

**APPLICATION OF GOODNIGHT
MIDSTREAM PERMIAN, LLC TO AMEND
ORDER NO. R-22026/SWD-2403 TO INCREASE
THE APPROVED INJECTION RATE IN ITS
ANDRE DAWSON SWD #1,
LEA COUNTY, NEW MEXICO.**

DIV. CASE NO. 23775

**APPLICATIONS OF EMPIRE NEW MEXICO LLC
TO REVOKE INJECTION AUTHORITY,
LEA COUNTY, NEW MEXICO.**

DIV. CASE NOS. 24018-24020, 24025

**EMPIRE NEW MEXICO LLC'S
CROSS EXAMINATION EXHIBIT NO. 12**

Empire New Mexico, LLC, through its undersigned counsel, submits its Cross Examination Exhibit No. 12, the workover report on the Ryno SWD 1, which was admitted into the record during the hearing in these matters on May 20, 2025.

Respectfully submitted,

By: /s/ Dana S. Hardy

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CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing was served on the following counsel of record by electronic mail on May 22, 2025.

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BRUINGTON ENGINEERING, LLC															
DAILY WORKOVER REPORT															
Date:	11/08/24		Operator:		Goodnight Midstream, LLC		Well Name:		Ryno SWD 1						
Field:	San Andres		County:		Lea, NM		Consultant:		Ronnie McWhirter		Phone:	903-930-0282			
Present Operation:			Monitoring well, waiting on tubing testers.					Contractor & Rig No.:		Mesa Rig 219					
Production Casing OD:			7"		Depth:	10,556'		Wt.:	26 lb/ft		Grade:	HCL80	PBTD:	5625'	
Tubing OD:		4-1/2"		Wt:	11.6		Grade:	J-55		Coupling:	LTC		Perfs:	4380' - 5560'	
From	To	Hrs													
7:00	8:00	1.0	Spotted rig, raised mast, strung up guide lines.												
8:00	9:00	1.0	Waited on nipple up crew.												
9:00	9:30	0.5	Held Goodnight safety orientation with 9 new hands, PJSM with all crews.												
9:30	10:30	1.0	Nipped down injection tree and flowline, nipped up 5000 psi BOPs and function tested.												
10:30	11:30	1.0	Rigged up floor, Byrd laydown machine, and power tongs.												
11:30	12:30	1.0	Tested BOPs, installed pup joint to hanger, pulled 30k lbs to ensure the on/off tool was still latched.												
			Released on/off tool, pulled and inspected hanger, seals looked good, no signs of wear.												
12:30	3:00	2.5	Pulled out of the hole laying down tubing, rotating at 25 rpm on tongs, visually inspecting connections.												
			No signs of damaged tubing. Tongs pinched one joint (#26 in tally) below collar and will be replaced.												
			Inspected the seals on the on/off tool, looked new with no damage.												
3:00	4:30	1.5	Loaded 7" casing with fluid through BOP with reverse unit, closed blind rams, pressured up to 600 psi												
			with reverse unit and monitored pressure. Casing held 600 psi.												
			Bodark washed and cleaned tubing connections and visually inspected boxes and pins.												
			Shut down for night.												
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BRUINGTON ENGINEERING, LLC																		
DAILY WORKOVER REPORT																		
Date:	11/11/24		Operator:		Goodnight Midstream, LLC			Well Name:		Ryno SWD 1								
Field:	San Andres		County:		Lea, NM		Consultant:		Ronnie McWhirter		Phone:	903-930-0282						
Present Operation:			Testing casing while pulling out of the hole.					Contractor & Rig No.:		Mesa Rig 219								
Production Casing OD:			7"		Depth:		10,556'		Wt.:		26 lb/ft	Grade:	HCL80	PBTD:	5625'			
Tubing OD:		4-1/2"		Wt:		11.6		Grade:		J-55		Coupling:		LTC		Perfs:	4380' - 5560'	
From	To		Hrs															
7:00	7:30		0.5		Arrived at location, held PJSM and operations meeting with crews.													
7:30	8:00		0.5		Rigged up Monahans test truck, pressured up on 2-7/8" tubing to 600 psi, pressure dropped to 100 psi													
					in less than 2 min (tubing leak).													
8:00	10:00		2.0		Pulled tubing and pressure tested every 5 stands (320' average) (charted).													
10:00	11:00		1.0		Found leak in collar and pin on joints 15 and 16, laid down bad joints, pulled 4 joints, and found leak													
					in collar and pin on joints 9 and 10, laid down bad joints, continued to pull out of the hole, retrieved													
					standing valve in seat nipple, laid down HD packer.													
11:00	12:30		1.5		Picked up and made up 32A tension packer and seat nipple, tripped in hole, picked up 5 new joints of													
					tubing to replace bad joints, to 4235'.													
12:30	1:00		0.5		Loaded well with 22 barrels of water with reverse unit, pumped through tubing to circulate air out.													
1:00	2:00		1.0		Set packer at 4235', tested below packer to 700 psi for 30 min, pressure dropped to 180 psi (charted).													
2:00	2:30		0.5		Tested annulus above packer from 4235' to surface for 30 min to 620 psi, held at 620 psi (charted).													
2:30	3:00		0.5		Released packer, tested wellbore from existing Arrowset at 4340' to surface for 23 min to													
					610 psi, pressure dropped to 540 psi (charted).													
3:00	3:30		0.5		Tripped in hole, tagged Arrowset packer, laid down 1 joint, set test packer at 4325'.													
3:30	3:45		0.25		Tested below test packer to 600 psi, pressure dropped to 0 psi in 12 min.													
3:45	4:15		0.5		Tested annulus above packer at 4325' to surface to 700 psi for 24 min, held at 700 psi (charted).													
4:15	5:00		0.75		Released packer, pulled 20 stands of tubing and racked back in derrick. Installed TIW valve, closed													
					pipe rams and secured well, shut down for night.													
					Will continue testing out of hole every 1000' in the morning													
					Rig bent 1 joint of 2-7/8" tubing, shut down held safety meeting on trip speed													
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BRUINGTON ENGINEERING, LLC																		
DAILY WORKOVER REPORT																		
Date:	11/12/24		Operator:		Goodnight Midstream, LLC			Well Name:		Ryno SWD 1								
Field:	San Andres		County:		Lea, NM		Consultant:		Ronnie McWhirter		Phone:	903-930-0282						
Present Operation:			Going in hole with work string to retrieve packer.					Contractor & Rig No.:		Mesa Rig 219								
Production Casing OD:			7"		Depth:		10,556'		Wt.:		26 lb/ft	Grade:	HCL80	PBTD:	5625'			
Tubing OD:		4-1/2"		Wt:		11.6		Grade:		J-55		Coupling:		LTC		Perfs:	4380' - 5560'	
From	To	Hrs																
7:00	8:00	1.0	Held PJSM with crews, rigged up test truck, worked air out of lines.															
8:00	8:30	0.5	Set packer and tested below test packer at 3000' for 30 minutes, 600 psi dropped to 400 psi. (charted															
			all tests)															
8:30	9:00	0.5	Tested annulus above test packer at 3000' for 30 minutes, 600 psi, held 600 psi.															
9:00	9:30	0.5	Released packer and tripped out of hole with 15 stands to ~2000'.															
9:30	10:00	0.5	Set test packer and tested below packer at 2000' for 30 minutes, 600 psi, dropped to 400 psi.															
10:00	10:30	0.5	Tested annulus above test packer at 2000' for 30 minutes, 600 psi, held 600 psi.															
10:30	11:00	0.5	Repaired rig.															
11:00	11:30	0.5	Released test packer and tripped out of hole with 15 stands to ~1000'.															
11:30	12:00	0.5	Set test packer and test below packer at 1000' for 30 minutes, 600 psi dropped to 520 psi.															
12:00	12:30	0.5	Tested annulus above test packer at 1000' for 30 minutes, 620 psi, held at 620 psi.															
12:30	1:00	0.5	Released test packer and tripped out of hole with 15 stands to 30'.															
1:00	1:15	0.25	Set test packer and tested below packer at 30' for 15 minutes to 600 psi, dropped to 580 psi.															
1:15	2:15	1.0	Tested annulus above test packer at 30' for 30 minutes to 600 psi, dropped to 540 psi.															
2:15	3:30	1.25	Ran 1 joint of tubing in hole and set packer at 60', retest annulus for 30 minutes to 600 psi, dropped to															
			580 psi.															
3:30	4:00	0.5	Ran 1 stand of tubing in hole and set packer at 120', tested annulus for 30 minutes to 600 psi, held															
			600 psi.															
4:00	4:30	0.5	Released packer and tripped out of hole with 2 stands of tubing, laid down 34A packer, racked back															
			tubing.															
4:30	5:00	0.5	Closed blind rams, closed valves, secured well, shut down for night.															
			Elements on test packer looked good.															
			Casing from ~100 ft to surface appears to either be scaled up or corroded and not allowing test															
			packer to properly seal.															

