

**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.

/s/ Dana S. Hardy

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BRUINGTON ENGINEERING, LLC															
DAILY WORKOVER REPORT															
Date:	11/07/24		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 tubing hanger.					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													
8:00	8:30	0.5	Rigged up Renegade slick line truck. Ran in hole and set 2.75" R plug below packer.												
8:30	9:00	0.5	Rigged up Parker Services pump truck.												
9:00	11:00	2.0	Loaded tubing with 11 barrels of water, caught pressure, increased pressure to 560 psi, pressure began dropping quickly, down to 390 psi in 15 minutes.												
			Pressured up again to 700 psi on the tubing, monitored pressures on tubing and casing for 30 minutes.												
			Tubing pressure dropped from 700 psi to 550 psi, casing pressure increased from 210 psi to 426 psi.												
			Bled pressure off of well, pressured up the tubing to 180 psi, pressured up casing to 640 psi.												
			Monitored pressures for 30 minutes, casing pressure dropped to 427 psi and tubing pressure increased to 240 psi. Rigged down pump truck.												
11:00	12:45	1.8	Ran in hole with retrieving tool on slick line, released 2.75" R plug and pulled out of hole with slick line.												
			Ran in hole with 2.81" F profile plug and set in upper nipple inside stinger.												
12:45	1:15	0.5	Rigged up pump truck.												
1:15	1:45	0.5	Pressure tested tubing and casing again, pumped tubing pressure up to 100 psi, pumped casing pressure up to 600 psi, monitored for 30 minutes. Casing pressure dropped to 460 psi and tubing pressure increased to 190 psi.												
1:45	2:30	0.75	Waited on orders.												
2:30	4:00	1.5	Rigged down Renegade slick line truck and Parker pump truck and released both, left 2.81" F profile plug seated in packer, spotted Mesa workover rig. Made calls to Byrd power tongs, Mesquite Oil tools, Monahans nipple up, and Encore wellhead to rig up and pull tubing and check on/off tool and seals.												
			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.											
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