

**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:	10/22/24		Operator:		Goodnight Midstream, LLC			Well Name:		Ryno SWD 1									
Field:	San Andres		County:		Lea, NM		Consultant:		Ronnie McWhirter		Phone:	903-930-0282							
Present Operation:			Well shut in, waiting to pull plug and perform MIT.					Contractor & Rig No.:			Mesa 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:		L-80		Coupling:		BTC		Perfs:		4380' - 5560'	
From	To		Hrs																
7:00	8:30		1.5		Held safety meeting with all crews and personnel, rigged up power swivel.														
8:30	9:00		0.5		Rotated and worked tubing, latch assembly released at 14k lbs over string weight.														
9:00	9:30		0.5		Rigged down and loaded out power swivel, rigged up Byrd power tongs.														
9:30	10:30		1.0		Broke out landing joint, broke hanger assembly off of old tubing pup, pulled 1 full joint tubing, made up														
					3 pup joints below first joint for space out (4', 8' & 10' = 22.26' overall)														
10:30	11:30		1.0		Waited on vac truck to arrive.														
11:30	12:30		1.0		Pumped 130 barrels of fresh water with packer fluid at 4 bpm.														
12:30	13:00		0.5		Made up hanger assembly, stung into packer, landed tubing with 30k lbs compression.														
13:00	14:00		1.0		Backed out pup joint from hanger assembly, rigged down Byrd power tongs and released, rigged up														
					Monahans test truck.														
14:00	14:30		0.5		Tested annulus to 500 psi for 30 minutes with chart, good test.														
14:30	17:00		2.5		Nippled down BOPs, rigged down workover rig, installed and nipped up replacement tree and flowline,														
					released all equipment. Shut in well.														
					Waiting to pull plug and perform MIT test.														
					Notes:														
					Fiberglass lining on tubing adds 1.5 lbs/ft and reduces ID by 0.250"														
					Tubing hanger top and bottom is BTC thread														
					Packer seals are Aflas; release packer with 10-12 rounds to the right														
					Due to severe pitting, entire injection tree was replaced with 5000 psi, EE-0.5 main valves with Xylan														
					coating by Encore														
					Top connection on tree is 4-1/16" 5000 psi flange with 4-1/2" 8R EUE threads														

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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											

