

Additional Information

Bridwell NM State 8-3

API 30-025-24264

SWD-707

Summary of Well History and
COA's for workover

5-7-2025

From: [Harris, Anthony, EMNRD](#)
To: [Eddie Jackson](#)
Cc: [Goetze, Phillip, EMNRD](#)
Subject: RE: [EXTERNAL] Re: N.M. State 8-3 , API # 30-025-24264
Date: Wednesday, May 7, 2025 2:32:00 PM
Attachments: [image001.png](#)

Good Afternoon, Eddie

The NOI is approved subject to the following conditions:

1. Post workover MIT is required. If the MIT fails, plugging of the well will be required.
2. If the post remediation MIT passes, the well will require an annual MIT.

I'm currently facing issues with the online system so the NOI is not yet formally approved. However, I will approve it as soon as those issues are resolved. In the meantime, you can proceed with your operations

Regards

Tony Harris

Petroleum Specialist

Anthony.harris@emnrd.nm.gov

505 549 8131.



From: Eddie Jackson <ejackson@bridwelloil.com>
Sent: Tuesday, May 6, 2025 2:14 PM
To: Harris, Anthony, EMNRD <Anthony.Harris@emnrd.nm.gov>
Subject: [EXTERNAL] Re: N.M. State 8-3 , API # 30-025-24264

You don't often get email from ejackson@bridwelloil.com. [Learn why this is important](#)

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Hey Anthony here is the NOI # we recently filed to pull the NM State 8-3
458289 NOI #
Thanks

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From: Eddie Jackson

Sent: Tuesday, May 6, 2025 1:01:03 PM

To: Anthony.Harris@emnrd.nm.gov <Anthony.Harris@emnrd.nm.gov>

Subject: N.M. State 8-3 , API # 30-025-24264

Good afternoon Anthony,

You recently approved us to pull the SWD well in Lea County , New Mexico.

We did a Workover on this well, and got it approved on 4-24-25 , however it has another tubing leak ?

We still have the Workover rig hired that does our work, and would like to move that rig back on to replace the rest of our 1.90 tubing . Can you please take a look at this and approve asap . Thanks Eddie Jackson

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From: [Harris, Anthony, EMNRD](#)
To: [Goetze, Phillip, EMNRD](#)
Subject: Bridwell Oil - N.M. State 8-3 , API # 30-025-24264
Date: Wednesday, May 7, 2025 11:45:00 AM
Importance: High

As discussed below is a summary of the well history and current configuration:

Well History

1. Spud date 10-17-1972
2. SWD-707 approved 5-22-1998
 - a. Disposal into San Andres 4424 – 4464 ft.
 - b. 2-3/8” plastic lined tubing
 - c. Packer depth approved for approximately 4374 ft. (Currently set at 4327)
3. Average injection rate for last 3 months 6200 bbls/month (~210 bwpd). Pressure = 850 psi.
4. Maximum Permitted Injection Pressure = 885 psi (ie. 0.2 Admin gradient)

BHT & Workovers:

1. **Failed MIT in Jan 2017** (“Other Internal failure” reported but no further details)
 - a. Bradenhead test report indicated 900 psi on tubing (ie. that is higher than approved admin gradient)
2. Post workover Bradenhead Test on 8/23/2017 reported 1250 psi on Tubing
3. **Failure of BHT on 8-21-2018** observed the following:
 - a. Oil observed while bleeding off Production casing.
 - b. Engaged SWD pump and water started flowing out of production casing.
 - c. Repaired leaking production casing by setting 2.875” Liner.
 - i. Top of liner at surface
 - ii. Bottom of liner at 4371 feet
 - iii. TOC at 1000 ft.
 - iv. Ran 2.0625” tubing with packer at 4326 ft.
4. **Workover performed 4-24-2024 to clean out fill**
 - a. Pulled tubing
 - b. Re-perforate 4424 – 4440 ft
 - c. Perform acid treatment 200 gal Xylene & 2500 gals Acid.
 - d. Perform BHT & MIT
5. **Workover completed 4-25-2025**
 - a. Pulled tubing and replaced bad joints
 - b. Pulled 24 joints of 2.875” liner and replaced bad joints
 - c. Packer set at 4327 ft
 - d. Passed MIT
6. **NOI submitted 5-5-2025 to perform workover**
 - a. Observed leak in tubing or packer after resuming injection

- b. Plan to release packer, pull tubing and re-run new tubing and packer as required.

Well Configuration Considerations:

1. The Production casing is 4.5" 9.5 lb/ft J-55 set at 4535 feet?
2. There was a 2.875" 6.4 lb/ft J-55 liner set in 2018
 - a. Liner appears to be hung at surface with TOC at 1000 feet
 - b. Bottom of liner is at 4371
 - c. ID of liner is **2.441"**
 - d. Drift ID would be $ID - 0.125" = \mathbf{2.316"}$.
3. There is 2-1/16" tubing run inside the 2.875" liner
 - a. Packer OD is listed as 2.4 inch.
 - b. Not sure if 2.4" packer could be run considering the Drift ID of the 2.875" liner would be 2.316"
4. **Minimal clearance between 2.875" liner and 2-1/16" tubing.**
 - a. If tubing parted, there is no clearance for an overshot. Packer could not be unlatched in that scenario making P&A operations challenging.

I'm available to discuss anytime

From: Eddie Jackson <ejackson@bridwelloil.com>
Sent: Tuesday, May 6, 2025 2:15 PM
To: Harris, Anthony, EMNRD <Anthony.Harris@emnrd.nm.gov>
Subject: [EXTERNAL] Re: N.M. State 8-3 , API # 30-025-24264

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Great Thanks Tony

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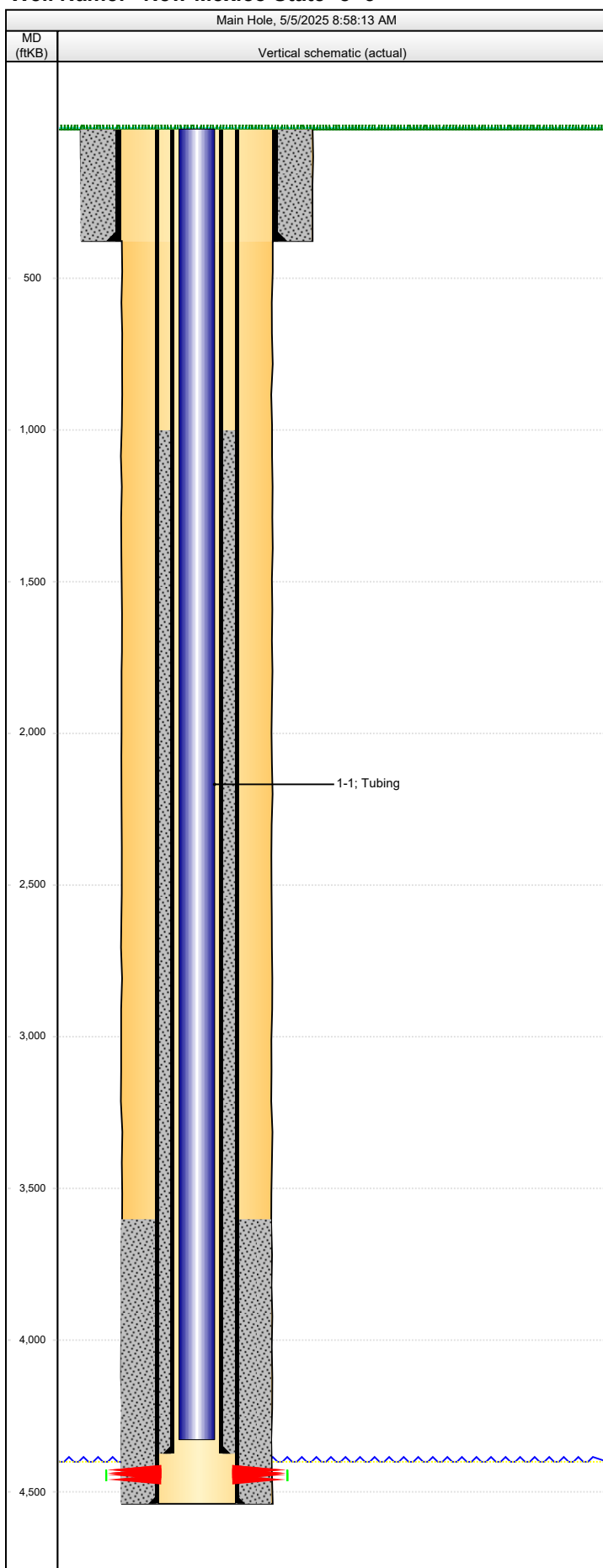
From: Eddie Jackson <ejackson@bridwelloil.com>
Sent: Tuesday, May 6, 2025 2:14:17 PM
To: Anthony.Harris@emnrd.nm.gov <Anthony.Harris@emnrd.nm.gov>
Subject: Re: N.M. State 8-3 , API # 30-025-24264

Hey Anthony here is the NOI # we recently filed to pull the NM State 8-3



New Well Setup

Well Name: New Mexico State -8- 3



Well Header

Well Name New Mexico State -8- 3		API/UWI 30-025-24264		Field Name Flying -M-	
Orig KB El...	Gr Elev (ft)	Lic Date	Spud Date	On Prod Date	License #
4,400.00	4,390.00		10/18/1972		Well Status Active WIW

Wellbore Sections

Wellbore Name Main Hole			Start Depth (ftKB) 10.0		
Section Des	Size (in)		Act Top (ftKB)	Act Btm (ftKB)	
Surface	12 1/4		10.0	373.0	
Production	7 7/8		373.0	4,535.0	

Casing

Surface

Casing Description Surface			Run Date 10/18/1972		Set Depth (ftKB) 373.0	
Item Des	Len (ft)	OD (in)	ID (in)	Wt (lb/ft)	Grade	Jts
Casing Joints	363.00	8 5/8	8.017	28.00	H-40	

Liner

Casing Description Liner			Run Date 9/21/2018		Set Depth (ftKB) 4,371.0	
Item Des	Len (ft)	OD (in)	ID (in)	Wt (lb/ft)	Grade	Jts
Casing Joints	4,361.00	2 7/8	2.449	6.40	J-55	

Production

Casing Description Production			Run Date 10/26/1972		Set Depth (ftKB) 4,535.0	
Item Des	Len (ft)	OD (in)	ID (in)	Wt (lb/ft)	Grade	Jts
Casing Joints	4,525.00	4 1/2	4.090	9.50	J-55	

Cement

Surface, 373.0ftKB

Description Surface Casing Cement			Cementing Start Date 10/18/1972		
Stg #	Description	Top (ftKB)	Btm (ftKB)	Comment	
1		10.0	373.0		
Fluid		Amount (sacks)	Class	Yield (ft³/sack)	Dens (lb/gal)
		250			

Production, 4,535.0ftKB

Description Production Casing Cement			Cementing Start Date 10/26/1972		
Stg #	Description	Top (ftKB)	Btm (ftKB)	Comment	
1		3,600.0	4,535.0		
Fluid		Amount (sacks)	Class	Yield (ft³/sack)	Dens (lb/gal)
		250			

Liner, 4,371.0ftKB

Description Liner Cement			Cementing Start Date 9/21/2018		
Stg #	Description	Top (ftKB)	Btm (ftKB)	Comment	
	Liner Cement	1,000.0	4,371.0		
Fluid		Amount (sacks)	Class	Yield (ft³/sack)	Dens (lb/gal)
Lead		400	C	1.32	14.80

Perforations

Comment	Top (ftKB)	Btm (ftKB)	Date	Type	Shot Dens (shots/ft)
San Andres	4,424.0	4,428.0	4/1/2024	Re-Perf	2.0
Comment	Top (ftKB)	Btm (ftKB)	Date	Type	Shot Dens (shots/ft)
San Andres	4,424.0	4,428.0	11/1/1972		2.0
Comment	Top (ftKB)	Btm (ftKB)	Date	Type	Shot Dens (shots/ft)
San Andres	4,434.0	4,438.0	4/1/2024	Re-Perf	2.0
Comment	Top (ftKB)	Btm (ftKB)	Date	Type	Shot Dens (shots/ft)
San Andres	4,434.0	4,438.0	11/1/1972		2.0
Comment	Top (ftKB)	Btm (ftKB)	Date	Type	Shot Dens (shots/ft)
San Andres	4,444.0	4,450.0	11/1/1972		2.0
Comment	Top (ftKB)	Btm (ftKB)	Date	Type	Shot Dens (shots/ft)
San Andres	4,456.0	4,464.0	11/1/1972		2.0

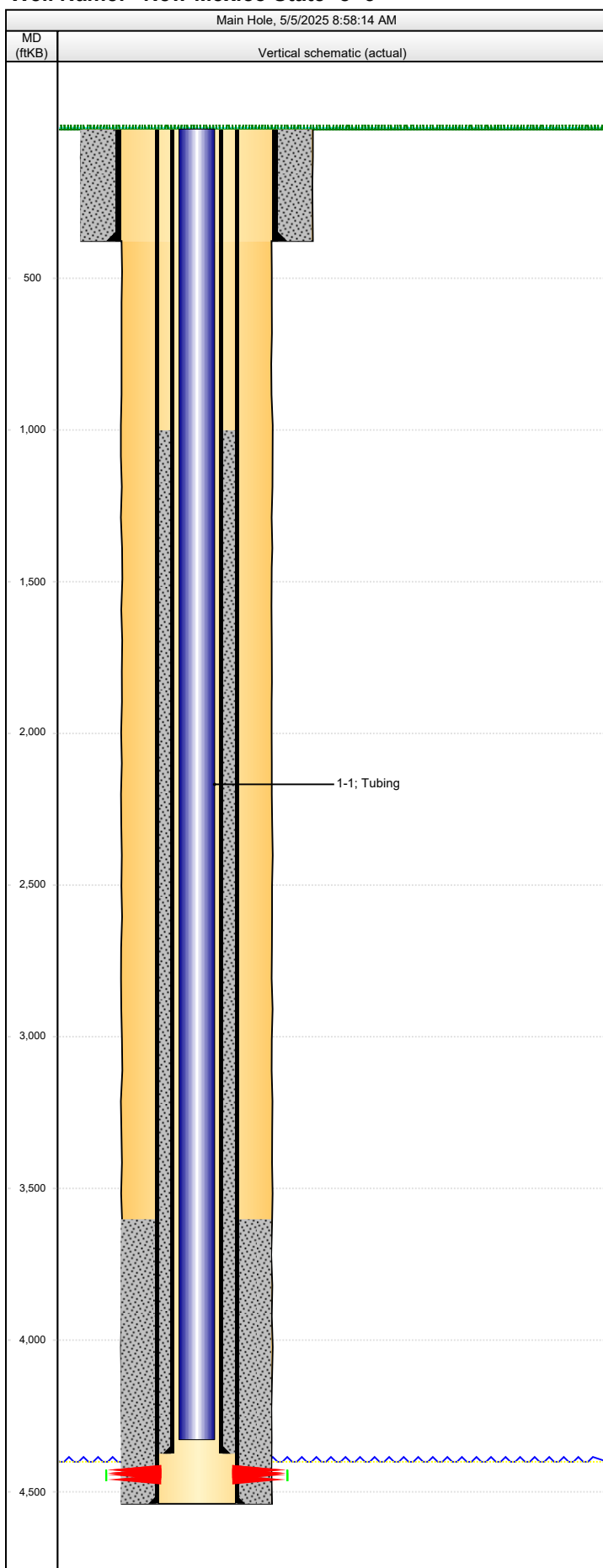
Treatments

Date	Type	Comment			
11/1/1972	Acid	2000 Gallons 28%			
Top (ftKB)	Btm (ftKB)	Comment			
4,424.0	4,464.0	San Andres			
Date	Type	Comment			
11/1/1972	Acid	5000 Gallons 5%			
Top (ftKB)	Btm (ftKB)	Comment			
4,424.0	4,464.0	San Andres			

WellView®

New Well Setup

Well Name: New Mexico State -8- 3



Treatments			
Date 11/1/1972	Type Acid	Comment 4000 Gallons 15%	
Top (ftKB) 4,424.0	Btm (ftKB) 4,464.0	Comment San Andres	
Date 5/13/2003	Type Acid	Comment 500 Gallons 15% NEFE	
Top (ftKB) 4,434.0	Btm (ftKB) 4,464.0	Comment San Andres	
Date 7/10/2006	Type Acid	Comment 500 Gallons 15% NEFE	
Top (ftKB) 4,434.0	Btm (ftKB) 4,464.0	Comment San Andres	
Date 10/9/2018	Type Acid	Comment 1000 Gallons NEFE	
Top (ftKB) 4,434.0	Btm (ftKB) 4,464.0	Comment San Andres	
Date 11/27/2018	Type Acid	Comment 500 Gallons 20% NEFE & 10% Xylene 2000 Gallons 20% NEFE	
Top (ftKB) 4,424.0	Btm (ftKB) 4,464.0	Comment San Andres	
Date 10/8/2020	Type Acid	Comment 2000 Gallons 15% Acid	
Top (ftKB) 4,424.0	Btm (ftKB) 4,464.0	Comment San Andres	
Date 9/13/2022	Type Acid	Comment 1000 Gallons 15% HCl	
Top (ftKB) 4,424.0	Btm (ftKB) 4,464.0	Comment San Andres	
Date 3/7/2024	Type Acid	Comment 2000 Gallons 20% Acid	
Top (ftKB) 4,424.0	Btm (ftKB) 4,464.0	Comment San Andres	
Date 4/4/2024	Type Acid	Comment 200 Gal Xylene & 2500 Gal 20% HCl	
Top (ftKB) 4,424.0	Btm (ftKB) 4,464.0	Comment San Andres	
Tubing			
Tubing Description		Run Date	Set Depth (ftKB)
Tubing		4/2/2024	4,327.0
Item Des	OD (in)	ID (in)	Len (ft)
Tubing	1.9	1.610	4,315.00
Packer	2.4	2.000	2.00

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 459930

CONDITIONS

Operator: BRIDWELL OIL CO P.O. Drawer 1830 Wichita Falls, TX 76307	OGRID: 2832
	Action Number: 459930
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
anthony.harris	None	5/7/2025