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

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

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" = **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

Great Thanks Tony

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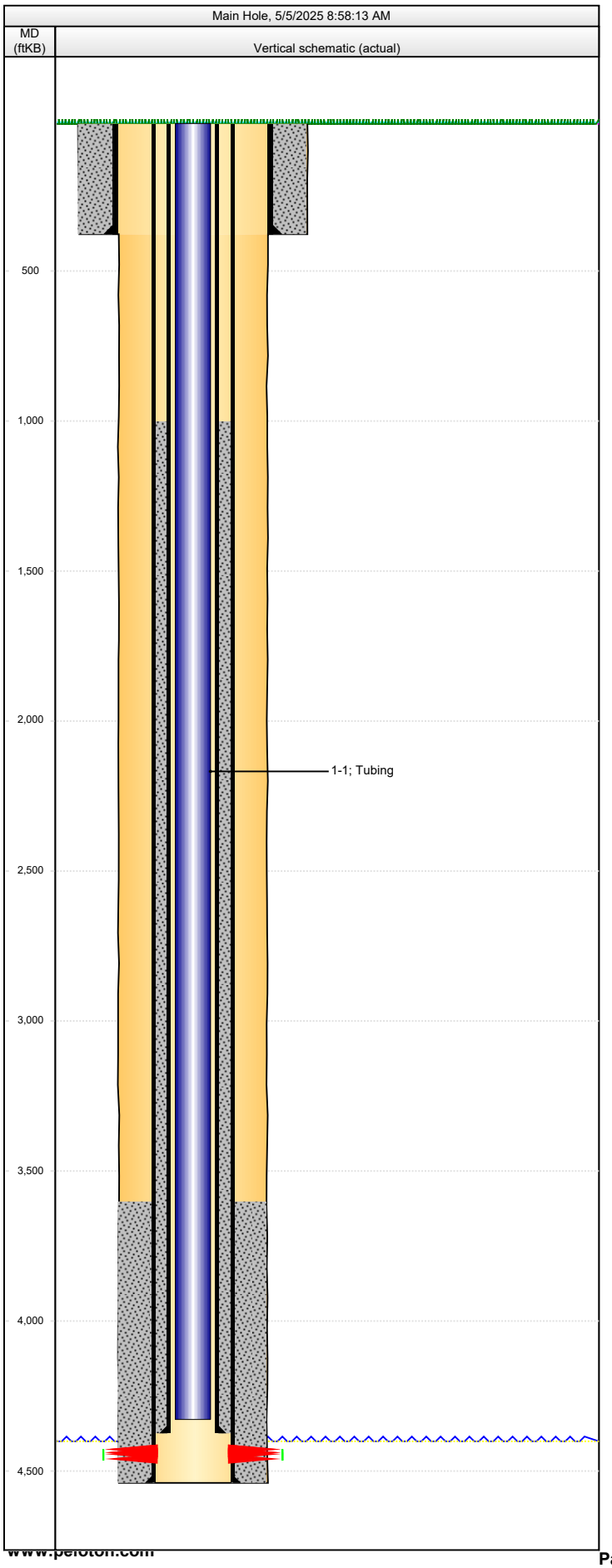
From: Eddie Jackson <ejackson@bridwelloil.com>
Sent: Tuesday, May 6, 2025 2:14:17 PM
To: Anthony.Harris@emnrd.nm.gov <Anthony.Harris@emnrd.nm.gov>
Subject: Re: N.M. State 8-3 , API # 30-025-24264

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

WellView

New Well Setup

Well Name: New Mexico State -8- 3



Well Header

Well Name	API/UWI	Field Name
New Mexico State -8- 3	30-025-24264	Flying -M-

Orig KB El...	Gr Elev (ft)	Lic Date	Spud Date	On Prod Date	License #	Well Status
4,400.00	4,390.00		10/18/1972			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
San Andres	4,424.0	4,428.0	11/1/1972		2.0
San Andres	4,434.0	4,438.0	4/1/2024	Re-Perf	2.0
San Andres	4,434.0	4,438.0	11/1/1972		2.0
San Andres	4,444.0	4,450.0	11/1/1972		2.0
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

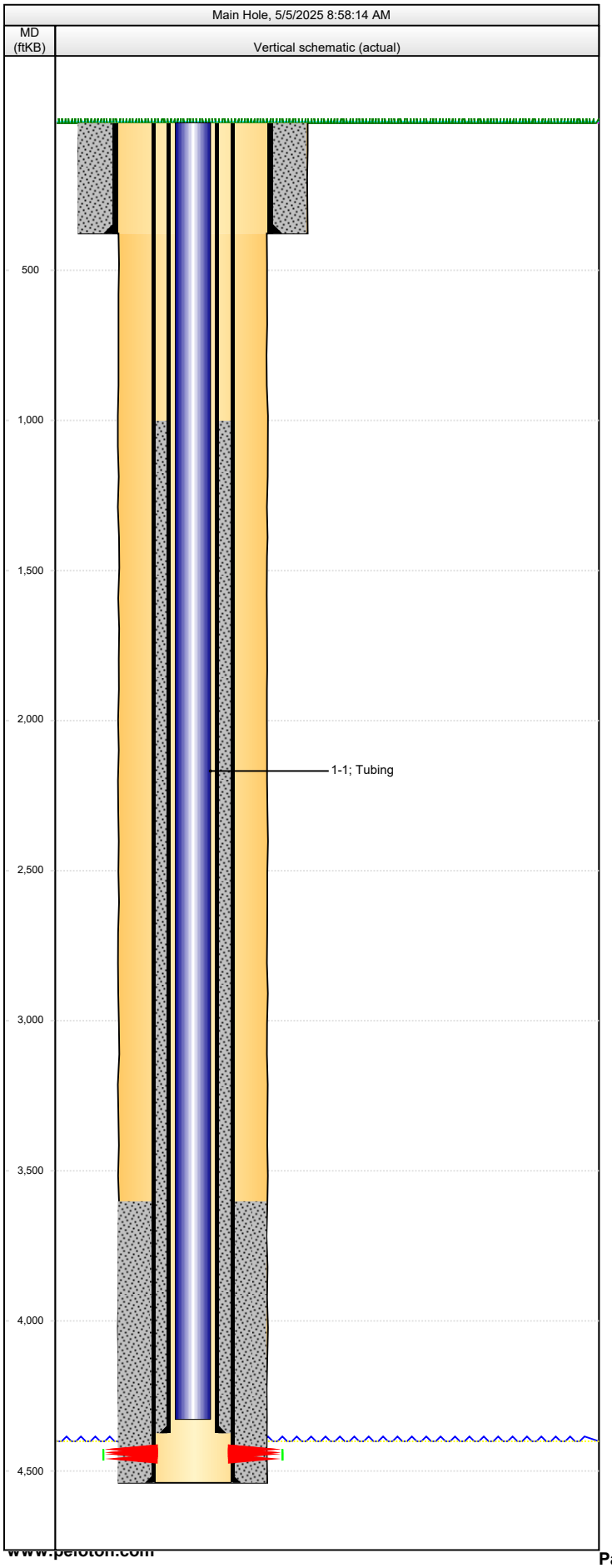
Date	Type	Comment
11/1/1972	Acid	5000 Gallons 5%

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	Type	Comment
11/1/1972	Acid	4000 Gallons 15%
Top (ftKB)	Btm (ftKB)	Comment
4,424.0	4,464.0	San Andres
5/13/2003	Acid	500 Gallons 15% NEFE
4,434.0	4,464.0	San Andres
7/10/2006	Acid	500 Gallons 15% NEFE
4,434.0	4,464.0	San Andres
10/9/2018	Acid	1000 Gallons NEFE
4,434.0	4,464.0	San Andres
11/27/2018	Acid	500 Gallons 20% NEFE & 10% Xylene 2000 Gallons 20% NEFE
4,424.0	4,464.0	San Andres
10/8/2020	Acid	2000 Gallons 15% Acid
4,424.0	4,464.0	San Andres
9/13/2022	Acid	1000 Gallons 15% HCl
4,424.0	4,464.0	San Andres
3/7/2024	Acid	2000 Gallons 20% Acid
4,424.0	4,464.0	San Andres
4/4/2024	Acid	200 Gal Xylene & 2500 Gal 20% HCl
4,424.0	4,464.0	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/ocd/contact-us

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

CONDITIONS

Operator: BRIDWELL OIL CO P.O. Drawer 1830 Wichita Falls, TX 76307	OGRID: 2832
	Action Number: 459928
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

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