

Well Name: FEDERAL 8	Well Location: T22S / R32E / SEC 8 / SWNE /	County or Parish/State: LEA / NM
Well Number: 01	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM90586	Unit or CA Name: FEDERAL 8 COM	Unit or CA Number: NMNM103144
US Well Number: 3002532709	Well Status: Gas Well Shut In	Operator: OXY USA INCORPORATED

Accepted for Record Only

SUBJECT TO LIKE APPROVAL BY BLM

NMOCD 8/29/23

X 7

Subsequent Report

Sundry ID: 2732162

Type of Submission: Subsequent Report

Type of Action: Temporary Abandonment

Date Sundry Submitted: 05/23/2023

Time Sundry Submitted: 10:27

Date Operation Actually Began: 03/22/2023

Actual Procedure: The final TA wellbore, job summary report, and MIT are attached. Oxy plans to utilize this well for pressure monitoring once the equipment is available.

SR Attachments

Actual Procedure

FEDERAL_8_COM_1_TA_SR_SUB_PACKET_5.23.23_20230523102712.pdf

SR Conditions of Approval

Specialist Review

TA_COA_20230726160916.pdf

Well Name: FEDERAL 8

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Well Status: Gas Well Shut In

Operator: OXY USA INCORPORATED

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: STEPHEN JANACEK

Signed on: MAY 23, 2023 10:27 AM

Name: OXY USA INCORPORATED

Title: Regulatory Engineer

Street Address: 5 Greenway Plaza, Suite 110

City: Houston

State: TX

Phone: (713) 497-2417

Email address: stephen_janacek@oxy.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345972

BLM POC Email Address: jshepard@blm.gov

Disposition: Approved

Disposition Date: 07/26/2023

Signature: Jonathon Shepard

STEPHEN JANACEK
4/19/2023

FINAL TA WELLBORE
FEDERAL 8 COMM 001
30-025-32709-0000
Lea

String 1
OD 13.375 in
TD 818 ft
TOC 0 ft - Circ.
17.5" Hole

String 2
OD 9.625 in
TD 4560 ft
TOC 0 ft - Circ.
12.25" Hole

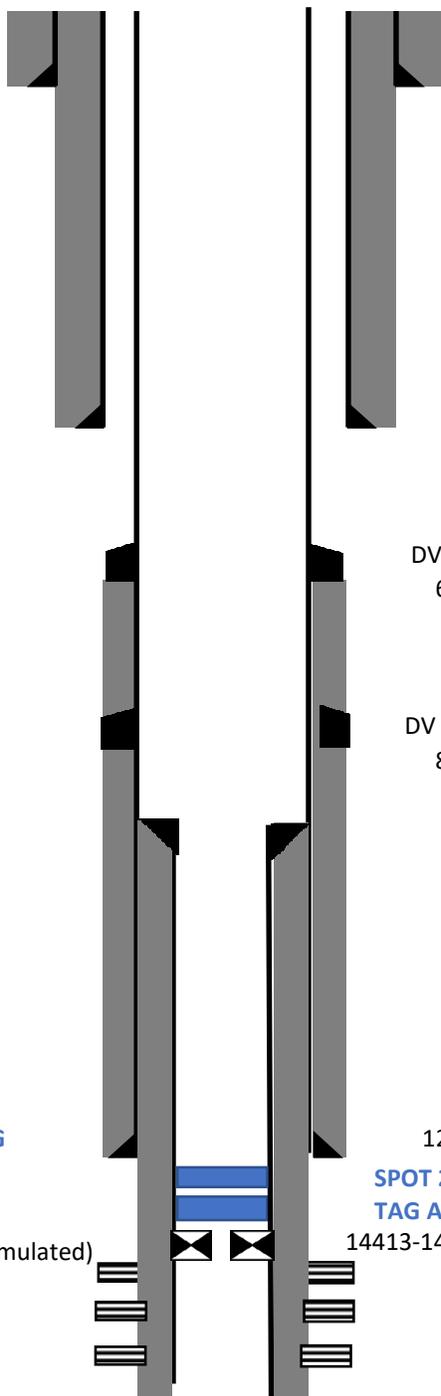
String 3
TD 12555 ft
OD 7 in
TOC 6231 ft
8.5" Hole

String 4
TD 15100 ft
OD 5 in
TOC 12285 ft
7" Hole

SPOT 25 SX 14082'-13787'. TAG AT 13316'.

Prod Zone
14511-14524 ft (never stimulated)
14593-14601 ft
14699-14723 ft

PBTD 14723 ft



DV Tool
6231'

DV Tool
8825'

12555'

SPOT 28 SX CMT 14436'-14110'. TAG AT 14082'.

14413-14417 Production Liner Packer

FEDERAL 8 COM #001
 30-025-32709
 TA JOB SUMMARY

Start Date	Remarks
3/22/2023	Road rig & equipment from the Urquidez-3 to the Federal 8 Com 1.
3/22/2023	Held pre-job safety meeting.
3/22/2023	Rigged up the reverse unit.
3/22/2023	Tubing 4,900 psi
3/22/2023	Casing 1,600 psi.
3/22/2023	Bled down tubing pressure to 50 psi, down a 2" line to gas buster & casing pressure to 0 psi.
3/22/2023	Pumped 60 bbls Fw/biocide down tubing to put on a vacuum.
3/22/2023	Secured well & shut down overnight.
3/22/2023	Crew travel time from location.
3/22/2023	Crew travel to location.
3/23/2023	Held pre-job safety meeting.
3/23/2023	Tubing 900 psi.
3/23/2023	Casing 150 psi.
3/23/2023	Bled down tubing pressure to 300 psi, down a 2" line to gas buster & casing pressure to 0 psi.
3/23/2023	Pumped 26 bbls fresh water/biocide down tubing & it started to pressure up. Shut in the tubing for 20 mins, after 20 mins tubing was on a vacuum.
3/23/2023	Rigged up the pulling unit over the well.
3/23/2023	Rigged up Renegade Wireline. Rih with 1 3/8" perforating gun & ccl @ 13,876' ccl started reading 40' jts down to tag depth @ 14,002'. Did not see any signs of a packer with ccl, did not perforate. Poh & rigged down wireline.
3/23/2023	Checked tubing pressure, Tubing 400 psi. Pumped 34 bbls 10# brine/biocide & started to pressure up again. Shut in for 10 mins & went on a vacuum.
3/23/2023	Started nipling down the production tree. Crew had troubling breaking the bolts. Removed all the old bolts & replaced with new bolts to secure well overnight.
3/23/2023	Secured the well & shut down overnight.
3/23/2023	Crew travel from location.
3/24/2023	ROAD CREW TO LOCATION.
3/24/2023	HTGSM AND HAZARD HUNT. FILLED OUT JSA AND HAND/ FINGER DOCUMENT.
3/24/2023	PUMPED WELL CONTROL.
3/24/2023	NIPPLED DOWN THE WELLHEAD.
3/24/2023	NIPPLED UP 5K BOP.
3/24/2023	LOWERED THE WORK FLOOR AND PREPPED TOOLS FOR PULLING TUBING.
3/24/2023	WORK AND RELEASED PACKER.
3/24/2023	SPOT IN PIPE HANDLER AND PIPE RACKS.
3/24/2023	POOH AND LAID DOWN 50 JOINTS OF TUBING.
3/24/2023	LUNCH BREAK FOR CREW.
3/24/2023	LAID DOWN 14 JOINTS OF TUBING. 64 TOTAL JOINTS.
3/24/2023	SECURED THE WELL AND SHUT DOWN DUE TO HIGH WINDS.
3/24/2023	ROAD CREW HOME.

3/26/2023	Crew travel to location.
3/27/2023	Held pre-job safety meeting.
3/27/2023	Tubing 400 psi.
3/27/2023	Casing 1200 psi.
3/27/2023	Bled down tubing pressure & casing pressure to 0 psi, down a 2" line to gas buster.
3/27/2023	Pumped 40 bbls fresh water/biocide down tubing.
3/27/2023	Pooh laying down 2 3/8" production tubing.
3/27/2023	Lunch break.
3/27/2023	Continued laying down tubing consisting of: 388 jts - 2 3/8" eue 4.7# tubing, 1 - 2 3/8" eue box x 2 7/8" eue pin xo, 1 - 7" x 2 7/8" Model R packer, 1 - 2 3/8" landing nipple (profile size unkown), & 56 jts - 2 3/8" eue 4.7# tubing (open ended).
3/27/2023	Moved in & tallied 2 3/8" eue workstring tubing.
3/27/2023	Secured the well & shut down overnight.
3/27/2023	Crew travel time from location.
3/28/2023	Crew travel time to location.
3/28/2023	Held pre-job safety meeting.
3/28/2023	Casing 750 psi.
3/28/2023	Bled down casing pressure to 0 psi, down a 2" line to gas buster.
3/28/2023	Rigged up Renegade wireline. Rih with a 3.83" gauge ring & ccl, tagged @ 13,990', Poh. Rih with 2.75" CBL tools. Logged from 13,390' to 7,890' & the digital depth counter failed. crew did not have the part to repair it. Poh with CBL tools. Rih with 2.40" Gyro data tools & logged from 13,990' to surface. Rigged down wireline.
3/28/2023	Secured the well & shtudown overnight.
3/28/2023	Crew travel time from location.
3/28/2023	Crew travel time to location.
3/29/2023	Held pre-job safety meeting.
3/29/2023	Casing 400 psi.
3/29/2023	Bled down casing pressure to 0 psi, down a 2" line to gas buster.
3/29/2023	Rigged up Renegade wireline. Rih with 2.75" CBL tools. Logged from 12,312' to surface. Rigged down wireline.
3/29/2023	Lunch break.
3/29/2023	Rih with 1 - 4 1/8" rock bit, 1 - 3 1/8" x 2 3/8" reg box x 2 3/8" IF box bit sub, 6 - 3 1/8" drill collars, 1 - 2 3/8" IF pin x 2 3/8" eue box xo, 104 jts - 2 3/8" eue 4.7# L-80 tubing 1 - 2 3/8" eue pin x 2 7/8" eue box xo, & 40 jts - 2 7/8" eue 6.5# L-80 tubing.
3/29/2023	Secured the well & shut down overnight.
3/29/2023	Crew travel time from location.
3/29/2023	Crew travel time to location.
3/30/2023	Held pre-job safety meeting.
3/30/2023	Tubing 400 psi.
3/30/2023	Casing 400 psi.
3/30/2023	Bled down tubing pressure & casing pressure to 0 psi, down a 2" line to gas buster.
3/30/2023	Continue picking tubing & Rih with bit & drill collars.

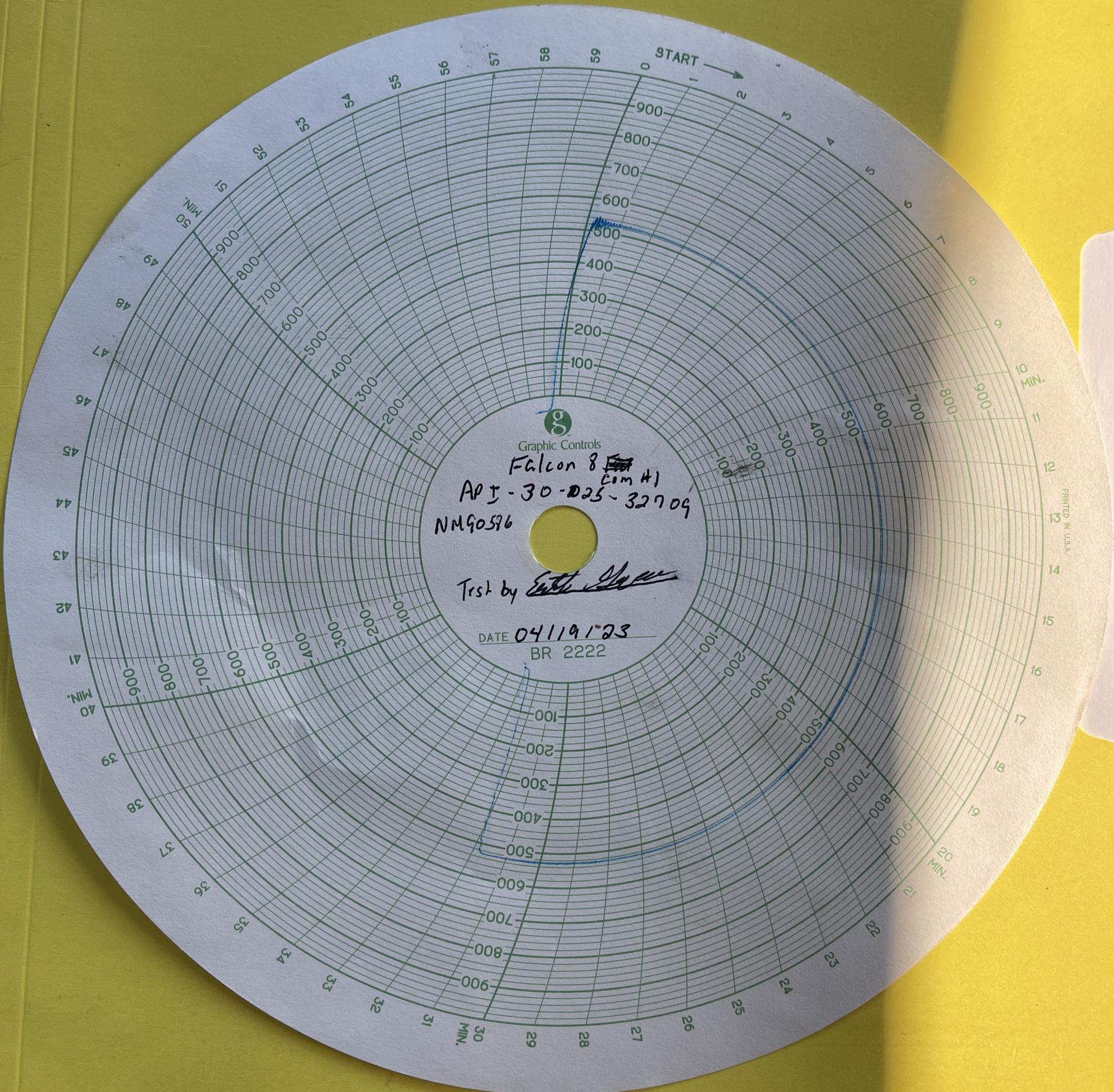
3/30/2023	Lunch break.
	Continue picking tubing & Rih with bit & drill collars. Tagged @ 13,991' with 422 total jts.
3/30/2023	Laid down 1 jt.
3/30/2023	Nippled up stripper head.
3/30/2023	Secured the well & shut down overnight.
3/30/2023	Crew travel time from location.
3/30/2023	Crew travel time to location.
3/31/2023	Held pre-job safety meeting.
3/31/2023	Tubing 600 psi.
3/31/2023	Casing 550 psi.
3/31/2023	Bled down tubing pressure & casing pressure to 0 psi, down a 2" line to gas buster.
3/31/2023	Rigged up power swivel.
3/31/2023	Drill out CIBP @ 13,991' & continued chasing down to 14,256'.
3/31/2023	Laid down 1 & rigged down power swivel.
3/31/2023	Secured the well & shut down overnight.
3/31/2023	Crew travel time from location.
4/2/2023	Crew travel time to location.
4/3/2023	Held pre-job safety meeting.
4/3/2023	Tubing 200 psi.
4/3/2023	Casing 400 psi.
4/3/2023	Bled down tubing pressure & casing pressure to 0 psi, down a 2" line to gas buster.
4/3/2023	Rigged up power swivel.
4/3/2023	Continued clean out from 14256' to 14,297'. Returns consisted of plug parts, scale, iron sulfide, & formation.
4/3/2023	Laid down 1 & rigged down power swivel.
4/3/2023	Secured the well & shut down overnight.
4/3/2023	Crew travel time from location.
4/3/2023	Crew travel time to location.
4/4/2023	Held pre-job safety meeting.
4/4/2023	Tubing 0 psi. Slight vacuum.
4/4/2023	Casing 0 psi. Slight vacuum.
4/4/2023	Started to pull the tubing & the string was wet. Reverse circulated 120 bbls 10# brine to clear tubing.
4/4/2023	Pooh with 101 jts - 2 7/8" Eue 6.5# tubing.
4/4/2023	Secured the well & shut down overnight due to the heavy wind gusts.
4/4/2023	Crew travel time from location.
4/4/2023	Crew travel time to location.
4/5/2023	Held pre-job safety meeting.
4/5/2023	Tubing 0 psi. Slight vacuum.
4/5/2023	Casing 0 psi. Slight vacuum.
4/5/2023	Pooh with 226 jts - 2 7/8" Eue 6.5# tubing, xo, 104 jts - 2 3/8" Eue 4.7# tubing, xo, 6 - 3 1/8" drill collars, bit sub, & 4 1/8" rock bit. Bit cones & skirting on bit were worn.
4/5/2023	Lunch break.

4/5/2023	Made up & Rbih with new 4 1/8" rock bit, 1 - 3 1/8" x 2 3/8" reg box x 2 3/8" IF box bit sub, 6 - 3 1/8" drill collars, 1 - 2 3/8" IF pin x 2 3/8" eue box xo, 104 jts - 2 3/8" eue 4.7# L-80 tubing 1 - 2 3/8" eue pin x 2 7/8" eue box xo, & 326 jts - 2 7/8" eue 6.5# L-80 tubing, Eot @ 14,252'.
4/5/2023	Secured the well & shut down overnight.
4/5/2023	Crew travel time from location.
4/5/2023	Crew travel time to location.
4/6/2023	Held pre-job safety meeting.
4/6/2023	Tubing 0 psi. Slight vacuum.
4/6/2023	Casing 0 psi. Slight vacuum.
4/6/2023	Nippled up stripper head & rigged up power swivel.
4/6/2023	Continued cleaning out from 14,297' - 14,436'. Circulated clean with 152 bbls 10# brine water.
4/6/2023	Lunch break.
4/6/2023	Layed down the power swivel & nipped down the stripper head.
4/6/2023	Pooh with 332 jts - 2 7/8" Eue 6.5# tubing, xo, & 104 jts - 2 3/8" Eue 4.7# tubing. Laid down 6 - 3 1/8" drill collars & bit.
4/6/2023	Secured the well & shut down overnight.
4/6/2023	Crew travel time from location.
4/7/2023	ROAD CREW TO LOCATION.
4/7/2023	HTGSM AND HAZARD HUNT. FILLED OUT JSA AND HAND/FINGER DOCUMENT.
4/7/2023	PULLED OUT OF THE HOLE WITH 104 JOINTS OF 2-3/8" TUBING. LAID DOWN DRILL COLLARS AND CLEAN OUT BHA.
4/7/2023	MADE UP 5" RBP AND CREST PACKER. START TIH WITH TUBING FROM THE DERRICK.
4/7/2023	LUNCH BREAK FOR CREW.
4/7/2023	CONTINUED TIH WITH TUBING FROM THE DERRICK. TIH WITH 365 TOTAL JOINTS. TOOLS ABOVE LINER AT 11,940'
4/7/2023	SECURED THE WELL AND SHUT DOWN FOR THE DAY.
4/7/2023	ROAD CREW HOME.
4/9/2023	Crew travel time to location.
4/10/2023	Held pre-job safety meeting.
4/10/2023	Tubing 0 psi. Slight vacuum.
4/10/2023	Casing 0 psi. Slight vacuum.
4/10/2023	Continued Rih with 72 jts - 2 7/8" Eue 6.5# tubing. Tagged with Packer & Rbp @ 14,291' & could not get any deeper.
4/10/2023	Set Rbp @ 14,285' & packer @ 14,266'. Tested tools to 1,000 psi with a good test. Released packer.
4/10/2023	Pressure tested casing to 500 psi & charted for 30 mins. Test failed, leaked off 120 psi in the 30 mins.
4/10/2023	Started hunting for the casing leak. Isolated the leak from 13,596' to 14,004'.
4/10/2023	Secured the well & shut down overnight.
4/10/2023	Crew travel time from location.
4/10/2023	Crew travel time to location.
4/11/2023	Held pre-job safety meeting.
4/11/2023	Tubing 0 psi.
4/11/2023	Casing 0 psi.

4/11/2023	Set packer @ 13,938' & pressure tested casing to 520 psi for 30 mins (charted). Leaked off 40 psi.
4/11/2023	Released the packer & Rbp. Pooh with 332 jts - 2 7/8" eue 6.5# tubing, xo, 104 jts - 2 3/8" eue 4.7# tubing. Laid down the packer & Rbp.
4/11/2023	Lunch break.
4/11/2023	Rih with 1 - 2 3/8" bull plug, 1 - 4' x 2 3/8" perforated sub, 104 jts - 2 3/8" eue 4.7# tubing, xo, & 232 jts - 2 7/8" eue 6.5# tubing. Eot @ 10,986'
4/11/2023	Secured the well & shut down overnight.
4/11/2023	Crew travel time from location.
4/11/2023	Crew travel time to location.
4/12/2023	Held pre-job safety meeting.
4/12/2023	Tubing 0 psi.
4/12/2023	Casing 0 psi.
4/12/2023	Continued Rih with 105 jts - 2 7/8" Eue 6.5# tubing. Eot @ 14,436'.
4/12/2023	Rigged up Nine Energy cement trucks. Pressure tested lines to 2,500 psi. (1st Plug) Balanced plug from 14,436' - 14,110'. 28sx Class H, 15.6#, 1.18 yield, 5.88 bbls of cement, Covering 326' in the 5" 18# liner. Pumped 6 bbl Gel Brine spacer ahead, 5.88 bbls Class H, 1.5 bbls Gel Brine spacer behind, & displaced with 74 bbls 10# brine.
4/12/2023	Pooh laying down 10 jts - 2 7/8" Eue 6.5# tubing to the racks & standing back 8 stands to the derrick. Eot @ 13,583'.
4/12/2023	Reverse circulated with 108 bbls 10# brine to verify tubing is clear.
4/12/2023	Woc 4hrs.
4/12/2023	Rih with 19 jts to 14,206' & cement was still green.
4/12/2023	Pooh with 4 jts to 14,076' & reverse circulated with 115 bbls of 10# brine.
4/12/2023	Secured the well & shut down overnight.
4/12/2023	Crew travel time from location.
4/12/2023	Crew travel time to location.
4/13/2023	Held pre-job safety meeting.
4/13/2023	Tubing 150 psi.
4/13/2023	Casing 50 psi.
4/13/2023	Open to gas buster.
4/13/2023	Rih tagged Toc @ 14,082' with 6' of jt 431 in the hole. Laid down 1 jt & added 1 - 6' x 2 7/8" tubing sub, Eot @ 14,082'.
4/13/2023	Rigged up Nine Energy cement trucks. Pressure tested lines to 2,500 psi. (2nd Plug) Balanced plug from 14,082' - 13,787'. 25sx Class H, 15.6#, 1.18 yield, 5.25 bbls of cement, Covering 295' in the 5" 18# liner. Pumped 5 bbl brine spacer ahead, 5.25 bbls Class H, & displaced with 74 bbls 10# brine.
4/13/2023	Pooh laying down 9 jts - 2 7/8" Eue 6.5# tubing to the racks & standing back 8 stands to the derrick. Eot @ 13,190' with 403 jts in the hole.
4/13/2023	Reverse circulated with 108 bbls 10# brine to verify tubing is clear.
4/13/2023	Lunch break.
4/13/2023	Pooh with 299 jts - 2 7/8" Eue 6.5# tubing, Eot @ 3,389'.
4/13/2023	Secured the well & shut down overnight.
4/13/2023	Crew travel time from location.
4/13/2023	Crew travel time to location.
4/14/2023	Held pre-job safety meeting.

4/14/2023	Tubing 0 psi.
4/14/2023	Casing 0 psi.
4/14/2023	Continued Pooh with 104 jts - 2 3/8" Eue 4.7# tubing.
4/14/2023	Rigged up R7 Wireline. Rih with 3,62" GR & CCL, Tagged @ 13,316', Pooh. Rih with a 5" WL set CIBP (3.95" O.D.), tagged @ 13,281', set @ 13,281', Pooh. Rigged down Wireline unit.
4/14/2023	Loaded casing with 35 bbls 10# brine. Pressure tested the czsing to 600 psi for 30 minis (charted), with a good test.
4/14/2023	Function tested new BOP & changed out BOP due to the 21 day compliance.
4/14/2023	Secured the well & shut down overnight.
4/14/2023	Crew travel time from location.
4/17/2023	Crew drove from yard to location.
4/17/2023	Held safety meeting with all personal on location.
4/17/2023	Waited on BLM for 1 1/2" hours said they would not be able to make it till a couple of hours talked to BLM and decision was made to run MIT witness test after laying down tbg & NU WH.
4/17/2023	RIH with 104 jts of 2 3/8" L-80 tbg.
4/17/2023	Change over equipment 2 3/8" to 2 7/8".
4/17/2023	RIH with 104 jts of 2 7/8" L-80 tbg.
4/17/2023	Crew meal break.
4/17/2023	RIH with A TOTAL 316 jts of 2 7/8" L-80 tbg leaving EOT at 13,248' or 32' above TOC 13,280'.
4/17/2023	Circulate 460 bbls of packer fluid.
4/17/2023	Secure well in overnight shut down.
4/17/2023	Rig crew drove home.
4/18/2023	Rig crew drove to location.
4/18/2023	Held safety meeting with all personal on location.
4/18/2023	Tubing had 0 psi.
4/18/2023	Casing had 0 psi.
4/18/2023	POOH and laid down 50 jts of 2 7/8" L-80 tbg.
4/18/2023	Conduct H2S & BOP drill.
4/18/2023	POOH and lai down 266 jts of 2 7/8" L-80 tbg.
4/18/2023	Crew meal break.
4/18/2023	POOH and laid down 50 jts of 2 7/8" L-80 tbg.
4/18/2023	Change over equipment 2 7/8" to 2 3/8".
4/18/2023	POOH and laid down 104 jts of 2 3/8" L-80 tbg.
4/18/2023	Rig down tubing tongs & rig floor.
4/18/2023	Secure well in overnight shut down.
4/18/2023	Load casing with 49 bbls of F/W test casing to 500 psi for 15 mins with good test bleed off psi.
4/18/2023	Rig crew drove home.
4/19/2023	Rig crew drove to location.
4/19/2023	Held safety meeting with all personal on location.
4/19/2023	Casing had 0 psi.
4/19/2023	Nipple down 7 1/16" 5K hydraulic BOP with a 7 1/16' 10K x 5K spool.
4/19/2023	Nipple up 7 1/16" 10K wellhead flange.
4/19/2023	Moved out pipe racks & hydro-walk.

4/19/2023	Rig up chart recorder pressure up to 500 psi run MIT to 500 psi for 30 mins with good test bleed off pressure.
4/19/2023	Rig down Falcon 22 & reverse unit clean location move equipment to the Avogato 25H



Falcon 8
Com #1
APR-30-2025-32709
NM90596

Test by *[Signature]*

DATE 04/19/23
BR 2222

PRINTED IN U.S.A.

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

COMMENTS
 Action 245913

COMMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 245913
	Action Type: [C-103] Sub. Temporary Abandonment (C-103U)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM.	8/29/2023

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

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CONDITIONS

Action 245913

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 245913
	Action Type: [C-103] Sub. Temporary Abandonment (C-103U)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Like approval from BLM	8/29/2023