

Well Name: ALTWEIN FED COM	Well Location: T19S / R23E / SEC 12 / SENW /	County or Parish/State: EDDY / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM26057	Unit or CA Name: 1 ALTWEIN FED COM	Unit or CA Number: NMNM101378
US Well Number: 300152528600X1	Well Status: Abandoned	Operator: EOG RESOURCES INCORPORATED

Accepted for record – NMOCD gc 7/18/2022

Subsequent Report

Sundry ID: 2680084

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 06/30/2022	Time Sundry Submitted: 03:09
Date Operation Actually Began: 03/24/2022	

Actual Procedure: Please see attached subsequent P&A. Thank you.

SR Attachments

- Actual Procedure
- Altwein_Federal_Com_1_P_A_WBD_20220630150902.pdf
 - Altwein_Federal_Com_1_6_30_22_20220630150837.pdf

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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: TINA HUERTA
Signed on: JUN 30, 2022 03:09 PM
Name: EOG RESOURCES INCORPORATED
Title: Regulatory Specialist
Street Address: 104 SOUTH FOURTH STREET
City: Artesia State: NM
Phone: (575) 748-4168
Email address: tina_huerta@eogresources.com

Field

Representative Name:
Street Address:
City: State: Zip:
Phone:
Email address:

BLM Point of Contact

BLM POC Name: JAMES A AMOS
BLM POC Title: Acting Assistant Field Manager
BLM POC Phone: 5752345927
BLM POC Email Address: jamos@blm.gov
Disposition: Accepted
Disposition Date: 07/15/2022
Signature: James A. Amos

Altwein Federal Com 1 – Sub P&A
30-015-25286
F-12-19S-23E

3/24/22 – MIRU and NU BOP. RIH with GR/JB to 8040'. Set a CIBP at 8024'. George Barta with BLM-Carlsbad on location to witness setting of CIBP.

3/25/22 – TIH and tagged CIBP at 8001'. George Barta on location to witness tag. Pressured up to 500 psi, held good. George Barta on location to witness test. Spotted 25 sx Class H cement on top of CIBP to 7825', tagged. Texted George Barta and he was good with tag.

3/28/22 – Spotted a 25 sx Class C cement plug from 6932'-6679' calc TOC. No tag required. Spotted a 25 sx Class C cement plug from 6392'-6139' calc TOC. No tag required. Spotted a 25 sx Class C cement plug from 6037'-5784' calc TOC. No tag required. Texted George Barta for all plugs set. Perforated at 4540'. Pressured up to 500 psi, no injection. Texted George Barta.

3/29/22 – Spotted a 28 sx Class C cement plug from 4735'-4437', tagged. George Barta on location to witness tag.

3/30/22 – Spotted a 25 sx Class C cement plug from 3655'-3402' calc TOC. No tag required. George Barta on location. Perforated at 1721'. Pressured up to 500 psi, no injection. Texted George Barta. Spotted a 25 sx Class C cement plug from 1782'-1548', tagged. George Barta on location to witness tag.

3/31/22 – Perforated at 359'. Pressured up to 500 psi, no injection. George Barta on location, decision was made to drop 50' below perf hole and circulate cement to surface. Pumped 53 sx Class C cement from 417' and circulated up to surface. George Barta on location to witness cement to surface. Released rig and moved out.

6/10/22 – The gas on the 8-5/8" casing after initial plugging and the planned remedial operations to correct the issue were discussed with Jim Amos BLM-Carlsbad on 6-10-22 prior to begin remedial operations. NOTE: Updates were provided to Jim Amos and approvals received throughout the remedial plugging operations.

6/12/22 – MIRU and NU BOP. Monitor well pressures. MIRU power swivel and drill out 64' of cement from surface. Circulated clean.

6/14/22 – Began drilling out cement at 65' and fell out of cement at 420' at the end of the day.

6/15/22 – Verified surface plug was drilled and tagged TOC 1548'. RU power swivel and began drilling cement to fall out of cement at 1850'. RD swivel. Ran CBL to surface from 1830' to surface. RIH with packer and set at 720'. Pressure tested below packer to 1200 psi for 15 min, held good. Released packer.

6/16/22 – RIH and tagged TOC 3390'. Circulated hole clean. Perforated at 1750'. Set packer at 720'. Pressure tested casing below packer to 1400 psi for 15 min, held good.

6/17/22 – Spotted a 25 sx Class C cement plug from 1801'-1554' calc TOC. WOC. Pressured up to 500 psi, held good. Tagged TOC 1520'. Perforated at 300'. Pressured up to 1400 psi. Unable to establish injection rate. Let sit for 1-1/2 hours watched pressure decline. Pressure fell to 600 psi in that time, released pressure.

6/20/22 – Dug out cellar. 13-3/8" bull plug removed; valve installed. 0 psi on surface casing. Perforated at 260'. Pressured up wellbore to 1500 psi, 500 psi bled off in 30 min with no communication or circulation attained. Perforated at 200'. Pressured up wellbore to 1600 psi, 600 psi bled off in 3 min with no injection/circulation or communication attained.

6/21/22 – RIH with RBP to 327' and packer at 165'. Pressured up against RBP under packer to 2500 psi, unable to break circulation up 8-5/8". Bled off and repeated every half hour until crane acid crew arrived. Pressure tested lines to 5000 psi. Released packer. Spotted 1 bbl acid to EOT and reset packer. Began staging acid into perfs ¼ BPM from 2000 psi to 4000 psi, repeated until broke circulation up 8-5/8" to surface. Once acid made surface, shut down 20 min and let acid soak. Resumed pumping acid circulating 1 BPM at 1000 psi for 8 bbls 20% HCL pumped total. Moved to flush with 35 bbls to open top pit circulating up 8-5/8" ISIP 0 psi. Released packer and RBP. Run back in hole with packer to 30'. Verify pump rate 800 psi at 1 BPM. Circulated up 8-5/8" to open top pit. Attempted to circulate 13-3/8" surface casing, unable to move fluid. Released packer.

6/22/22 – Perforate at 1500'. RIH with packer and set at 470'. Pressured up to 2200 psi, bled off 50 psi 5 min. Release pressure and repeated pressure to 2200 psi. Lost 50 psi in 5 min, repeated with same results. Unable to establish injection rate. Released packer and POOH. Tagged TOC 1520'. Spotted 25 sx Class C cement from 1520'-1273' calc TOC. Set packer at 470'. Pressured to 2200 psi and bled off, repeated. Approximately ½ bbl cement injected. Left 2300 psi on casing. Shut in well.

6/23/22 – 8-5/8" casing still gas bubbling at surface. Set packer at 300' to attempt circulation at 300'. Tagged TOC 1250'. Perforated casing at 430'. Attempted injection rate. Pressured up to 1500 psi with no injection rate established. Released packer. Perforated at 380'. Set packer at 340'. Attempted injection rate. Pressured up to 1500 psi with slow bleed off in 10 min. Spot squeezed 25 sx Class C cement from 524'-250' calc TOC. Set packer at 240'. Hesitation squeeze cement up to 2000 psi allowing pressure to drop. Pressured up to 2000 psi repeat hesitation, able to squeeze 1-3/4 bbls cement into perf.

6/24/22 – Opened well. Light equalization between 8-5/8" and 5-1/2" post cement squeeze previous day. No bubbles present. Unset packer and POOH. Tagged TOC 279'.

6/27/22 – Pressured up to 1000 psi, good. Squeezed with 45 sx Class C cement in 5-1/2" casing and up 8-5/8" casing from 200' and circulated up to surface. Visual at cellar.

6/28/22 – Cut off wellhead. Installed above ground dry hole marker as per BLM. Cover cellar and cut off anchors. **WELL IS PLUGGED AND ABANDONED.**

District I

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District II

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

CONDITIONS

Action 125825

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 125825
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	7/18/2022