

Well Name: ALTWEIN B FED	Well Location: T19S / R23E / SEC 12 / SESW /	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 B FED COM	Unit or CA Number: NMNM101670
US Well Number: 300152540400X1	Well Status: Abandoned	Operator: EOG RESOURCES INCORPORATED

Accepted for record – NMOCD gc 8/11/2022

Subsequent Report

Sundry ID: 2683992

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 07/25/2022

Time Sundry Submitted: 04:30

Date Operation Actually Began: 03/17/2022

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

SR Attachments

Actual Procedure

Altwein_B_Federal_Com_1_P_A_WBD_20220725163020.pdf

Altwein_B_Federal_Com_1_7_25_22_20220725163009.pdf

Well Name: ALTWEIN B FED

Well Location: T19S / R23E / SEC 12 / SESW /

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 B FED COM

Unit or CA Number: NMNM101670

US Well Number: 300152540400X1

Well Status: Abandoned

Operator: EOG RESOURCES 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: TINA HUERTA

Signed on: JUL 25, 2022 04:30 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: 08/10/2022

Signature: James A. Amos

Altwein B Federal Com 1 – Sub P&A
30-015-25404
N-12-19S-23E

3/17/22 – MIRU and NU BOP. RIH with GR/JB to 7910'. Set a CIBP at 7894'. George Barta with BLM-Carlsbad was on location to witness setting of CIBP.

3/18/22 – RIH and tagged CIBP at 7866'. George Barta on location to witness tag. Pressured up to 500 psi, held good. Spotted 28 sx Class H cement on top of CIBP to 7546' calc TOC. No tag required due to good pressure test. Spotted a 35 sx Class C cement plug from 6614'-6053', tagged. 64' too high. Perforated at 5555'.

Pressured up to 500 psi with no injection. George Barta on location for all work and ok'd it.

3/22/22 – Spotted a 42 sx Class C cement plug from 6053'-5363', tagged. 93' too high. Spotted a 25 sx Class C cement plug from 4916'-4561' calc TOC. No tag required. Spotted a 25 sx Class C cement plug from 3695'-3340' calc TOC. No tag required. George Barta on location for all work and ok'd it.

3/23/22 – Perforated at 1750'. Pressured up to 500 psi with no injection. Spotted a 28 sx Class C cement plug from 1803'-1346', tagged. 59' too high. Perforated at 373'. Established circulation out 8-5/8" casing. Pumped 106 sx Class C cement from 373' and circulated up to surface. George Barta on location for all work and ok'd it. Released rig and moved out. NOTE: 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 prior to begin remedial operations. Updates were provided to Jim Amos and approvals received throughout the remedial plugging operations.

6/28/22 – MIRU and NU BOP. Drilled cement down to 220' and circulate hole clean.

6/29/22 – Drilled out cement from 220' down to 370' and circulated hole clean. RIH to tag TOC across Intermediate shoe. RIH and tagged TOC 1300', 46' higher than previous plugging report. Circulated hole clean. RIH to soft/sticky tag at 1260'. Apply 1000 psi to wellbore.

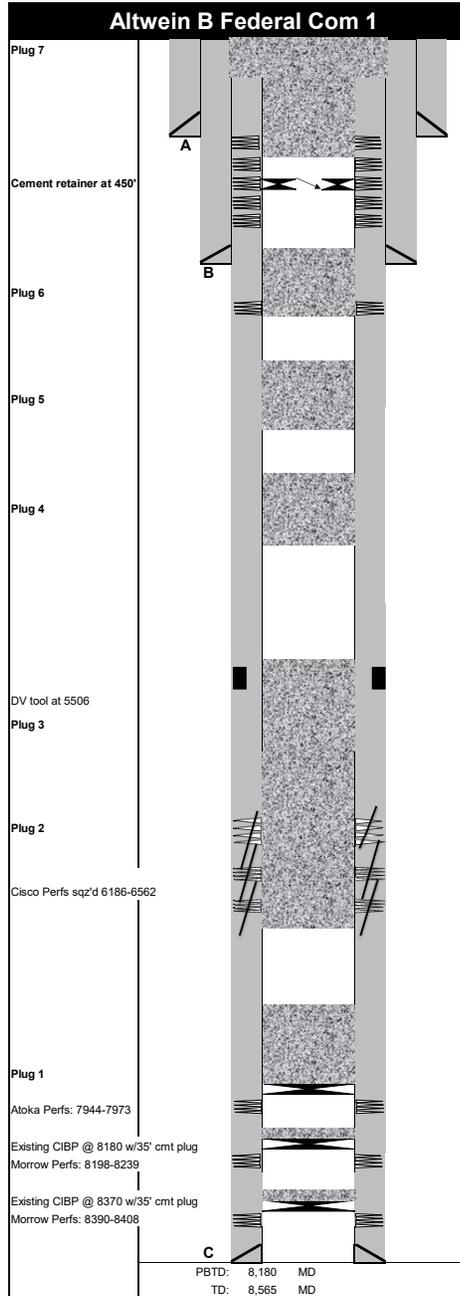
6/30/22 – Perforated at 630'. RIH and unable to run packer past 16' below flange. RIH and still unable to RIH past 16'. Wait on scraper. RIH with scraper to 200' with no issues. No noticeable scraping action taking place. POH with scraper. RIH again and stack out at 16'. RIH with bit, rotating with swivel, working bit from surface to 16' tagging. Getting very small shavings of steel, determined we are not held up with cement stringers, most likely a casing pin looking up folded in preventing pass through.

7/1/22 – RIH with string mill and clean tight spots in casing from 16' to 450' circulation reverse with power swivel. Unable to inject into perf at 630'. Perforated at 420'.

7/5/22 – Perforated at 425'. Established injection rate at 1200 psi. Perforated at 635'. Established injection rate circulating out and around 5' casing. Pumped 45 bbls to flush annular and balance hole. Set a cement retainer at 450'. After 3rd try sting into and established injection rate through cement retainer. Pumped 60 sx Class C cement under cement retainer down through perf at 640' up outside 5' casing, back into top perf at 420' and calc TOC 150' above top perf to approximately 270'. Sting out of cement retainer.

7/6/22 – No gas at surface. RIH tagged TOC at 50' from surface. Spotted 10 sx Class C cement from 50' and circulated up to surface.

7/8/22 - Cut off wellhead. Installed above ground dry hole marker as per BLM. Cover cellar and cut off anchors. **WELL IS PLUGGED AND ABANDONED.**



Altwein B Federal Com 1		Sec-TWN-RNG: 12-19S-23E		API: 30-015-25404					
		FOOTAGES: 660' FSL & 1980' FWL		GL: 3888					
		Unit Letter N		KB: 3904					
CASING DETAIL									
#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC by
A	17 1/2	13 3/8	68	N80	0	323	875	Circ	
B	12 1/4	8 5/8	24		0	1,700	900	Circ	
C	7 7/8	5	21.4	P110	0	8,565	2425	150'	Calc
FORMATION TOPS									
	FORMATION	TOP		Formation	TOP				
	Abo	3650		Strawn	7420				
	WC	4854		Atoka	7916				
	Cisco	6034		Morrow LS	8138				
Perforation Detail									
Formation	Top	Bottom	Treatment						
Cisco (Sqz'd)	6,184	6,562	Acidized w/8100 gals 15% HCl						
Atoka	7,944	7,973	w/2000 gals 7 1/2% Morrow (2:1 acid & Methanol) w/1000 scf bbis N2						
Morrow	8,198	8,239	w/2000gals 7 1/2% Morrow acid (2:1 acid & Methanol) w/ 1000 scf/bbl N2						
Morrow	8390	8408	w/1500 gals of 7 1/2 Morrow acid w/2:1 ration methanol (500 gal) & ball sealers						
PLUGS									
#	SX	Class	Top	Bottom	Tag	Notes			
1	28	H	7546	7866	N	CIBP			
2	35	C	6053	6614	Y				
3	42	C	5363	6053	Y	Perforate			
4	25	C	4561	4916	N				
5	25	C	3340	3695	N				
6	28	C	1346	1803	Y	Perforate			
7	106	C	0	373	N	Perforate			
Remedial Operations: Perforated at 630', 420', 425' and 635'. Pumped 60 sx Class C cement under cement retainer at 450' down through									
perf at 640' up outside 5" casing, back into top perf at 420' and calc TOC 150' above top perf to 50', tagged. Spotted 10 sx Class C cement									
from 50' and circulated up to surface.									
ADDITIONAL DETAIL									
	5/14/1999 Sqz'd 6186-6562 to 3200# w/190 sx in formation. Reversed 25 sx to pit								
	5/19/1999 Set CIBP @ 8370 w/35' cmt								
	5/22/1999 Set CIBP @ 8180 w/35' cmt								
Existing CIBP @ 8180 w/35' cmt plug									
Morrow Perfs: 8198-8239									
Existing CIBP @ 8370 w/35' cmt plug									
Morrow Perfs: 8390-8408									
PBTD: 8,180 MD									
TD: 8,565 MD									
7/25/22									

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

CONDITIONS

Action 132756

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 132756
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	8/12/2022