



EMC Ops Summary - External

Well Name Van Den Heuvel #1	Field Name	Lease	Area Rockies
Business Unit EMC	County/ Parish Mesa	Global Metrics Region EMC US East	Surface UWI 07705092

Basic Well Data			
Current RKB Elevation	Original RKB Elevation (ft)	Latitude (°)	Longitude (°)

Phases					
Actual Start Date	Actual End Date	Phase 1	Phase 2	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC		
10/25/2022 08:00	10/28/2022 13:00	MOB	MOVEON	37.50	
10/28/2022 13:00	10/30/2022 11:00	MOB	RU	8.00	
10/30/2022 11:00	11/7/2022 13:00	ABAN	PLGMILL	63.50	11.02
		MOB	RU		
11/7/2022 13:00	11/9/2022 16:00	ABAN	CMTPLUG	22.00	
		REST	FAC		

Start Date	Summary
10/25/2022	Planned journey management. Drove to Rifle Colorado.
10/26/2022	Held safety meeting with crew. Cleared location of snow. Cleared location of mud. MIRU crane and supporting equipment. Couldn't get the well to bleed down. Couldn't get CTU onto pad due to pad condition. Called for gravel to fill the road entrance. Offloaded BOP. Secured location. SDFN
10/27/2022	Held safety meeting with crew. Cleared location of snow and mud. Installed gravel at the entrance and in front of the wellhead. Moved in the CT pump and support trailer. Spotted flowback tank. Hooked up the well to the tank and opened to flow overnight
10/28/2022	Held safety meeting with crew. Spotted in CTU. Spotted in fluid pump. Bled down the well and removed the night cap. Installed 11" 5k stack. PT 250 psi low 1000 psi high. Test was good. Secured location. SDFN.
10/29/2022	Held safety meeting. N/U and test BOP. 250 low/2000 high. Test was good. R/U CTU. MU tools. Secured location. SDFN.
10/30/2022	Held safety meeting with crew. N/U and test CTU lubricator. RIH with 6-3/4" bit. Drilled from 13.4' to 31' and fell out of CMT. Washed down to 265' with no tag. TOH and installed 8-1/2" reamer into the BHA above the bit. RIH to 35' at 15 fpm with reamer. No tag. TOH and shut in well. Secured location. SDFN.
10/31/2022	Held safety meeting with crew. Broke out 11" spool. Laid down BHA. Picked up new BHA. RIH with new BHA to 275'. unable to make hole. TOH with CT. .Remove tools, R/D CTU. move equipment off location. SDFN.
11/1/2022	R/D crane, unload tubing and collars, Move in A-plus equipment and rig.
11/2/2022	Rig up, change pipe rams and test BOPE 250L/2K high 5-minutes and 10-minutes, spot pipe wrangler, remove flowcross R/U floor, fix stairs. load all lifting equipment for BHA onto floor.
11/3/2022	Safety meeting, R/U tbg equipment, measure and picture BHA. SWA, weather conditions and wifi phone service not working unable to make calls from loction.
11/4/2022	P/U 1- DC, attempt to M/U bit and sub, unable to M/U bit sub due to wrong thread, call for replacement, while waiting P/U casing tongs and R/U power swivel. M/U bit and sub, P/U 4-DC, P/U 1-jt of 3.5" tubing. SWI bit @ 155'.
11/5/2022	R/D casing tongs, R/U tubing tongs, P/U 4-jts, tag @ 275', M/U circulating head with rubber, P/U swivel make connection, Brake circulation, repair swivel, clean out F/ 275' T/ 322', pump 2x bottoms up. TOH w/ swivel and 3-jts, bit @ 322'
11/6/2022	TIH w/ swivel and clean out open hole F/ 307' T/ 327', note hard drilling cement F/ 327' T/ 337', drill down T/ 353' bit got stuck, pump and rotate while working stuck pipe back into 10.75" shoe. SWI
11/7/2022	Talk with engineer about BHA ajustment. called Aaron Katz with COGCC and he approved variance to plug well F/ 351'. Hang swivel, L/D 4-jts oof 3.5" tbg and (4) 4-3/4" DC with 8-3/4" bit, R/D Gladiator pump and hardline, R/D casing tongs, R/U tbg tongs, bubble test casing for 30-minutes, passed, R/U cement equipment, RIH with tubing T/ 351', reverse circulate and fluid was coming out of ground, foward circulate with 50-bbbs and TOH with 11-jts of 3.5" tbg. spot wireline truck. SWI
11/8/2022	R/U WL run CBL T/ 240', Run packer set @ 68'. injection 2-bpm @ 500-psi no fluid coming out of the ground. TII with packer, TIH w/ 11-jts T /351'. Spot 104-sks F/ 351' T/ 120', L/D tbg, P/U packer set @ 68', squeeze 3.75-bbbs down T/ 157', holding 600-psi bleed down to 450-psi after 2.5-hrs. bleed down and L/D tbg and packer, fill casing. swi.
11/9/2022	open well bubble test, TIH w/ packer T/ 99' test cement T/ 250-psi for 15-minutes, good test, tag TOC 221 circulate well clean, bubble test passed, cement to surface w/ 110-sks, fill and squeeze 25-sks cement coming out around will head 135-sks total. clean up BOPE, load equipment. RDMO, move equipment off location.
11/10/2022	N/D BOPE and load, load work string. move wrangler and pipe racks off location, empty tanks