

OCCIDENTAL PETROLEUM CORPORATION

Please contact your area engineer with any questions concerning this procedure.

3/9/2026

RE-ENTRY PLUG and ABANDONMENT PROCEDURE

PARKER 10-26

05-123-20264



Step Description

1	PREP
2	Well is being re-entered to P&A well to current standards due to it being offset to upcoming fracs.
3	Provide 48 hour notice to Colorado ECMC prior to rig up per request on approved Form 6 (i.e. submit Form 42, etc.)
4	Perform pre-job safety meeting and review JSA. Ensure all parties know their roles and responsibilities and can identify hazards.
5	Follow all Rockies Well Servicing guidelines.
6	Stop and complete new JSA prior to all barrier changes.
7	Locate and expose 8-5/8" casing stub.
8	Tie into and weld on 8-5/8" casing stub above GL.
9	Install 8-5/8" 3K Q92 well head with ball valves on both outlets.
10	Check and record surface casing pressure.
11	START RIG ACTIVITIES
12	MIRU rig/ equipment/tanks/pumps.
13	Perform negative test and ensure well is dead. Wait 15-30 minutes to verify (cement is at surface).
14	Pressure test BOPE, annular and 2" 1509 iron to API standards. Chart and record pressure tests. Please refer to Testing Procedures and Testing Table listed in the APPENDIX tab. All tests are performed on stump. Note: ensure BOPE accumulator controls are properly placed and pressurized.
15	NU and torque BOPE to casing head.
16	Test TIW valves. Chart tests and document accordingly.
17	DRILLING
18	PU 7-7/8" bit on 4-1/2" drill pipe.
19	Drill 10 sx cement plug from surface through estimated BOC at 30'. Continue washing down to cement plug at shoe and tag. TOC estimated at 1368'.
20	Drill out shoe plug at 1368'. Estimated BOC at 1468'. Keep absolute minimum WOB in the OH section.
21	Round trip for UBHO if one isn't already on.
22	Continue washing down to 7200'.
23	Circulate with biocide treated fresh water to clean the hole. Pump until returns are clean.
24	TOOH, LD BHA.
25	7100' PLUG
26	RIH w/ DP open-ended to 7100'. Establish circulation to surface with biocide treated fresh water and pump at least two hole-volumes to clean up wellbore.
27	MIRU cementers: Pump 310 sx (1.52 yld - 85 bbl or 475cf) of the Niobrara Cement blend: Class G with 0.4% B547 Gas Block (Latex) and 0.4% D255 FLA (Fluid Loss) and 35% D066 Silica Flour and 0.2% D800 (Retardant) and 0.3% D065 (Dispersant). Volume based on 700' in 7.875" bit size open hole with 100% excess factor. Cement planned for 6100-6800'. Collect wet and dry samples of cement to be left on rig. RDMO Cementers. Notify engineering if circulation is ever lost during job.
28	Pull out of cement. TOOH to 5000'. Circulate tbg clean for a minimum of 2 bottoms up. TOOH. WOC.
29	SUSSEX PLUG
30	RIH w/ DP open-ended to tag previous plug to confirm coverage. Move up to 4700'. Establish circulation to surface with biocide treated fresh water and pump at least two hole-volumes to clean up wellbore.
31	MIRU cementers. Pump Sussex Plug: Pump 280 sx (1.19 yld - 59 bbl or 333 cf) of the Sussex AGM: Class G with 0.4% B547 Gas Block (Latex) and 2% D053 Expansion (Gyp) and 0.25% D255 FLA (Fluid Loss) 0.3% D065 (Dispersant). Volume based on 500' in 7.875" bit size open hole with 100% excess factor. Cement planned for 4700'-4200'. Collect wet and dry samples of cement to be left on rig. RDMO Cementers. Notify engineering if circulation is ever lost during job.
32	Pull out of cement. TOOH to 3000'. Circulate tbg clean for a minimum of 2 bottoms up. TOOH. WOC.

33	2200' PLUG
34	RIH w/ DP open-ended to tag previous plug to confirm coverage. Move up to 2200'. Establish circulation to surface with biocide treated fresh water and pump at least two hole-volumes to clean up wellbore.
35	MIRU cementers. Pump 2200' Plug: Pump 310 sx (1.21 yld) of the Lower AGM blend: Class G with 0.4% B547 Gas Block (Latex) and 2.0% S001 CC (Calcium Chloride) and 4% D053 Expansion (Gyp). Volume based on 600' in 7.875" bit size open hole with 100% excess factor. Cement planned for 2200'-1600'. Collect wet and dry samples of cement to be left on rig. RDMO Cementers. Notify engineering if circulation is ever lost during job.
36	Pull out of cement. TOOH to 800'. Circulate tbg clean for a minimum of 2 bottoms up. TOOH. WOC.
37	SHOE PLUG
38	RIH w/ DP open-ended to tag previous plug to confirm coverage. Move up to 1500' or stay just above tag if shallower than 1500'. Establish circulation to surface with biocide treated fresh water and pump at least two hole-volumes to clean up wellbore.
39	MIRU cementers. Pump the Shoe Plug: Pump 230sx (1.21 yld, 200% OH ex) of the Upper AGM blend: Class G with 0.4% B547 Gas Block (Latex) and 1.5% S001 CC (Calcium Chloride) and 4% D053 Expansion (Gyp). Cement planned for 1500'-900'. Collect wet and dry samples of cement to be left on rig. Notify engineering if circulation is ever lost during job.
40	Pull out of cement. TOOH to 500'. Circulate tbg clean for a minimum of 2 bottoms up. TOOH. WOC.
41	SURFACE PLUG
42	RIH w/ DP open-ended or WL to tag previous plug to confirm coverage. RIH with WL set CIBP and set at 720' or at tag if shallower.
43	ND BOP and RIH openended to just above 720'. Establish circulation to surface with biocide treated fresh water and pump at least two hole-volumes to clean up wellbore.
44	MIRU cementers. Pump the Surface Plug: Pump 210sx (1.21 yld) of the Surface AGM blend: Class G with 0.4% B547 Gas Block (Latex) and 2.0% S001 CC (Calcium Chloride) and 4% D053 Expansion (Gyp). Cement planned for 720'- Surface. Collect wet and dry samples of cement to be left on rig.
45	Pull out of cement. TOOH. Top off with cement to 6-10' below GL to ensure TOC is low enough for C&C team.RDMO cementers. Install night cap. RDMO all.
46	Instruct cementing and wireline contractors to e-mail copies of all job logs/job summaries to rscDJVendors@oxy.com within 24 hours of completion of the job.
47	Supervisor submit paper copies of all invoices, logs, and reports to Well Services Engineering Specialist.
48	Excavation crew to notify One Call to clear excavation area around wellhead and for flow lines.
49	Excavate hole around surface casing enough to allow welder to cut casing a minimum 5' below ground level.
50	Welder cut casing minimum 5' below ground level.
51	Spot weld on steel marker plate. Marker should contain Well name, Well number, legal location (1/4 1/4 descriptor) and API number.
52	Obtain GPS location data and provide to GPS Teams page and OXY GIS database.
53	Back fill hole with fill. Clean location, and level.
54	Submit Form 6 Subsequent Report to Colorado ECMC ensuring to provide 'As performed' WBD identifying operations completed.
55	Welder cut casing minimum 5' below ground level.
56	Spot weld on steel marker plate. Marker should contain Well name, Well number, legal location (1/4 1/4 descriptor) and API number.
57	Obtain GPS location data and provide to GPS Teams page and OXY GIS database.
58	Back fill hole with fill. Clean location, and level.
59	Submit Form 6 Subsequent Report to Colorado ECMC ensuring to provide 'As performed' WBD identifying operations completed.