

OCCIDENTAL PETROLEUM CORPORATION

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

8/16/2022

PLUG and ABANDONMENT PROCEDURE

DB FARMS 12-1HZ

API: 0512351659

**Step Description**

1	Review Previous Open Wells Reports/Well History. If you have questions or concerns, contact Foreman/Engineer.
2	COA: Provide 48 hour notice to COGCC prior to rig up per request on approved Form 6 (e.g. call field coordinator, submit Form 42, etc.).
3	Notify Automation Removal Group at least 24 hours prior to rig move. Request they catch and remove plunger, isolate production equipment, and remove any automation prior to rig MIRU.
4	MIRU Slickline. Pull production equipment and tag bottom. Record tag depth, casing/tubing pressures and fluid level in Open Wells. Gyro was run on 06/02/11. RDMO Slickline.
5	Prepare location for base beam equipped rig. Install perimeter fence as needed.
6	COA: Verify Form 17 (State Bradenhead Test) has been run within 60 days of RU.
7	Refer to the Rockies Well Services Guidelines document whenever rigging up BOP and WL, or whenever tripping in or out of the well. Consult with Foreman/Engineer before deviating from these guidelines. All cement jobs (excluding injections squeezes) must be pumped at 4-6 BPM. All cement plugs pumped through tubing must use the Diverter tool. Final top-out can be pumped between 2-4 BPM.
8	Upon RU, check and record bradenhead pressure. If bradenhead valve is not accessible, re-plumb so that valve is above GL. Blow down bradenhead and leave open during working hours. Re-check pressure each day and input value in the "Casing press." box in Open Wells.
9	TIH with Diverter Tool on 2-3/8 tubing to 200' and pump 16 bbls of 160F HSF (0.125 gals/bbl or 0.5 lbs/bbl) to fill Csg & Flush Csg Valves. Let soak for 1 hour. Circulate out with water.
10	MIRU Cementers. Pump Surface Plug: Pump 72 sx (15.5 bbl or 87 cf) of the AGM Surf blend: 2% CaCl, 4% Gypsum, 0.4% Latex. Volume based on 200' inside 9-5/8, 36# surface casing with no excess. Cement will be from 1901'-1701'. Verify and document cement to surface. Collect wet and dry samples of cement to be left on rig.
11	COA: If cement was not circulated to surface, then WOC 4 hours. Tag TOC. TOC must be 1851' or shallower. If tag is too deep or there is evidence of pressure or fluid migration, contact Engineering.
12	WOC 8 Hours. Lower Diverter Tool on Tbg to Tag TOC. Pressure test 9-5/8" Csg to 500 psi for 15 minutes. Contact Rig Super/Engr with results.
13	MIRU cementers. Pump Balanced Plug: 40 sx (8.6 bbl or 48.4 cf) of the AGM Surf blend: 2% CaCl, 4% Gypsum, 0.4% Latex. Volume is based on 100' in the casing-hole annulus with 0% excess. Collect wet and dry samples of cement to be left on rig. RDMO Cementers.
14	TOH to 400' and reverse circulate to clear tubing. POOH. WOC 4 Hours.
15	RU WL & RIH 9.625" CIBP to set at 350'. POOH and RD WL.
16	RIH Diverter Tool on Tbg. Tag CIBP 350'. Circulate well clean. Swab down 9.625" Csg.
17	MIRU cementers. Pump Surface Balanced Plug: DO NOT PUMP ANY WATER AHEAD OF CMT. 150 sx (32.3 bbl or 181 cf) of the Surface AGM blend: 2% CaCl, 4% Gypsum, 0.4% Latex. Volume is based on 395' in the casing-hole annulus with 0% excess. Collect wet and dry samples of cement to be left on rig. RDMO Cementers.
18	TOOH and remove diverter tool. Insert ~5' of 2-3/8" Tbg. Circulate FW to clean Csg & Csg Valves. LD final joint of 2-3/8" Tbg. RDMO cementers. ND BOP. Install night cap. RDMO WO rig.
19	Instruct cementing and wireline contractors to e-mail copies of all job logs/job summaries to rscDJVendors@anadarko.com within 24 hours of completion of the job.
20	Supervisor submit paper copies of all invoices, logs, and reports to VWP Engineering Specialist.
21	Excavation crew to notify One Call to clear excavation area around wellhead and for flow lines.
22	Excavate hole around surface casing enough to allow welder to cut casing a minimum 5' below ground level.
23	Welder cut casing minimum 5' below ground level.
24	Spot weld on steel marker plate. Marker should contain Well name, Well number, legal location (1/4 1/4 descriptor) and API number.

25	Obtain GPS location data as per COGCC Rule 215 and send to rscDJVendors@anadarko.com .
26	Properly abandon flow lines per Rule 1103. File electronic Form 42 once abandonment is complete.
27	Back fill hole with fill. Clean location, and level.
28	Submit Form 6 to COGCC ensuring to provide 'As performed' WBD identifying operations completed.