Bangert 31-19

API# 05-123-21065

19-2N-66W

Re-Entry and Re-P&A

Draft

AFE#

November 20, 2018

Engineer:	TJ Hanneman
Director, Engineering:	Emily Miller
Workover Superintendent:	Matt Rohret
VP, DJ Operations:	John Schmidt

Safety
Safety meetings are to be held with all service company personnel prior to each job. Wellsite supervisor must notify contractors as to known hazards of which the contractors may be unaware. Well site supervisor must ensure that all workers are aware of their responsibilities and duties under the EH&S guidelines. All safety meetings will be recorded on the Crestone Peak Resources daily completion reports in Wellview. Follow best practices for well control and proper handling of gas, oil and well fluids.

Regulations
All verbal notifications and approval from government regulatory agencies will be recorded on the Crestone Peak Resources daily report. The name of the individual contacted and the subject matter of approval or notification will be recorded.

Reason for Work

Re-plug well with drill rig to provide proper isolation for offset mitigation for the new Crestone Peak Resources Melbon Ranch horizontal pad that moved up onto the schedule.

a) Casing to be pulled: No
b) Fish in hole: YES – 4.5" casing stub ~2345'
c) Wellbore has uncemented casing leaks: No

Form: (02) 401627423 08/09/2018	Operator acknowledges the proximity of the listed non-operated well. Operator assures that this offset list will be remediated per the DJ Basin Horizontal Offset Policy (option 3). Operator will submit a Form 42 ("OFFSET MITIGATION COMPLETED") stating what appropriate mitigation occurred and that it has been completed, prior to the hydraulic stimulation of this well. 05-123-21065, BANGERT 31-19

Additional COGCC COAs

Additional Information
Well will be re-entered and re-P&A'd using drilling rig.

Objective:
Find well and prep to re-enter well. Drill out all plugs. Plug well again with improved plugging requirements.

Procedure:

1. Contractor to obtain Line locates for ground disturbance. Locate well or casing stump. Have surveyor gather an as built survey of well location for records. Approvals from surface owner will be required. Submit Form 6 for approval of re-plug prior to hydraulic stimulation of proposed horizontal well. Refer to all COA's from approval from the COGCC.

2. Construct approved location and temporary access for the site after approvals have been made.

3. Submit Form 42 electronically to COGCC 48 hours prior to MIRU. Notify COGCC Inspector 24 hours prior to MIRU.

4. Dig up stump of original surface casing. Create bell hole to provide safe working area for welder. Cut off marker and prep for a slip-on collar with pup joint to get surface flange to ground level. Install 8-5/8", 3K, flange with adapter spool to go to 11" BOP, 3K Flange on top.

5. Back fill area and prep for rig.

6. MIRU drilling rig and auxiliary equipment.

7. Install 11", 3K BOP, including pipe rams, blind rams, annular, circulating head, mud cross with 3" line to choke manifold and 3" flow line to fluid system. Rig up a 2" kill line on bottom spool below Blind Rams. Test w 13ppg EMW.

8. Pick up 7-7/8" bit, bit sub, and drill collars. Drill out surface plug. Continue to pick up PACKED BHA elements until the full BHA is picked up.

9. RIH tag TOC. Drill out surface plug to 50'. Perform BOP test to 13 ppg EMW for 5 minutes.

10. Circulate hole clean when surface plug is drilled out. Run in hole to the next plug at shoe. Expected top @ ~479'. Report the actual tag depth. Circulate hole with clean mud. Discard returned mud in waste tank. Have 9.8 ppg mud in system before drilling out plug.

11. Drill out plug from 479' to 739'. Circulate hole clean and condition mud.

12. Run in hole to find csg stub. Expected top @ 2345'. Report the actual tag depth. Circulate hole with clean mud. Discard returned mud in waste tank. Have 9.8 ppg mud in system before drilling out plug.

13. TOOH lay down drill pipe and BHA.

14. TIH 2-3/8" workstring with 3-3/4" bit.

15. Attempt to get inside 4.5" casing and clean out to CIBP w 4 sx ~7906'. If unsuccessful, contact engineer and COGCC.

16. Pump 10 sx cmt w silica flour from CIBP to 7775'. PU to 7250'

17. Pump 25 sx cmt w silica flour from 7250'-6950' (across Niobrara). PU to 4450'

18. Pump 25 sx cmt from 4450'-4150' (across Sussex). PU to stub tag ~2345' (make note during RIH)

19. Pump 100 sx cmt from 2345'-2085' (stub plug). PU to 830'

20. Pump 100 sx cmt from 830'-540' (Shoe Plug).

21. TIH with tubing and tag TOC. Verify TOC is at least 100' inside 8-5/8" casing shoe.

22. TOOH to 60', spot 20 sx balanced Type III cement plug from 60'-Surface. TOOH laying down all tubing. Top off as necessary.

23. Contact EHS to FLIR wellhead to confirm no gas leaks/vapors. Safe FLIR video in wellfile.

24. Contact Production Department to coordinate LOTO.

25. ND BOP, Rig down drilling rig and all other auxiliary equipment. Move off location.

26. Per ground disturbance procedure/policy, excavate around wellhead. Notify Environmental Department for surface review and inspection while digging.

27. Cut off casing 4 ft below ground level or as approved by COA's.

28. Weld on metal plate and dry hole marker as per regulation.

29. Restore surface location and reclaim per arrangements with the surface owner.

30. Ensure all gyros, pressure charts, CBLs, cement and wireline tickets are emailed to the office for subsequent reporting. Emails shall be sent to Production Engineer, Workover Coordinator, and Production Technician.

31. Submit Form 6 Subsequent Report of Abandonment documenting the P&A to COGCC.