




United States Department of the
Interior Bureau of Land Management



Report of Undesirable Event

1. Operator: Natural Soda		Field Name: BLM-White River Office		
2. IID NO (Unit/PA, Lease, CA, R/W): NSI-COC-0118327				
3. Date and Time of Occurrence: May 13, 2019 1:30 PM				
4. Date and Time Reported to BLM: May 13, 2019 2:30 PM via phone; May 14, 2019 7:59 AM via e-mail.				
5. Reported By: Kirk Daehling		Phone Number: 970-456-1268		
6. Person in Charge: Kirk Daehling		Phone Number: 970-456-1268		
7. Location: Rio Blanco County		T. 1S	R. 98W	Sec. 26 Qtr Qtr
8. Surface Ownership (Federal, Fee, Indian, State): Federal				
9. Well or Facility ID: 15-16-17 Wells Pipeline				
10. Type of Event (see instructions): Pipeline brine leak				
11. Cause of, and Extent of Event: A 12-inch knife-gate valve on a barren liquor line developed a packing leak, spraying an estimated 150 barrels of barren liquor onto the 4-3H(V) well pad. Fluid from the leak was fully contained on the developed pad by diking.				
12. Volume Discharged or Consumed:		Oil	Water	Gas
Volume Recovered:		Oil	Water	Gas
Volume Lost: 150 barrels		Oil	Water	Gas
13. Time Required to Control Event: 30 minutes				
14. Action Taken to Control Event: Brine leak was detected within 5 minutes by workers at an adjacent well pad. Within 30 minutes barren pumps were isolated from this south wellfield line and the section of line was being drained into 15H injection well. The line was drained and cooled from 235 degrees Fahrenheit to the point that maintenance work could be safely completed. The packing was replaced, and the line was put back into service without incident at approximately 4:30 pm on May 13 th .				
15. Description of Resultant Damage/Injuries: There were no injuries. The leaking brine was contained to the developed pad area by diking around a low spot on the pad.				
16. Clean up procedures and dates: A water truck was used to pump out 1 full load of brine (90 barrels) to manage the level inside the diked area. An estimated 150 barrels of barren brine leaked during this event. Dirt saturated with the brine was excavated from the pad by May 17 th . This excavated material is being transported to the lined pit on 12 pad for disposal on May 20 th . Clean dirt material will be used to fill the excavated pit with remediation work completion targeted for May 24 th .				
17. General Remarks: Photos of the event and progress at 5/18/19 are attached.				
18. Other Federal, State, and Local Agencies Notified: CO DRMS – Amy Yeldell, amy.yeldell@state.co.us				
19. Signature: 		Date: May 20, 2019		

Leak event 5/13/2019:



Diking and Water removal from ponded leak area 5/13/19:



Excavated brine saturated soil 5/18/2019:

