

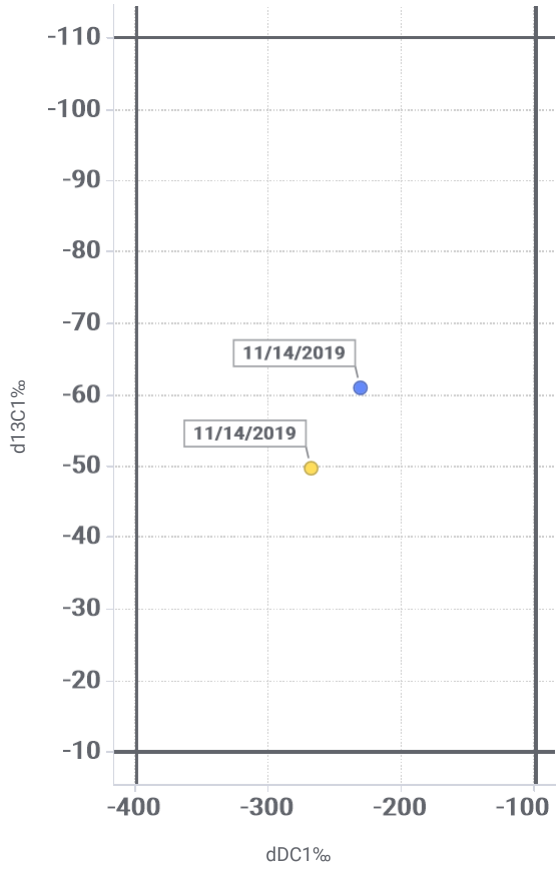
API	Well Name	Summary COA Remarks
0512317754	HSR-SANDBERG 7-6	FOR BRADENHEAD FORM 4 402569226 UPDATE: BRADENHEAD PUESSURE MANAGEMENT PRIOR TO PLUGGING WITH BLOWDOWNS, VOLUME ESTIMATE NOTED. 2021 ANNUAL FORM 17 TEST OBTAINED 11/08/21 28PSI. WELL IS PRIORITIZED FOR P&A IN 2022.

Gas Analysis Summary - Sundry COA Remarks
GAS SAMPLE 12/28/21 FROM BRADENHEAD AND PRODUCTION CASING NOT YET AVAILABLE AND WILL BE UPLOADED VIA FORM 43 WHEN AVAILABLE. 11/14/19 GAS SAMPLE FROM BRADENHEAD AND PRODUCTION CASING ISOTOPIC ANALYSIS SHOWS BRADENHEAD GAS IS MIXED MICROBIAL/THERMOGENIC, DISSIMILAR TO PRODUCTION CASING, AND SOURCE DETERMINATION NOT POSSIBLE

Well Visit Manual Gauge Pressure with Mitigation Blowdowns Noted

API	Date	Bradenhead Pressure (psig)	Volume Estimate (MSCF)	Comment
0512317754	2/28/2021	50		Gauge only (not open to atmosphere)
0512317754	3/4/2021	28		Gauge only (not open to atmosphere)
0512317754	3/31/2021	25		Gauge only (not open to atmosphere)
0512317754	4/7/2021	25		Gauge only (not open to atmosphere)
0512317754	5/19/2021	30		Gauge only (not open to atmosphere)
0512317754	6/4/2021	34		Gauge only (not open to atmosphere)
0512317754	7/27/2021	30		Gauge only (not open to atmosphere)
0512317754	8/26/2021	35		Gauge only (not open to atmosphere)
0512317754	9/9/2021	33		Gauge only (not open to atmosphere)
0512317754	10/7/2021	32		Gauge only (not open to atmosphere)
0512317754	11/8/2021	28		Form 17 produced liquid hydrocarbon
0512317754	11/23/2021	31		Gauge only (not open to atmosphere)
0512317754	12/7/2021	26		Gauge only (not open to atmosphere)
0512317754	12/21/2021	n/a		Environmental sample produced no liquid

d13C1‰ vs dDC1‰ (Whiticar 1994)



d13C1‰ vs %C2+ (Schoell 1983)

