

Assessment of P&A Wells Within 1/4 Mile of Proposed CBM Well

April 30, 2015

Operator: BP America Production Company

Proposed Well: Seibel A 2 (API Pending)

Location: Sec 8, T32N, R05W

Based on a review of COGCC records, the following wells were identified as plugged and abandoned within 1/4 mile of our proposed well.

Well Name: Seibel GU No. 1 (API 05-067-05222)

Location: NESW Sec 8, T32N, R05W

Drilled By: Feldt & Maytag

Operator Name: BP America Production Company

Date Plugged: December 2004

The subject well was drilled in July, 1962 as a vertical triple completion in the Dakota, Gallup, and Mesa Verde formations to a TD of 8056'. Assorted perforation intervals shot from 5096' – 7998' at 3 spf were all stimulated with a frac treatment. The well was originally completed with the following downhole equipment:

Well Information	Hole Size (in)	Casing Type	Top (ft)	Bottom (ft)	TOC (ft)	TOC Depth Method	Install Date	Removal Date
Surface Casing	15"	10.75"	surface	245'	Surface	Circ to surface	July 1962	n/a
Intermediate	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Production Casing	9 7/8"	7" 26ppf	surface	8056'	1600'	CBL	July 1962	n/a
Perforations	n/a	n/a	5096' - 5108' 5172' - 5186' 5204' - 5214' 5244' - 5264' 5642' - 5656' 5672' - 5684' 6812' - 6822' 7018' - 7030' 7074' - 7092' 7755' - 7776' 7814' - 7826' 7903' - 7918' 7970' - 7998'		n/a	Aug 1962	n/a	
Openhole	n/a	n/a	n/a		n/a	n/a	n/a	n/a

***Question marks denote unavailable data in COGCC documentation

The well's Dakota formation from 7814' – 7998' was plugged in February 1964 with 50sx cement. The Point Lookout and Gallup intervals from 5624' – 5784' and 6812' – 7092' respectively, was plugged with cement in February 1967. The Mesa Verde from 5096' – 5264' was plugged cement in December of 2004 and the Graneros formation

from 7755' – 7776' was plugged with an Otis type D plug. The details of all P&A jobs can be found in the completion reports filed with the COGCC and the attached wellbore schematic. This well's name changed to the Seibel Gas Unit A2 with the intent of recompleting and producing the Fruitland Coal formation, however this recompletion never occurred and on January 7, 2015 the name was changed back to the Seibel GU 1.

In addition, a visual inspection of the Seibel GU 1 was conducted by BP personnel on May 6, 2015. The location was properly marked with a steel pipe (Photo 1). The vegetation around the well and the pad vicinity was healthy and consistent with the background. There were no bare spots or signs of stressed vegetation (Photo 2). The area around the pipe was saturated with water to test for bubbles, but no bubbles were observed. There were no odors or soil discoloration.

Based on our record review and inspection, it appears the subject well has been properly plugged and abandoned.



Figure 1 - Marker



Figure 2 - View of surrounding vegetation

Well Name: Seibel GU #1

API #: 05-007-05222

Location: NE SW/4, SEC. 8, T32N, R5W Archuleta County, Colorado

Elevation: 6232' GL, KB 6245'

Date: 1/31/2005

Plug & Abandoned Dec. 15, 2004

