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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103  
Revised July 18, 2013

WELL API NO. 30-025-42208	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. NMLC065863	
7. Lease Name or Unit Agreement Name Zia AGI	
8. Well Number #1	
9. OGRID Number 36785	
10. Pool name or Wildcat AGI: Cherry Canyon/Brushy Canyon	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,550 (GR)	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: Quarterly Injection Data Reports ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Initial Start-up and Quarterly Report for the period from August 24, 2015 through December 31, 2015 Pursuant to NMOCC Order 13809 for Zia AGI #1

This initial report includes the entire startup period in August and September and the initial quarterly report of normal operations from October 2015 - December 2015. Going forward DCP will submit reports following every quarter pursuant to the requirements of the NMOCC order. These reports cover the analysis and reporting of surface injection pressure, TAG temperature, casing annular pressure as well as downhole injection pressure, temperature and annular pressure. The Zia AGI #1 was brought on-line on 8/24/15 and the initial start-up period from 8-24-15 through 10-5-15 is characterized by wide variances in Surface Injection Pressure, Annular Pressure and Injection Temperature as DCP (shown on Graphs 2 and 3) as well as low and variable flow rates as DCP went through the process of starting up the new Zia Gas Plant and shake out of plant operating conditions as reflected in the injection data for this period shown in the graphs which present and analyze these initial data. The plant was shut down once during the initial start-up period from 9-2-15 to 9-5-15. As part of the startup adjustments, corrosion-inhibited diesel was bled from the annular space in mid-September and then again in late September as shown on Graph 3. After the initial start-up period surface injection pressure as well as annular pressure stabilized as demonstrated on Graphs 2 and 3 until December 26<sup>th</sup> when the plant was shut down again due to weather delivery issues and frozen wells in the field. In addition, DCP has experienced and is continuing to experience technical and communication difficulties between the well's downhole sensors and the PLC at the plant which gathers the data submitted as part of this report. During the months of October and December, DCP has been attempting to resolve these issues resulting in some data gaps which are shown on and explained on Graph 5. These actions have been addressing some hardware modifications, reprogramming and software updates relative to its PLC system in order to address some technical issues related to downhole sensors and their communication with the surface PLC unit.

For the first quarter (including the start-up period), the values for injection parameters being monitored were as follows.

**Surface Measurements:** Average TAG Injection Pressure : 1826 psig, Average Annular Pressure: 206 psig, Average Pressure Differential: 1620 psig, Average Tag Temperature: 96°F, Average TAG injection rate: 1.92 MMSCFD.

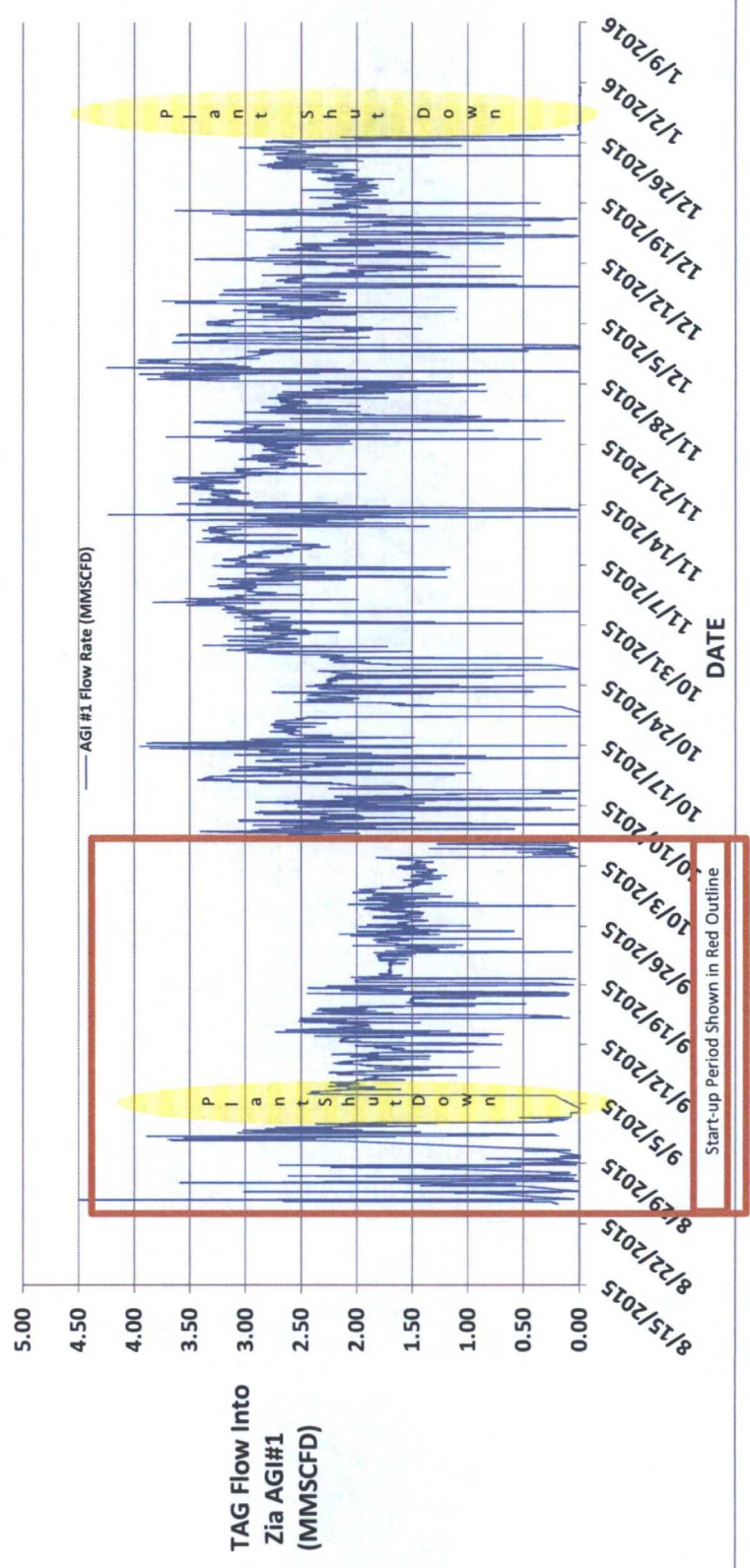
**Downhole Measurements:** Average TAG injection pressure 3655 psig, Average Annular Pressure: 2255 psig, Average TAG Temperature: 96°F, Average Downhole Pressure Differential 1400 psig.

Accepted for Record Only

Page 1 of 2

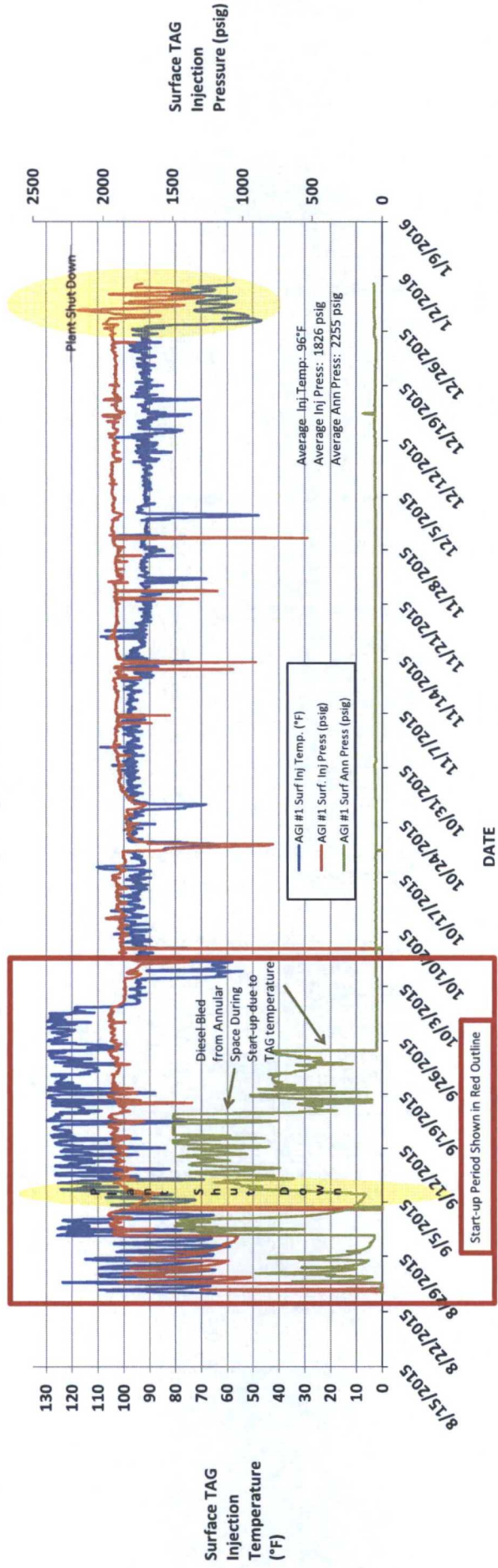
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GRAPH 1 Zia AGI #1  
TAG Injection Rate (MMSCFD)

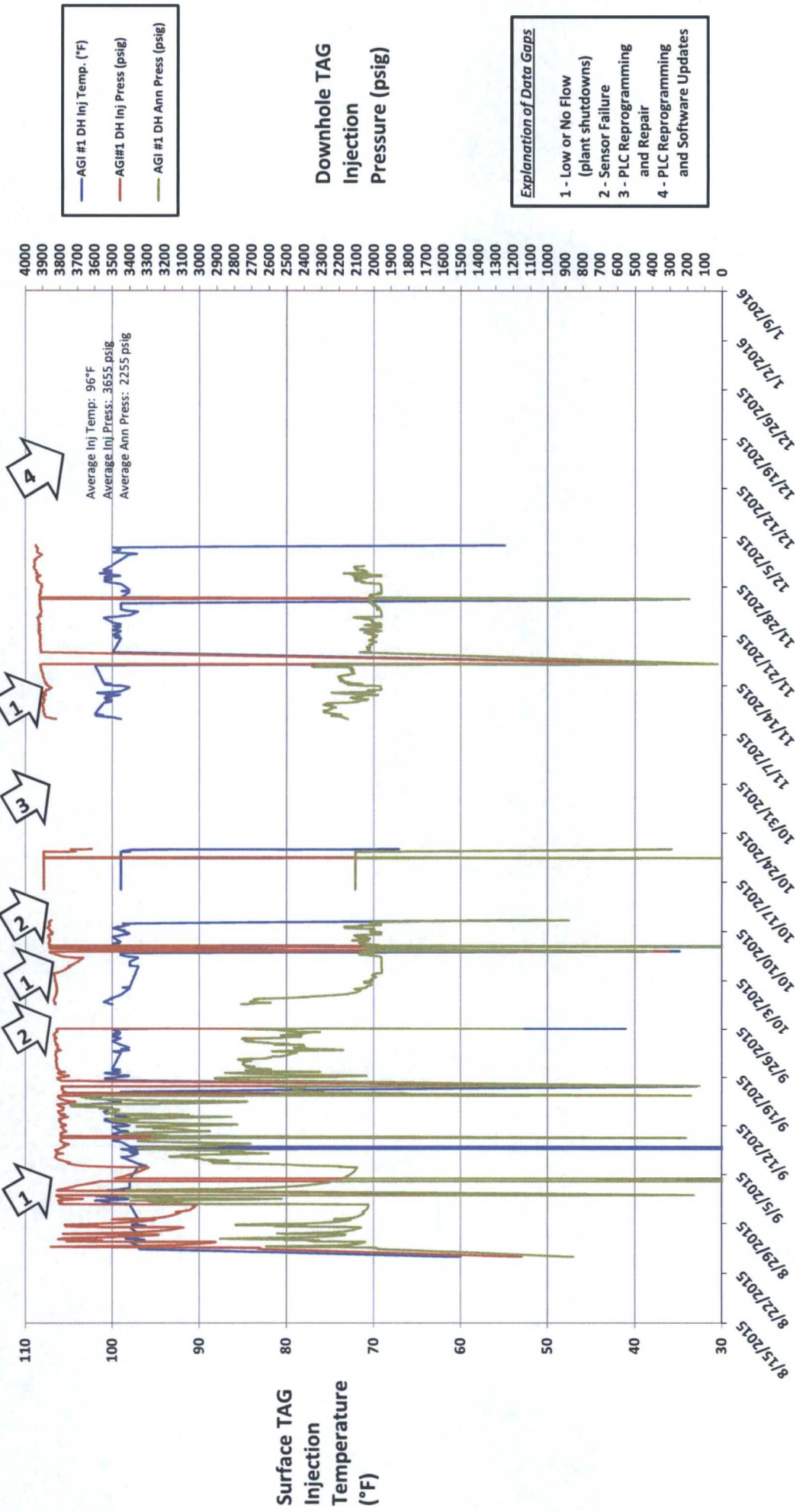




GRAPH 3 Zia AGI #1  
TAG Injection Pressure, Temperature and Annular Pressure at Surface



GRAPH 5 Zia AGI #1 Downhole TAG Injection Pressure, Temperature and Annular Pressure



DATE