



Mull Drilling Company, Inc.
1700 N. Waterfront Parkway, Bld. 1200
Wichita, Kansas 67206
Tel: +1 316.264.6366
Fax: +1 316.264.6440
www.mulldrilg.com

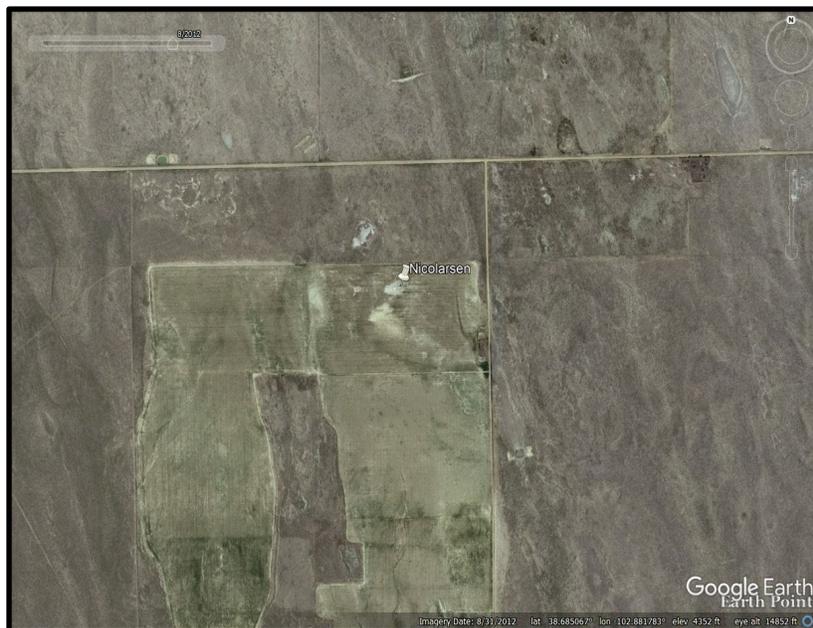
October 17, 2022

Mr. Jason Kosola, P.G.
Southeast Environmental Protection Specialist
Colorado Oil & Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, Colorado 80203

RE: Nicolarsen #1
API # 05-017-07358
Sampling and Analysis Plan
Location ID# 381086
Form 27 Submittal

Mr. Kosola:

Mull Drilling Co., Inc (Mull) is providing this report to the Colorado Oil and Gas Commission (COGCC) for sampling and analysis of the Nicolarsen.#1. The location in question was drilled in 1993 and subsequently abandoned. After contacting the landowner to determine the status of the site for reclamation purposes there was some question as to the nature of the area: there were indications by the landowner that the area was subject to old alkaline deposits of some sort. Additionally, there was an indication that these deposits existed before any oil and gas exploration took place on the location and it was only recently that the area was converted to cropland.



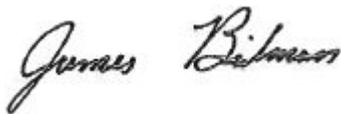
Site Location

Nevertheless, upon contacting the division with this information it was determined that the area will still need a basic soils investigation and examination of historical records performed. There was one image that will be submitted with this document that existed prior to exploration activities which indicates that there was some sort of landform chemistry differences relative to outside areas. This image – Figure I -- was taken from Google Earth and is from 1985. Currently it is our best example of what may have existed prior to Mull drilling the Nicolarsen #1.

In any event, a licensed geologist plans to mobilize to the location in the coming weeks and verify the presence of any soil impacts by taking samples within the assumed area of the original drilling pit for Table 915-1 analysis. A total of 5 soil samples will be taken from the area and include background sample. One of these samples will be at 4 ft depth. All collected soil samples will be submitted to Pace Laboratories of Kansas for analysis following approved chain of custody protocols. Additional samples will be taken should it be deemed necessary by the geologist at that time.

Please see **Figure 2** for an aerial location of the proposed sampling locations. This figure has a modern updated image.

A report displaying the soil sampling results will be submitted upon completion of activities and an analysis given data. Should there be any questions or concerns feel free to contact us,



James Beilman, PG, CPG
Director – Safety & Environmental
Tel: +1 316.264.6366 (128)
Cell: +1 316.364.9203
JBeilman@Mulldrilling.com

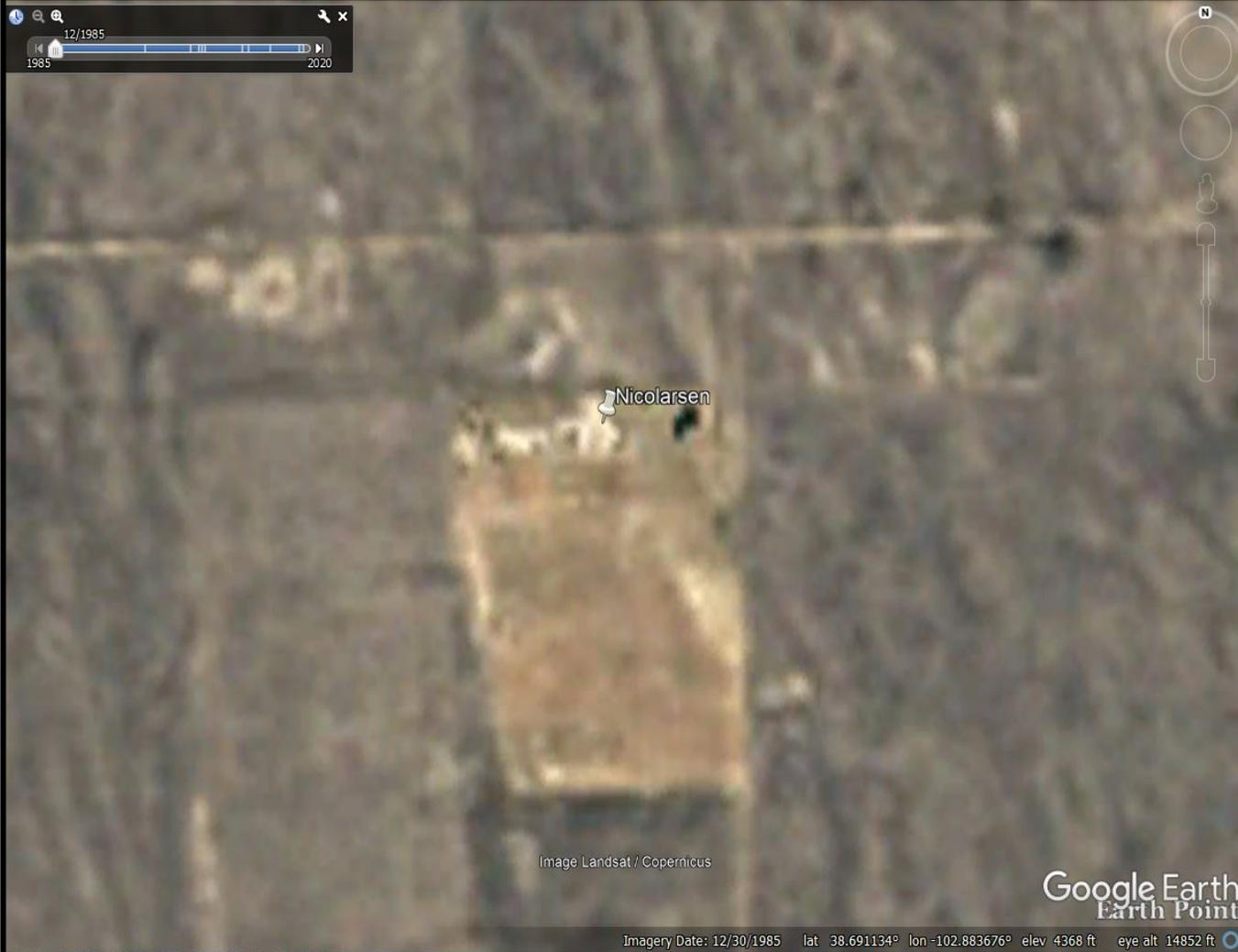
Attachments:

Figure 1 – 1985 Map Aerial of Nicolarsen #1 Area

Figure 2 – Proposed Sampling Locations

Figure 1: 1985 Satalite Image

Nicolarsen #1



Legend

Regulatory Limits as COGCC promulgated table 915-1

Location:	Latitude: 38.686378	Longitude: -102.882503	COGCC Project #	Pending
State:	Colorado			
County:	Cheyenne			



Figure 2: Potential Boring Locations

Nicolarsen #1



Legend

Highlighted Points are potential boring locations

Regulatory Limits as COGCC promulgated table 915-1

Location:	Latitude: 38.686378	Longitude: -102.882503	COGCC Project #	Pending
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