STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF ANSCHUTZ OIL COMPANY, LLC FOR COMPULSORY POOLING AND AN UNORTHODOX OIL WELL LOCATION, RIO ARRIBA COUNTY, NEW MEXICO.

Case No. 15,234

VERIFIED STATEMENT OF MONICA STOEBER

CITY AND COUNTY OF DENVER)
) ss.
STATE OF COLORADO)

Monica Stoeber, being duly sworn upon his oath, deposes and states:

- 1. I am over the age of 18, and have personal knowledge of the matters stated herein.
- 2. I am a geologist for Anschutz Oil Company, LLC ("Anschutz"), and I am familiar with the geological matters involved in this case.
- 3. I have not previously been qualified as an expert petroleum geologist by the Division. My educational and employment background is as follows: I received a bachelor's degree Geology from Western State College in Gunnison, Colorado in 2005. I have been employed by Anschutz Exploration Corporation and Anschutz Oil Company, LLC as geotech from 2006 to 2012, and as a geologist since 2012.
 - 4. The geological plats attached hereto show the following:
 - (a) Attachment A is a structure map on top of the Gallup (or Ojito) formation. It shows the top of the structure of the sand package that we intend to drill through with our horizontal lateral. We expect that our well will be slightly updip from the Elk Com 34 1H and Davis Federal Com 3-15 wells.
 - (b) Attachment B is a north-south cross section. We expect that the characteristics of the Gallup (or Ojito) formation found in the Elk Com 34 1H and Davis Federal Com 3-15 wells will likely be similar in our target zone in the Regina Com 25-2-14-15-1H well.
- 5. This well will test the Gallup (or Ojito), an interval of the Mancos formation which is known to be tight. The permeability for this interval is estimated to range between <0.1 and 6 NanoDarcies (data is from offset core analyses from the Elk Com 34-1H and the Davis Fed 3-15). Porosity is estimated to range between 3 and 8% (data also from the Elk Com 34-1H and the Davis Fed 3-15). Because of the extremely low permeability of this reservoir, the economic

viability of the well is dependent on an extended lateral length. We intend to complete and produce from each of the half-sections that comprise the lateral portion of the well bore. I conclude from core data from the Elk Com 34 1H and Davis Federal Com 3-15 wells that the project area is justified from a geologic standpoint, and each half section in the project area will contribute to production.

- 6. The wellbore will have an unorthodox location in order to maximize the productive interval of the wellbore. I do not believe that offset interest owners will be adversely affected by the unorthodox location because the reservoir's characteristics described above. In addition, Anschutz will not object to an offset operator drilling at a similar unorthodox location.
 - 7. Anschutz is the successor operator to Hunt Oil Company.
- The granting of this application is in the interests of conservation and the prevention of waste.

Monica Stoeber, Geologist

CITY AND COUNTY OF DENVER)
) ss
COUNTY OF COLORADO)

Monica Stoeber, being duly sworn upon her oath, deposes and states that: She is a geologist for Anschutz Oil Company; she is authorized to make this verification on its behalf; she has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of her knowledge, information, and belief.

SUBSCRIBED AND SWORN TO before me this / day of November, 2014 by ______

My Commission Expires June 1, 2017

KAREN S. MARTIN NOTARY PUBLIC STATE OF COLORADO NOTARY ID 20054018147

MY COMMISSION EXPIRES JUNE 1, 2017





