

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

APPLICATION OF MEWBOURNE OIL COMPANY
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.

Case No. 16315

VERIFIED STATEMENT OF CHARLES CROSBY

COUNTY OF MIDLAND)
) ss.
STATE OF TEXAS)

Charles Crosby, 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 Mewbourne Oil Company ("Mewbourne"), and I am familiar with the geological matters involved in this case. I have been qualified by the Division as an expert petroleum geologist.

3. The following geological plats are attached hereto:

(a) Attachment A is a structure map on the top of the Wolfcamp formation. It shows that structure dips gently to the east. It also shows Wolfcamp wells in the area, and a line of cross-section.

(b) Attachment B is a cross section. The well logs on the cross-section give a representative sample of the Wolfcamp formation in this area. The unit will be dedicated to the Skynyrd 2 W0CN Fee Well No. 1H, the Skynyrd 2 W0DM Fee Well No. 1H, and the Skynyrd 2 W0DM Fee Well No. 2H, in the W/2 of Section 2, Township 24 South, Range 28 East, NMPM. The target zone for each well is the upper Wolfcamp sand. The sand is continuous and uniformly thick across the well unit.

4. I conclude from the maps that:

(a) The horizontal spacing unit is justified from a geologic standpoint.

(b) Each quarter section in the unit will contribute more or less equally to production.


(c) There is no faulting or other geologic impediment on the area which will affect the drilling of the subject wells.

EXHIBIT

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5. Attachment C contains information from other Wolfcamp wells drilled in this area. There are both standup and laydown wells in this area, and Mewbourne sees no difference in production whether wells are standup or laydown.

6. Attachment D contains the horizontal drilling plans for the three proposed wells. The producing interval each proposed well will be orthodox.



Charles Crosby

VERIFICATION

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

Charles Crosby, being duly sworn upon his oath, deposes and states that: He is a geologist for Mewbourne Oil Company; he is authorized to make this verification on its behalf; he has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of his knowledge, information, and belief.

CS

Charles Crosby

SUBSCRIBED AND SWORN TO before me this 25th day of July, 2018 by Charles Crosby.

My Commission Expires: 8-26-19

Judy K Taylor

Notary Public

