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

APPLICATION OF KAISER-FRANCIS OIL COMPANY FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

Case No. 20051

VERIFIED STATEMENT OF MITCH SULLIVAN

COUNTY OF <u>TULSA</u>)
) ss.
STATE OF OKLAHOMA)
Mitch Sullivan, being duly	sworn upon his oath, deposes and states:
	of 18, and have personal knowledge of the geological matters Kaiser-Francis Oil Company ("KFOC").
2. I have not been qua educational and employment backg	alified by the Division as an expert petroleum geologist. My ground is as follows:
BS in Petroleum Geology fi	rom the University of Oklahoma.
	Geologist for KFOC for over 10 years and have over 6 years'
experience in the Permian Basin.	
My area of responsibility at	KFOC includes this portion of Southeast New Mexico.

- (a) Attachment A is a structure map on the top of the Wolfcamp A Wolfcamp zone. It shows that structure dips gently to the West/Southwest. It also shows Wolfcamp wells in the vicinity of the proposed Red Hills Well No. 401H, and a line of cross-section.
- (b) Attachment C is a Stratigraphic-Wolfcamp A cross section. The well logs on the cross-section give a representative sample of the Wolfcamp formation in this area. The target zone for the well is the Wolfcamp A zone, and that zone is continuous across the well unit.
- 4. I conclude from the maps that:

3.

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

The following geological plats are attached hereto:

- (b) Each quarter section in the well unit will contribute more or less equally to production from the wells.
- (c) There is no faulting or other geologic impediment which will adversely affect the drilling of the subject wells.
- 5. KFOC sees no difference for standup or laydown wells in this area. KFOC chose standup due to our lease configuration..
- 6. Attachment D contains the proposed horizontal drilling plan for the well. The producing interval of the well will be orthodox, and will comply with Division setback requirements.

VERIFICATION

STATE OF OKLAHOMA)
) ss.
COUNTY OF TULSA)

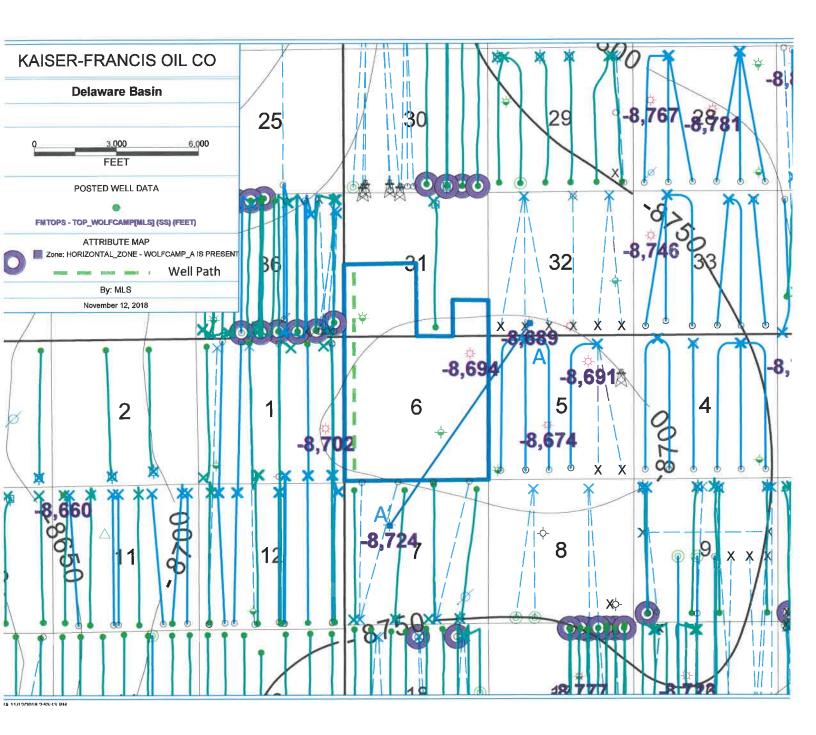
Mitch Sullivan, being duly sworn upon his oath, deposes and states that: He is a geologist for Kaiser-Francis Oil Company; he is authorized to make this verification on its behalf; he has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of his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

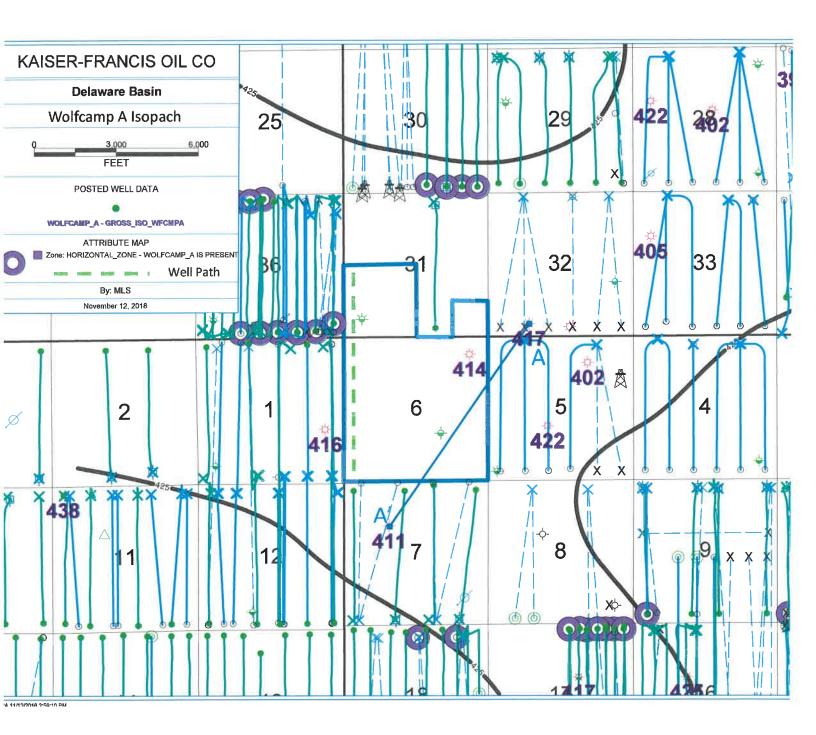
Mitch Sullivan

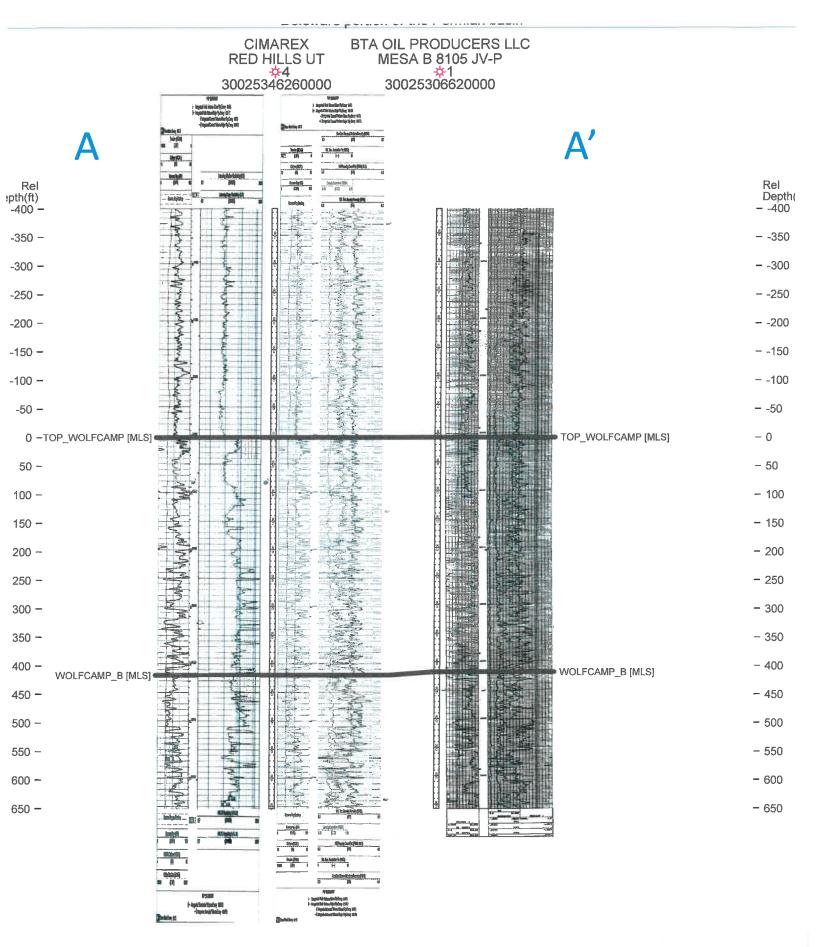
SUBSCRIBED AND SWORN TO before me this 13th day of November, 2018 by Mitch Sullivan.

My Commission Expires: 2-20-6

Notary Public
State of Oklahoma
SHANNON LEAMAN
TULSA COUNTY
COMMISSION #09001751
Comm. Exp. 02-20-2021







Stratigraphic Cross Section on the top of the Wolfcamp.