

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

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

Case No. 5 20291+20292
A

VERIFIED STATEMENT OF LEE LINDMAN

COUNTY OF TULSA)
) ss.
STATE OF OKLAHOMA)

Lee Lindman, being duly sworn upon his oath, deposes and states:

1. I am over the age of 18, and have personal knowledge of the geological matters stated herein. I am a geologist for Kaiser-Francis Oil Company ("KFOC").

2. I have been qualified by the Division as an expert petroleum geologist.

My area of responsibility at KFOC includes this portion of Southeast New Mexico.

3. The following geological plats are attached hereto:

(a) Attachment A is a structure map on the top of the Top of the Wolfcamp zone. It shows that structure dips gently to the East. It also shows the Penroc - Brantley B #1 and Devon - Harroun Trust 19 #1 wells in the vicinity of the proposed Mosaic Fed 2419 3BSS #1H, and the Mosaic Fed 2419 3BSS #2H and a line of cross-section.

(b) Attachment B is a Gross Sand Isopach map of the 3rd Bone Spring Sand from the Top of the 3rd Bone Spring Sand to the Top of the Wolfcamp. The 3rd Bone Spring Sand zone shows a uniform thickness across the proposed well unit.

(c) Attachment C is an A - A' cross section. The well logs on the cross-section give a representative sample of the 3rd Bone Spring Sand formation in this area. The target zone for the wells, as indicated on the cross section with the red arrow, is the Basal 3rd Bone Spring Sand, and is continuous across the well unit.

4. I conclude from the maps that:

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

EXHIBIT

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(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 wells in this area.

6. The producing interval of the wells will be orthodox, and will comply with Division setback requirements.

VERIFICATION

STATE OF OKLAHOMA)
) ss.
COUNTY OF TULSA)


Lee Lindman, 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.



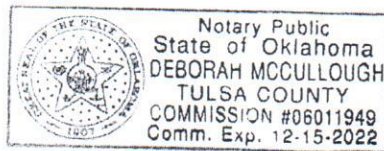
Lee Lindman

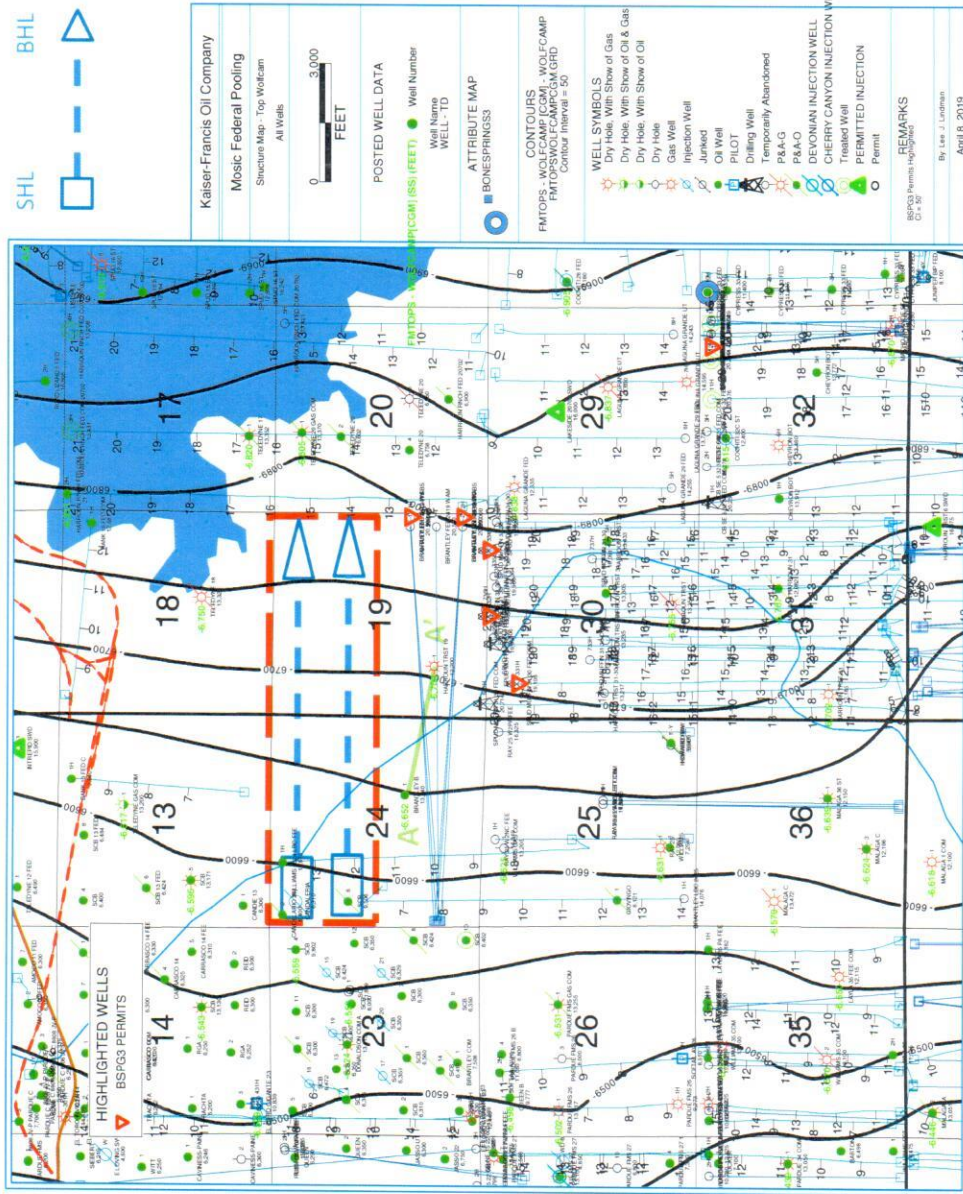
SUBSCRIBED AND SWORN TO before me this 17th day of April, 2019 by Lee Lindman.

My Commission Expires: 12-15-22



Notary Public





SHL BHL

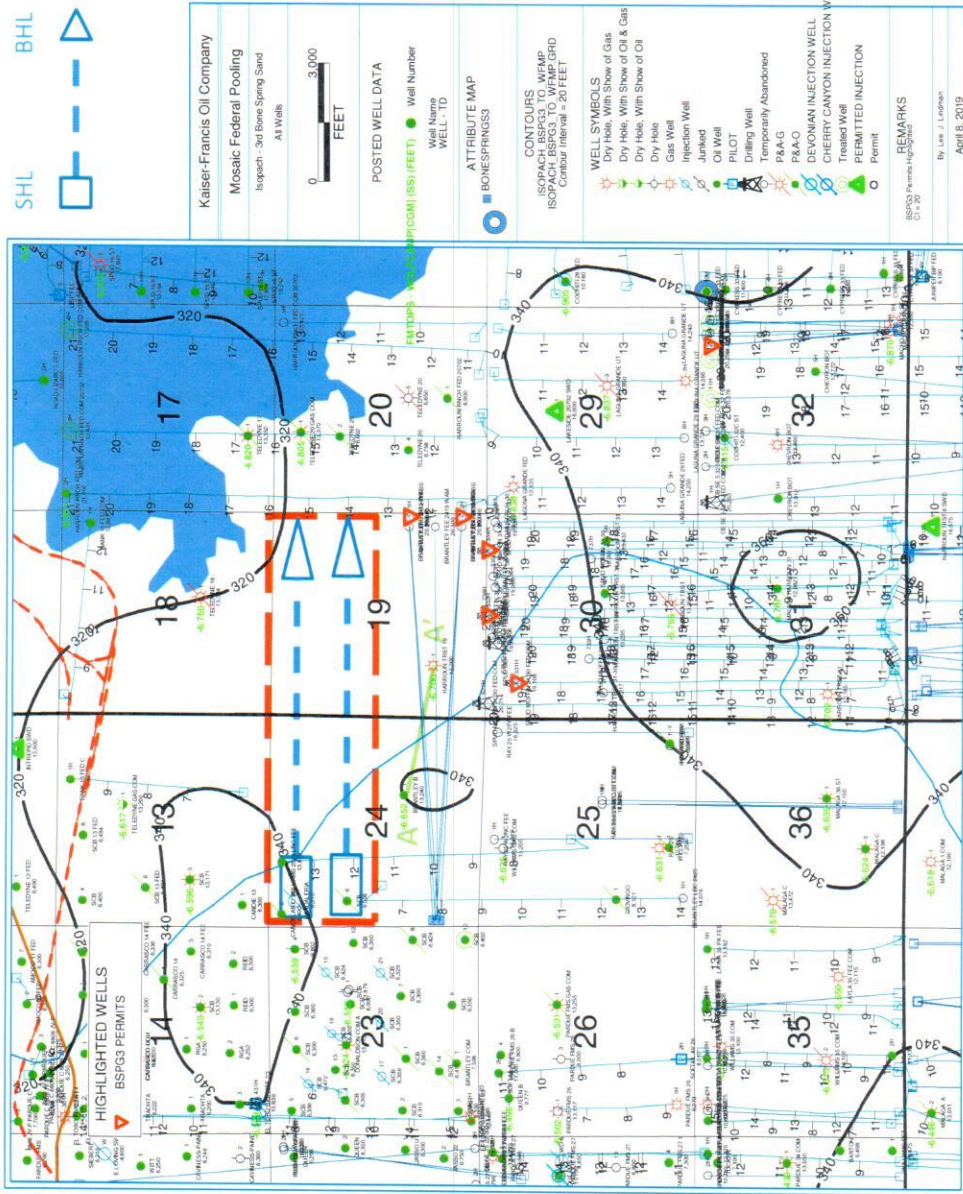


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|--------------------------------------|
| Kaiser-Francis Oil Company |
| Mosaic Federal Pooling |
| Structure Map - Top Wolfcamp |
| All Wells |
| 0 3,000 FEET |
| POSTED WELL DATA |
| Well Number |
| Well Name |
| Well - TD |
| ATTRIBUTE MAP |
| ■ BONESPRINGS |
| CONTOURS |
| FMTOPS - WOLF CAMP (GCM) - WOLF CAMP |
| FMTOPS - WOLF CAMP (GCM) - WOLF CAMP |
| Contour Interval = 50 |
| WELL SYMBOLS |
| Dry Hole With Show of Gas |
| Dry Hole With Show of Oil & Gas |
| Dry Hole With Show of Oil |
| Dry Hole |
| Gas Well |
| Injection Well |
| Juniper |
| Oil Well |
| PILOT |
| Temporarily Abandoned |
| P&A-G |
| DEVONIAN INJECTION WELL |
| CHERRY CANYON INJECTION WELL |
| Treated Well |
| PERMITTED INJECTION |
| Permit |
| REMARKS |
| BSG3 Permits Highlighted |
| By: Lee J. Landman |
| April 8, 2019 |

Structure Map (Top Wolfcamp Subsea)

Project Area

ATTACHMENT



Isopach Map (3rd Bone Spring Sand)

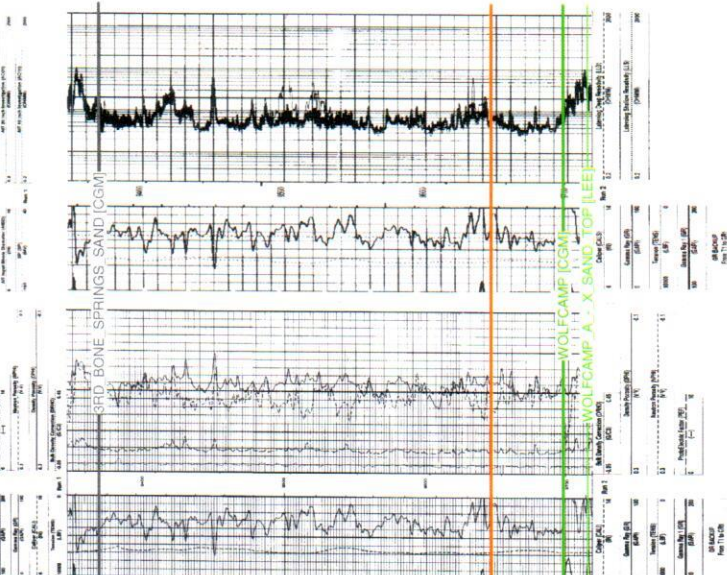
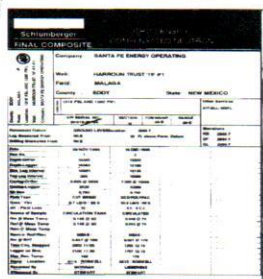
Project Area

ATTACHMENT

3

A

1
DEVON
HARROUN TR
12,200



Datum

Stratigraphic Cross Section A – A'