

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (PHONE)
(505) 982-2151 (FAX)

jamesbruc@aol.com

September 4, 2003

Michael E. Stogner
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Administrative application of Mewbourne Oil Company for
approval of an unorthodox oil well location for the
following well:

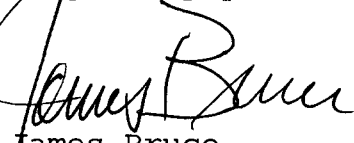
<u>Well:</u>	SF "17" Fed. Com. Well No. 1
<u>Location:</u>	1975 feet FNL & 1422 feet FEL
<u>Unit:</u>	SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 17, Township 18 South, Range 32 East, N.M.P.M., Lea County, New Mexico

Dear Mr. Stogner:

You requested information on the Morrow formation (the primary target of the well) regarding the above application. Enclosed as Exhibit 1 is an isopach/structure map of the Lower Morrow. Mewbourne wishes to remain in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ to hit the thickest sands. As you can see, there is a fault to the west of the location, and moving to the west would place the well on the downthrown side of the fault. The location keeps the well on the upthrown side between two faults, and at the highest structural position.

Please call if you need further information.

Very truly yours,



James Bruce

Attorney for Mewbourne Oil Company

RECEIVED

SEP . 4 2003

Oil Conservation Division

Mewbourne Oil Co

#1 SF 17 Federal Com

PTD 12900

NDE

NDE

-8839
5

EXHIBIT

1

Blumberg No. 5208

Only wells below 11,000 feet shown

Scale 1:12000.

200. 0. 200. 400. 600. 800. 1000. feet



Mewbourne Oil Company

SF 17 Federal Com #1
Isopach Lower Morrow Orange Sand
Structure Top of Lower Morrow

Ralph Neilson

C1=10" C1=50"

9/2/2003

Scale 1:12000.