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PETROLEUM ENGINEERING - PRODUCTION
CONSULTANT
P. O. BOX 198
ARTESIA, NEW MEXICO

October 25, 1968

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Wright
1 Page

New Mexico Oil Conservation Commission (3)
Box #2088
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr., Secretary-Director

Dear Sir:

On October 27, 1965, Windfohr Oil Company (previously designated Nash, Windfohr & Brown) was given approval by your Order #R-2990 to conduct a water injection project on their Jackson "B" lease in the Grayburg Jackson Pool. The Premier zone of the Grayburg formation is being flooded.

We hereby request administrative approval to convert the Jackson "B" well #25 from a producing to an injection well. We are attaching an ownership map of the area, a larger scale lease map showing location and present status of Windfohr wells, and Jackson "B" well #25, the well proposed for conversion. Well #25 is located in the SE/4 SE/4 of Section 24, Township 17 South, Range 30 East, Eddy County, New Mexico.

Jackson "B" #25 is producing only two barrels of oil per day, and since its completion in September of 1963, the well has produced only 6,438 barrels of oil. This well is located on the injection pattern being employed in the area, and we believe well #25 will be more useful as an injection well than as a producer. As shown by the attached map, the use of well #25 as a water injection well will create a 3-way push on well #28 which should result in the recovery of additional oil.

Although well #25 is a "line" well, we do not believe that a compensating injection program will be put into operation at this time, but we are willing to proceed without such a line agreement.

Copies of this application are being furnished Kennedy Oil Company and Tenneco, who are the offset operators. Your approval to use well #25 for a water injection well by administration order will be appreciated.

Yours very truly,


REGISTERED PETROLEUM ENGINEER.

cc: Kennedy Oil Company
Tenneco Oil Company
Mr. John Rush Vann
Mr. E. R. McPhaul

DIAGRAMMATIC SKETCH

WINDFOHR OIL COMPANY - JACKSON "B" #25

PROPOSED INJECTION WELL

Top of cement (8-5/8")
at surface

Top of cement (4 1/2")
Estimated at 1375'.

8-5/8" O.D. 24# J-55 at 1402' with 450 sx.

Will set 2-3/8" tubing with packer at
approximately 3000'.

Inject into interval 3065-3132.

Plugged back to 3250'.

4 1/2" O.D. 11.6# J-55 at 7090' with 925 sx.
Total Depth 7090'.



