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S. P. YATES

OIL OPERATOR AND PRODUCER

YATES BUILDING - 207 SOUTH 4TH STREET ARTESIA, NEW MEXICO - 88210

December 15, 1969

Mr. A. L. Porter, Jr., Secretary - Director Oil Conservation Commission

P. O. Box 2088

Santa Fe, New Mexico

Re: Expansion of S. P. Yates West McMillan Anderson Pressure Maintenance Project, Order No. R-3852

Dear Mr. Porter:

Application is hereby submitted seeking administrative approval for expansion of the West McMillan Anderson Pressure Maintenance Project by completeing the Anderson No. 3 well for injection of water into the Queen Formation. The Anderson No. 3 is located 2310 feet from the East line and 990 feet from the South line of Section 11, Township 20 South, Range 26 East, NMPM, Eddy County, New Mexico, and is presently shut in.

The proposed conversion is submitted in the interest of conservation and should result in greater ultimate recovery of oil, thereby preventing waste. The anticipated rate of injection is 20 BWPD at 400 psi through 2 3/8-inch coated tubing and packing at about 480', open hole pay at 531 feet to 539 feet.

The pressure maintenance project was initiated on November 23, 1969, in accordance with the provisions set out in Order No. R-3852, Case No. 4225, by injecting water into Anderson

DOCKET MAILED

Mr. A. L. Porter, Jr., Secretary - Director December 15, 1969 Page 2

No. 2, and is already showing a 1 BOPD increase in production from Anderson No. 1. You will note that the production for Anderson No. 1 for the month of October was 60 BO, was 80 BO for the month of November, and has produced approximately 4 BOPD for the first two weeks of December.

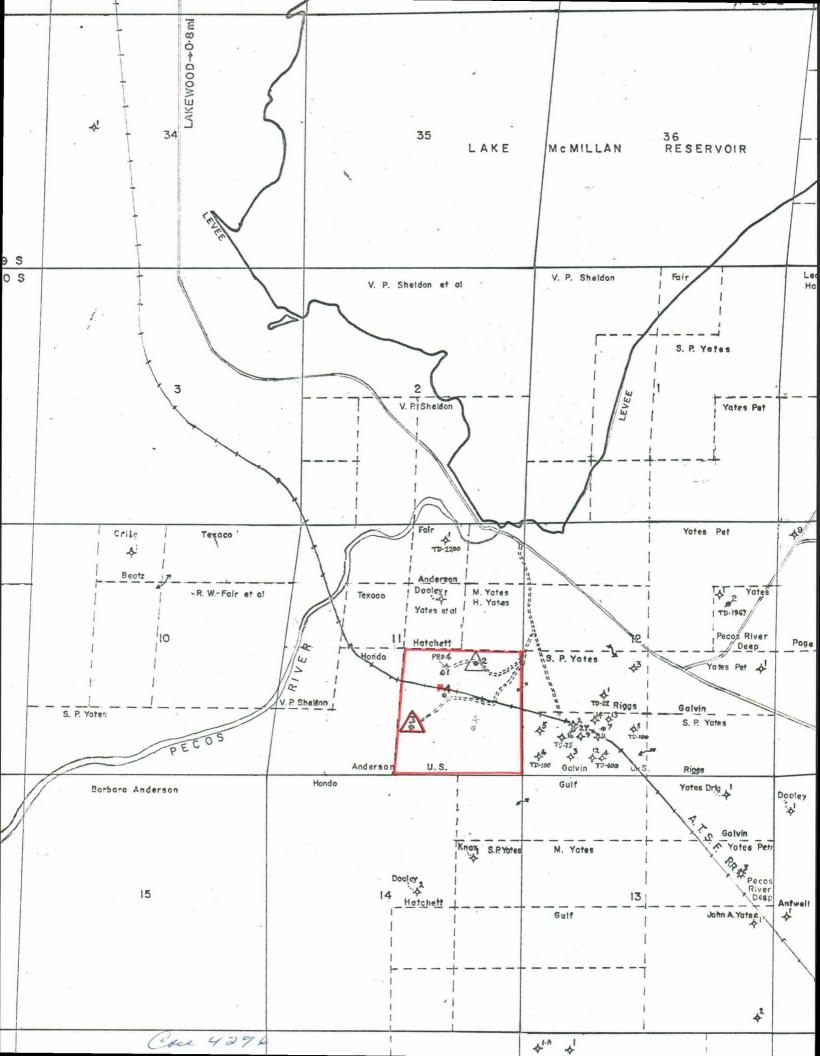
Offset Operator and USGS are notified of this intention by copy of this letter.

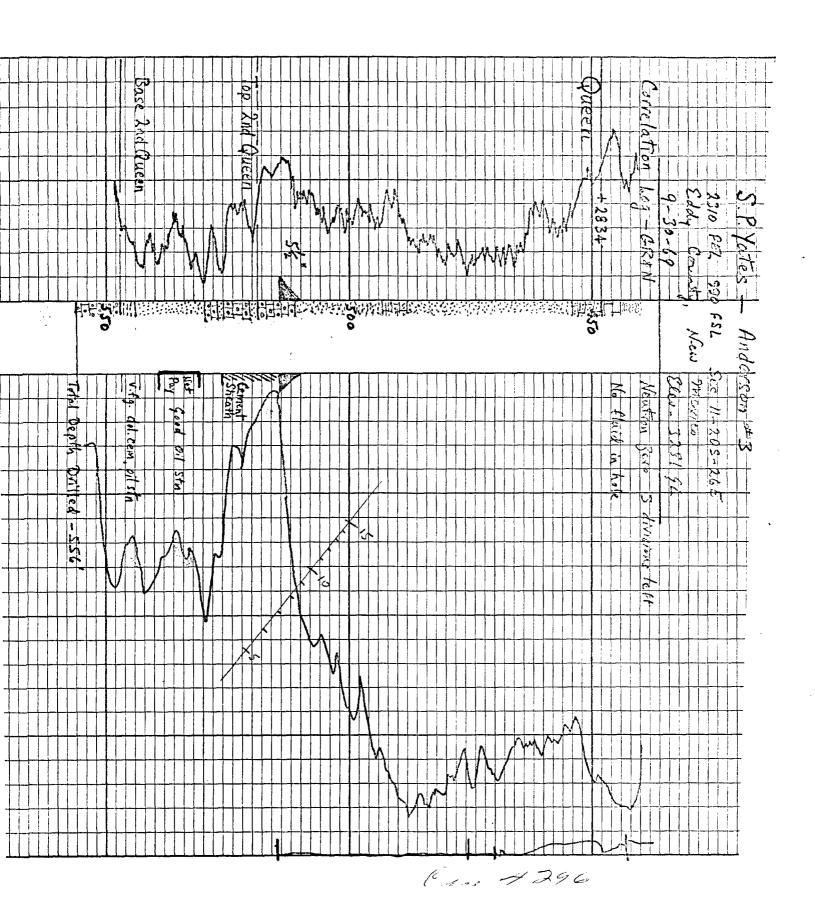
Thank you.

Yours very truly,

Eddie la brabfiel For S. P. Yates

SPY/pt





DIAGRAMMATIC SKETCH OF INJECTION WELL

S. P. Yates - Anderson No. 3 2310/E 990/S Unit 0-11-20-26 McMillan West, S.R.-Qn Pool Eddy County, New Mexico

Elevation - 3281' GL Completed - 10-4-69 Swabbed some oil & water Shut in waiting on waterflood.

Water sand @ 80'.

water sand & ou.

Upper Queen @ 448-480'. Ss rd vf-med-crse firm-friable partly dolic pyr w/ tr sulf FQGs scatt even lt stn

8* Hole to 528'

Second Queen Sand @ 519'-547'
Wht dns dol w/ss interbd; Sd
tan-wht, fg-slty, good oil stn

Wellhead Fittings
Casing Valve w/Guage
Surface Casing cemented to surface
Oil string cemented to surface

20' 11 3/4" H-40 set w/ready-mix in $15\frac{1}{2}$ " hole.

Calculated top of cement @ 87'
Ready Mix cement to surface

220' 10 3/4" hole, 8 5/8" Casing pulled.

Propose to run approx. 480' coated 2.3/8* Tubing and set on Tension Packer, inhibited fresh water in casing annulus, pressure guage on casing valve.

52" 14# Casing set @ 514' w/100sx

Queen Pay @ 531-539'
Treated w/ 250g. 15% Reg. Acid
Swabbed Oil and Water, no Potential

Total depth drilled, 5561.

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MONTHLY PRODUCTION REPORT

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MONTHLY PRODUCTION REPORT

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