AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

November 17, 1967

LAND DEPARTMENT
KENNETH A. SWANSON, MANAGER

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CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. A. L. Porter
Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Application of Aztec Oil & Gas Company for Authorization to Convert Additional Producing Wells to Injection Wells and Expansion of Project Area Pursuant to Order No. R-2190, Tenneco Pressure Maintenance Project, Totah-Gallup Pool, San Juan County, New Mexico

Dear Mr. Porter:

Pursuant to Rule 11 of Order R-2190, Aztec Oil & Gas Company hereby submits in triplicate its application for administrative approval for the conversion of additional producing wells to injection wells and the expansion of project area for the subject Pressure Maintenance Project.

In support of this application, Applicant respectfully states and shows the following:

- 1. Applicant has assumed the duties and obligations of operator of the subject Pressure Maintenance Project.
- 2. The project area is situated within the boundaries of the Central Totah Unit. Applicant proposes to convert the currently producing Central Totah Unit Wells Nos. 6, 14, 20 and 22 to injection wells. Injection of water in the Central Totah Unit has been into Wells Nos. 1, 3, 5, 9, 18 and 21, all approved by previous orders. Also approved by previous order, but not converted to injection wells, are the Central Totah Unit Wells Nos. 10 and 13 which are currently producing. The proposed conversion of the four additional wells will improve the injection pattern and efficiency as far as is permitted by present wells and

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will increase the water injection rate. Unit Wells Nos. 10 and 13 will be converted to injection wells as future operating conditions dictate. Attached hereto as Exhibit "A" is a plat showing the location of the proposed injection wells, all wells within the project area, and all offset operators and wells which offset the project area.

- 3. Attached hereto as Exhibit "B-1", "B-2", "B-3", and "B-4" are schematic drawings of the proposed injection wells describing the casing, tubing, perforated interval and depth for each well and showing that the proposed injections of water will be confined to the Gallup formation.
- 4. As shown on Exhibit "A", Applicant proposes an expansion of the project area to include Lots 1, 2, S/2 SE/4 and the SE/4 SW/4 of Section 11, Township 28 North, Range 13 West, San Juan County, New Mexico. These lands are within the boundary of the Central Totah Unit and the well situated thereon is directly affected by the subject Pressure Maintenance Project and is currently recovering unitized substances.
- 5. Applicant has this day forwarded a copy of this application by certified mail to the following operators offsetting the proposed injection wells: Roy L. Cook, Pan American Petroleum Corporation and Southwest Production Company.

Applicant respectfully requests the Secretary-Director to approve this application for the conversion of additional producing wells to injection wells and for the expansion of the subject project area of the subject Pressure Maintenance Project.

Respectfully submitted,

AZTEC OIL & GAS COMPANY

Gordon E. Coe

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cc:

Mr. Carl Houy, Trustee in Bankruptcy for Aspen Drilling Company, a Bankrupt 724 Patterson Building Denver, Colorado 80202

Pioneer Producing Corporation P. O. Box 2542 Amarillo, Texas

Mr. Warren Shear P. O. Box 807 Duncan, Oklahoma

Pan American Petroleum Corporation Security Life Building Denver, Colorado 80202 Certified Mail, Return Receipt Requested

Roy L. Cook
1116 Bank of New Mexico Building
Albuquerque, New Mexico 87103
Certified Mail, Return Receipt Requested

Southwest Production Company Southland Center Dallas, Texas 75201 Certified Mail, Return Receipt Requested

LARGE FORMAT EXHIBIT HAS BEEN REMOVED AND IS LOCATED IN THE NEXT FILE

EXHIBIT B-1

PBTD 5625

TD 5656

Aztec Oil & Gas Company Central Totah Unit #6 Diagramatic Sketch of Proposed Conversion to Water Injection

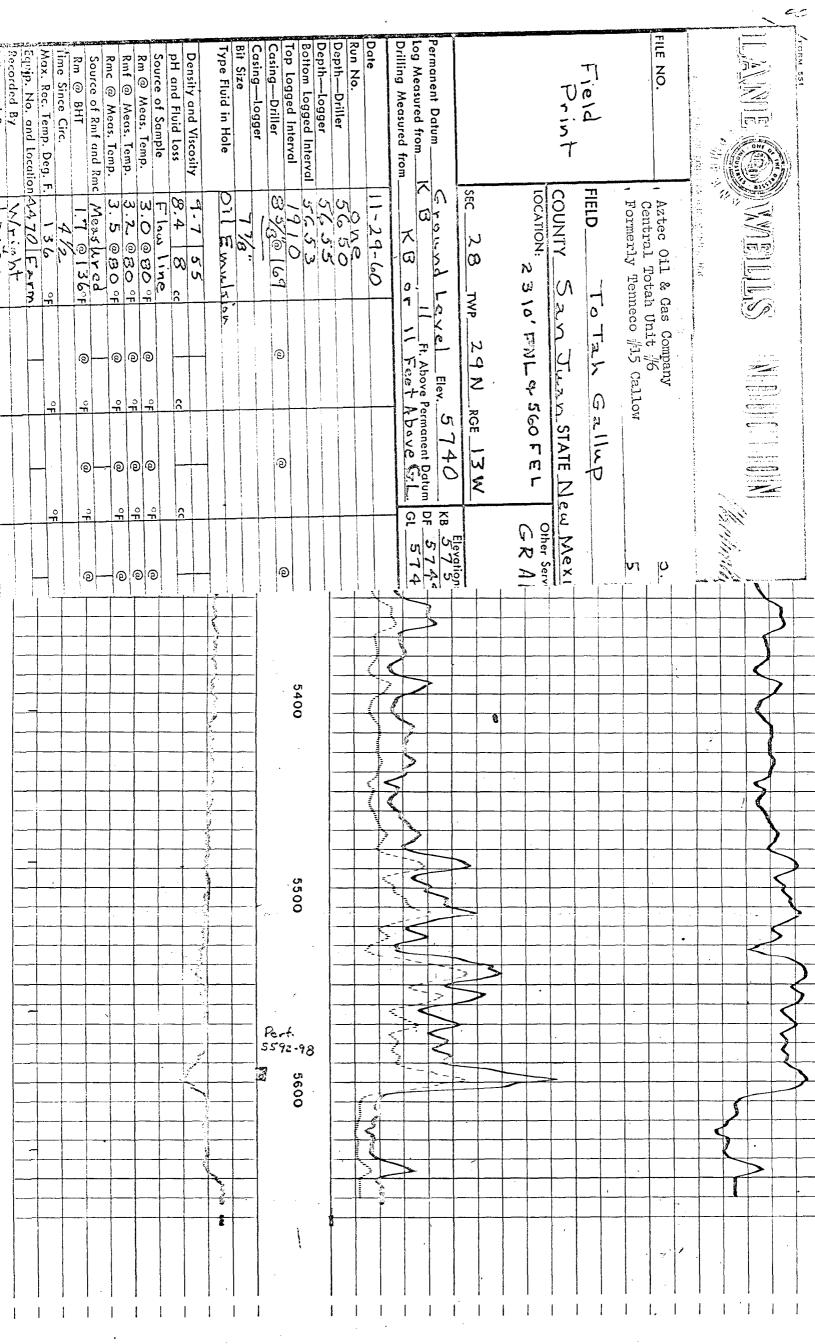
8-5/8" casing set at 169' Cemented w/125 sacks. Cement circulated

4-1/2" stage collar at 1810 Cemented w/50 sacks Top cement 1420 (calc.)

Baker Model A packer Set at 5565 2-3/8" OD Tubing landed at 5565

Gallup Perforations 5592-98

4-1/2" OD casing set at 5652' Cemented w/190 sacks. Top Cement 4230 (calc.)



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EXHIBIT B-2

Aztec Oil & Gas Company Central Totah Unit #14 Proposed Conversion to Water Injection

8-5/8" OD casing set at 137'. Cemented w/100 sacks Cement circulated. 4-1/2" OD stage collar at 1786' Cemented w/50 sacks. Top cement 1130 (Calc.) Baker Model A packer set at 5570 2-3/8" OD Tubing landed at 5570 Gallup Perforations 5593-97, 5634-38 PBTD 5654 TD 5744

4-1/2" OD casing set at 5744 Cemented w/80 sacks. Top cement 4890 (Calc.)

PBTD 5622 ID 5655 Aztec Oil & Gas Company Central Totah Unit #20 Diagramatic Sketch of Proposed Conversion to Water Injection

8-5/8" OD casing set at 320' Cemented w/225 sacks. Cement circulated.

4-1/2" OD stage collar at 1789' Cemented w/150 sacks Top cement 1350 (Temp)

Baker Model A packer set at 5540 2-3/8" tubing landed at 5540

Gallup perforations: 5570-96

4-1/2" OD casing set at 5652 Cemented w/250 sacks. Top cement 4800 (Temp)

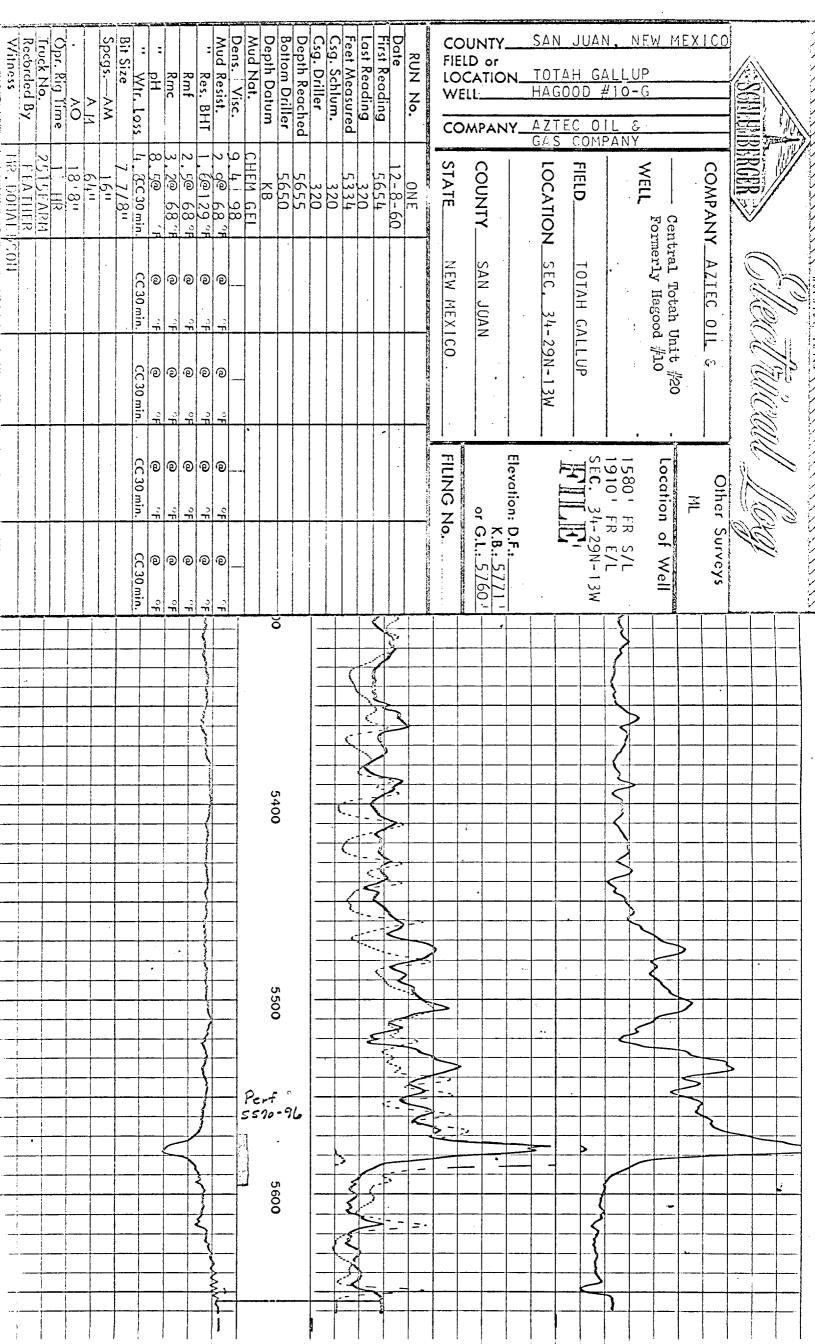


EXHIBIT B -4

PBTD 5734 TD 5745 Aztec Oil & Gas Company Central Totah Unit #22 Diagramatic Sketch of Proposed Conversion to Water Injection

8-5/8" casing set at 234'
Cemented w/175 sacks. Cement circulated.

4-1/2" stage collar at 1817 Cemented w/150 sacks Top cement 1350 (Temp.)

Baker Model A packer set at 5587 2-3/8" OD Tubing landed at 5587

Gallup perforations: 5622-38, 5654-68 5710-14

4-1/2" OD casing set at 5744'
Cemented w/400 sxs. Top cement 3990 (Calc.)

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	COMPANY AZTEC OIL & GAS COMPANY	The state of the s			
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log Measured From Drilling Measured From		5889 5879			
Run No.	1 00 61		>		
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