

AZTEC OIL & GAS COMPANY

Casing Programs
Producing Wells to be Converted to Injection Wells
Totah-Gallup Field
San Juan County, New Mexico
Proposed Aztec Totah Pressure Maintenance Project
EXHIBIT No. 4

Well No.	Location	Surface Casing			Production Casing			Injection Tubing	Perfs
		Size OD (")	Depth (')	Cement Top Depth Base Depth Sx	Size OD (")	Depth (')	Cement Top Depth Base Depth Sx		
Hagood #7-G	710 FNL, 390 FEL Sec. 29-29N-13W	8-5/8	321	225 Surface 321	4-1/2	5500	250 4400-5500 150 920-1533	2-3/8 5300	5362-76
Hagood #16-G	2310 FSL, 330 FEL Sec. 29-29N-13W	8-5/8	203	175 Surface 203	4-1/2	5675	250 4500-5675 150 1400-1737	2-3/8 5560	5614-26
Hagood #27-G	2130 FSL, 3450 FEL Sec. 19-29N-13W	8-5/8	199	225 Surface 199	4-1/2	5199	250 3925-5199 150 900-1207	2-3/8 5050	5104-16
Hagood #28-G	765 FNL, 3175 FEL Sec. 30-29N-13W	8-5/8	203	175 Surface 203	4-1/2	5355	250 4015-5355 150 1060-1438	2-3/8 5150	5210-26 5246-52
Smith "C" #1	705 FSL, 2110 FEL Sec. 18-29N-13W	8-5/8	200	225 Surface 200	4-1/2	5085	250 3890-5085 725-1266	2-3/8 4900	4960-80 5022-30 5064-74
Hagood #13-G	660 FSL, 660 FEL Sec. 34-29N-13W	8-5/8	320	225 Surface 320	4-1/2	5799	250 4800-5799 150 1520-1926	2-3/8 5630	5682-94 5726-34
Hagood #14-G	700 FNL, 2100 FNL Sec. 34-29N-13W	8-5/8	191	140 Surface 191	4-1/2	5752	250 4625-5752 150 1410-1855	2-3/8 5600	5656-73

JFB:gt
1-19-62

Case 2483

AZTEC OIL & GAS COMPANY

920 MERCANTILE SECURITIES BLDG.
DALLAS 1, TEXAS

LAND DEPARTMENT
H. L. SNIDER, JR., MANAGER
KENNETH A. SWANSON, ATTORNEY

January 2, 1962

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

Re: Application of Aztec Oil & Gas
Company for Hearing on Pressure
Maintenance Program for a Portion
of the Totah (Gallup) Oil Pool,
San Juan County, New Mexico

Dear Mr. Porter:

Enclosed are four additional logs of proposed injection wells that were inadvertently omitted from those previously furnished you with our captioned application. These four, along with the three previously received by you, will provide one log for each proposed injection well.

We apologize for this oversight.

Yours very truly,

Kenneth A. Swanson
et

KAS/et
Enclosures (4)

Kocher
Mander
1-11-62
et

GILBERT, WHITE AND GILBERT

ATTORNEYS AND COUNSELORS AT LAW

BISHOP BUILDING

SANTA FE, NEW MEXICO

MAIN OFFICE OCC

1962 JAN 23 PM 1:43

January 23, 1962

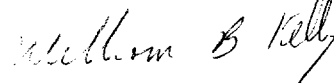
CARL H. GILBERT
L. C. WHITE
WILLIAM W. GILBERT
SUMNER S. KOCH
WILLIAM B. KELLY

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

Dear Mr. Porter:

This letter represents an entry of appearance in Case No. 2483, set for hearing Wednesday, January 24, 1962, whereby this firm is associated with Mr. Kenneth A. Swanson, a Texas attorney representing Aztec Oil and Gas Company.

Very truly yours,



WILLIAM B. KELLY

WBK/ab

AZTEC OIL & GAS COMPANY

920 MERCANTILE SECURITIES BLDG.
DALLAS 1, TEXAS

December 29, 1961

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

Re: Application of Aztec Oil & Gas
Company for Hearing on Pressure
Maintenance Program for a Portion
of the Totah (Gallup) Oil Pool,
San Juan County, New Mexico

Dear Mr. Porter:

Application is hereby made by Aztec Oil & Gas Company for approval of a pressure maintenance project to be known as the Aztec Totah Pressure Maintenance Project. The proposed project would cover the area described by sections or subdivisions thereof set out in Exhibit "A" and designated on the plat attached hereto as Exhibit "B".

It is proposed that water obtained from the Morrison (Cretaceous) formation be injected into the Gallup (Cretaceous) formation encountered at a depth of about four thousand nine hundred and fifty feet (4950') to five thousand six hundred and fifty feet (5650') through approximately seven injection wells. It is expected that injection will commence at a rate of approximately 1,000 barrels per day per injection well.

The casing program of the proposed injection wells is shown on Exhibit "C".

Logs of the proposed injection wells are enclosed with this application.

A list of the names and addresses of all the lessees within a two-mile radius of the proposed project area known to Applicant is appended to this application.

Pursuant to Rule 701, Aztec Oil & Gas Company respectfully requests permission for such pressure maintenance project and requests that the

Mr. A. L. Porter, Jr.

-2-

December 29, 1961

matter be set for hearing at an early date.

Respectfully submitted,

AZTEC OIL & GAS COMPANY

By Kenneth A. Swanson
Kenneth A. Swanson
Attorney

KAS/et

cc: Elliot Production, Inc.
Texaco, Inc.
Tenneco Oil Company
Pan American Petroleum Corporation
Aspen Crude Purchasing Company
Southwest Production Company

LIST OF LESSEES AND ADDRESSES KNOWN TO
APPLICANT WITHIN TWO MILES OF PROPOSED
PROJECT AREA

Texaco, Inc.
P. O. Box 817
Farmington, New Mexico

Pubco Petroleum Corporation
P. O. Box 1419
Albuquerque, New Mexico

Pan American Petroleum Corporation
P. O. Box 480
Farmington, New Mexico

Humble Oil & Refining Company
P. O. Box 120
Denver, Colorado

Elliot, Inc.
P. O. Box 703
Roswell, New Mexico

Southern Union Production Company
Fidelity Union Tower
Dallas 1, Texas

Sunray Mid-Continent Oil Company
P. O. Box 381
Tulsa, Oklahoma

Gas Producers Corporation
P. O. Box 176
Dallas, Texas

Aspen Crude Purchasing Company
P. O. Box 2060
Farmington, New Mexico

Southwest Production Company
3108 Southland Center
Dallas, Texas

R. B. Moncrief
1417 W.T. Waggoner Building
Fort Worth, Texas

Tenneco Oil Company
P. O. Box 1714
Durango, Colorado

EXHIBIT "A"

AZTEC TOTAH PRESSURE MAINTENANCE PROJECT AREA

Towaship 29 North, Range 13 West, N.M.P.M.

Section 18: $S\frac{1}{2}$
Section 19: Lots 1,2,3,4, $E\frac{1}{2}W\frac{1}{2}$, $E\frac{1}{2}$
Section 20: $SE\frac{1}{4}NE\frac{1}{4}$, $NW\frac{1}{4}$, $S\frac{1}{2}$
Section 29: All
Section 30: Lots 1,2, $E\frac{1}{2}NW\frac{1}{4}$, $NE\frac{1}{4}$, $NW\frac{1}{4}SE\frac{1}{4}$, $NE\frac{1}{4}SE\frac{1}{4}$
Section 34: All

San Juan County, New Mexico

AZTEC OIL & GAS COMPANY

Casing Programs

Producing Wells to be Converted to Injection Wells
Proposed Aztec ~~S-16~~-Totah Pressure Maintenance Project

Totah-Gallup Field

San Juan County, New Mexico

Well No.	Location	Surface Casing				Production Casing				Injection		Perfs		
		Size OD (")	Depth (')	Cement Sx	Top Depth (')	Base Depth (')	Size OD (")	Depth (')	Cement Sx	Top Depth (')	Base Depth (')		Size OD (")	Est Pkr (')
Hagood #7-G	710 FNL, 390 FEL Sec. 29-29N-13W	8-5/8	321	225	Surface	321	4-1/2	5500	250 150	4400-5500 920-1533		2-3/8	5300	5362-76
Hagood #16-G	2310 FSL, 330 FNL Sec. 29-29N-13W	8-5/8	203	175	Surface	203	4-1/2	5675	250 150	4500-5675 1400-1737		2-3/8	5560	5614-26
Hagood #27-G	2130 FSL, 3450 FEL Sec. 19-29N-13W	8-5/8	199	225	Surface	199	4-1/2	5199	250 150	3925-5199 900-1207		2-3/8	5050	5104-16
Hagood #28-G	765 FNL, 3175 FEL Sec. 30-29N-13W	8-5/8	203	175	Surface	203	4-1/2	5355	250 150	4015-5355 1060-1438		2-3/8	5150	5210-26 5246-52
Smith "C" #1	705 FSL, 2110 FEL Sec. 18-29N-13W	8-5/8	200	225	Surface	200	4-1/2	5085	250	3890-5085 725-1166		2-3/8	4900	4960-80 5022-30 5064-74 5682-94 5726-34
Hagood #13-G	660 FSL, 660 FEL Sec. 34-29N-13W	8-5/8	320	225	Surface	320	4-1/2	5799	250 150	4600-5799 1520-1926		2-3/8	5630	
Hagood #14-G	700 FEL, 2100 FNL Sec. 34-29N-13W	8-5/8	191	140	Surface	191	4-1/2	5752	250 150	4625-5752 1410-1855		2-3/8	5600	5656-73

JFB:gta
12-26-61

FORM "C"