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(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Approval expires 12-31-60.

Land Office Santa Fe  
Lease No. SF 079634  
Unit McClanahan

RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	XX	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

McClanahan September 29, 1959

Well No. 13 is located 990 ft. from [N] line and 990 ft. from [E] line of sec. 24

NE 1/4 Section 24, T-28N R-10W N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

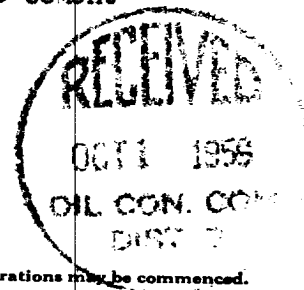
Aztec-Pictured Cliffs San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5865 ft. (ungraded ground)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Propose to: Set 90' of 8 5/8" surface casing with 100 sacks cement.  
Drill through Pictured Cliffs formation to a total depth of 2100'  
Set 4 1/2" production casing at depth of 2100' with 100 sacks cement  
Perforate Pictured Cliffs formation with 4 shots per foot  
Sand-water frac with 40,000 gallons water and 40,000# sand  
Run 1" Tubing.



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Aztec Oil and Gas Company

Address Box # 786,

Farmington, New Mexico

ORIGINAL SIGNED BY JOE C. SALMON

By Joe C. Salmon

Title District Superintendent

PI  
L

1. The first part of the report is a general introduction to the subject of the study. It discusses the importance of the study and the objectives of the research. It also provides a brief overview of the methodology used in the study.

2. The second part of the report is a detailed description of the study area. It provides information about the location of the study area, the population of the study area, and the characteristics of the study area. It also discusses the data sources used in the study.

3. The third part of the report is a description of the methodology used in the study. It discusses the data collection methods, the data analysis methods, and the statistical tests used in the study.

4. The fourth part of the report is a description of the results of the study. It discusses the findings of the study and the conclusions drawn from the study. It also provides a brief summary of the study.

5. The fifth part of the report is a discussion of the study. It discusses the limitations of the study, the strengths of the study, and the implications of the study. It also provides a brief summary of the study.

6. The sixth part of the report is a conclusion. It summarizes the findings of the study and the conclusions drawn from the study.

7. The seventh part of the report is a list of references. It lists the sources of information used in the study.

8. The eighth part of the report is an appendix. It contains additional information related to the study.

9. The ninth part of the report is a list of figures. It lists the figures included in the study.

10. The tenth part of the report is a list of tables. It lists the tables included in the study.

11. The eleventh part of the report is a list of abbreviations. It lists the abbreviations used in the study.

12. The twelfth part of the report is a list of symbols. It lists the symbols used in the study.

13. The thirteenth part of the report is a list of footnotes. It lists the footnotes included in the study.

14. The fourteenth part of the report is a list of appendices. It lists the appendices included in the study.

15. The fifteenth part of the report is a list of references. It lists the sources of information used in the study.

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

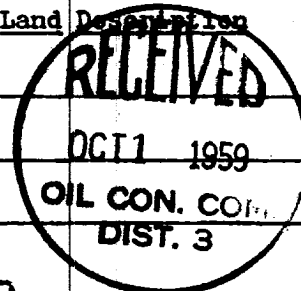
Date September 28, 1959

Operator AZTEC OIL & GAS COMPANY Lease McClanahan  
Well No. 13 Unit Letter A Section 24 Township 28N Range 10W NMPN  
Located 990 Feet From North Line, 990 Feet From East Line  
County San Juan G. L. Elevation 5865 Dedicated Acreage 160 Acres  
Name of Producing Formation Pictured Cliffs Pool Astec Pictured Cliffs

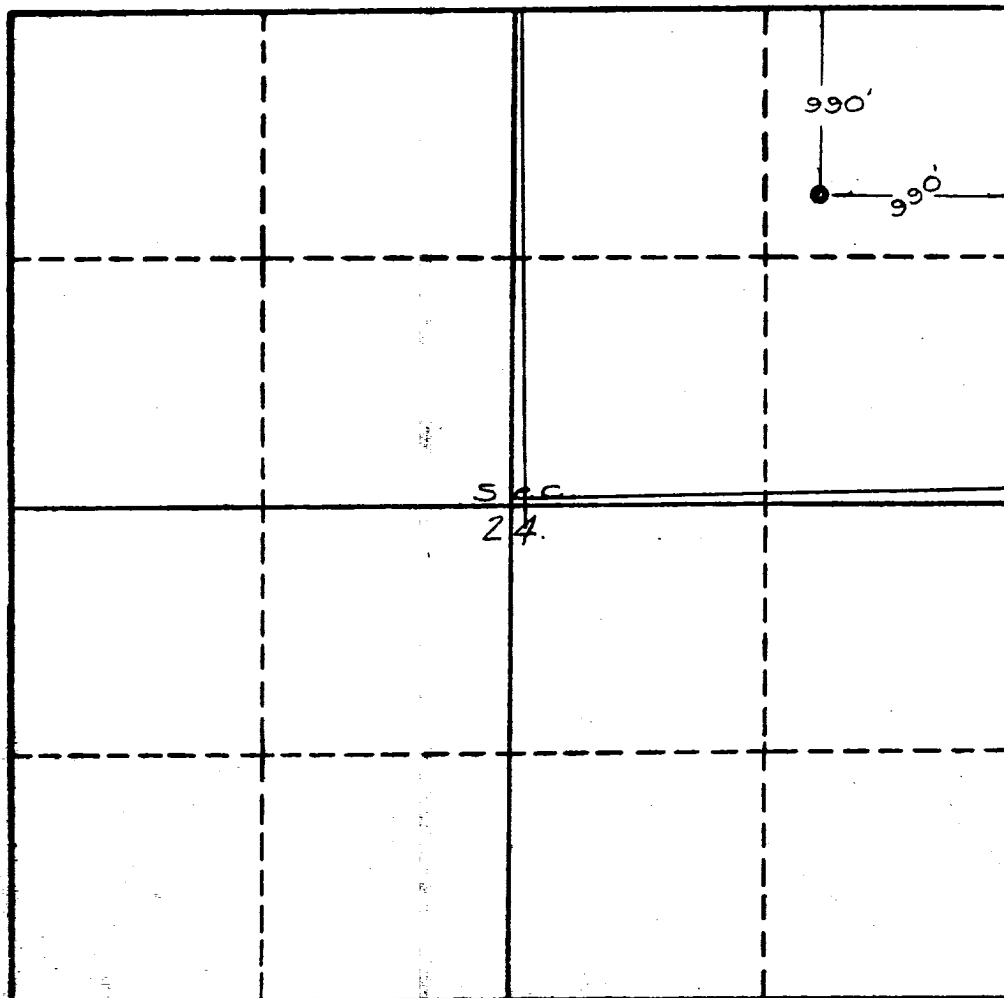
1. Is the Operator the only owner\* in the dedicated acreage outlined on the plat below?  
Yes XX No
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes        No       . If answer is "yes,"  
Type of Consolidation
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description



Section. B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

AZTEC OIL & GAS COMPANY  
(Operator)

ORIGINAL SIGNED BY JOE C. SALMON  
(Representative)

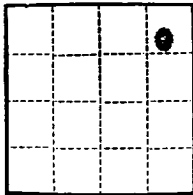
Box 786, Farmington, N. M.  
Address

This is to certify that the well location shown on the plat in Section B is true and complete to the best of my knowledge and belief.

Date Surveyed Sept 28, 1959

Ernest V. Echolaw  
Ernest V. Echolaw  
Registered Land Surveyor.

Certificate No. 1545



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. SP 079634  
Unit McClanahan

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RECEIVED  
NOV 6 1959  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

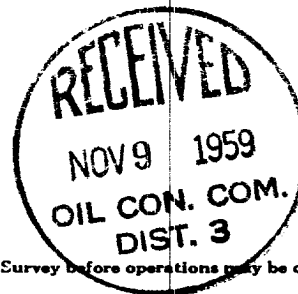
McClanahan  
Well No. 13 is located 990 ft. from [N] line and 990 ft. from [E] line of sec. 24  
NE 1/4 Section 24 T-28N R-30W N. 4. P. 1.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Astee-Pictured Cliffs San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5865 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total depth - 2090' Run logs; Top of Pictured Cliffs - 2009'  
Perforated from 2022' - 2062'  
Set 65 joints, 2084' of 1 1/2" casing, landed at 2090' with 75 sacks cement  
Top of cement - 1510'  
Swabbed hole dry  
Tested 2 hours with 900' pressure  
Pipe Okay.



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Astee Oil and Gas Company  
Address Box # 736,  
Farmington, New Mexico  
By ORIGINAL SIGNED BY JOE C. SALMON  
Joe C. Salmon  
Title District Superintendent

