

OIL CONSERVATION COMMISSION
1000 Rio Brazos Rd.
Aztec, New Mexico

DATE 2-11-69

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

RE: Proposed NSP _____
Proposed NSL _____
Proposed NFO _____
Proposed DC ✓ _____

Gentlemen:

I have examined the application dated 2-6-69
for the Aztec Oil & Gas Co. Genier #1 O-6-31N-11W
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approved

Yours very truly,

Emily Chavez
OIL CONSERVATION COMMISSION

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

PRENTICE WATTS
VICE PRESIDENT
PRODUCTION

February 6, 1969

New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico

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

RE: Application for Dual Completion
Aztec Oil & Gas Company
Grenier #1
SW SE Section 6-31N-11W
San Juan County, New Mexico

Gentlemen:

In accordance with provisions of Rule 112-A, we are transmitting herewith, in quadruplicate, Aztec Oil & Gas Company's Application for Administrative Approval to dually complete our Grenier #1 well in the Aztec Pictured Cliffs and Blanco Mesaverde gas pools. A plat of the lease and diagram of the proposed installation is attached to the Application. Two copies of the electric logs were furnished to the Oil Commission office in Aztec, New Mexico.

Each offset operator is being furnished copies of our Application together with waivers requesting their consent to this proposed dual completion.

Your review and approval of our Application will be appreciated.

Very truly yours,



L. M. Stevens

LMS:bjr

Attachments

cc: New Mexico Oil Conservation Commission - Aztec
Each Offset Operator



AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

PRENTICE WATTS

VICE PRESIDENT
PRODUCTION

February 6, 1969

Kimbark Exploration Company
201 University Building
Denver, Colorado

RE: Application for Dual Completion
Aztec Oil & Gas Company
Grenier #1
SW SE Section 6-31N-11W
San Juan County, New Mexico

Gentlemen:

Please find enclosed Aztec Oil & Gas Company's Application for Administrative Approval to dually complete our Grenier #1 well in the Aztec Pictured Cliffs and Blanco Mesaverde gas pools. Also, we are enclosing a waiver of objection. If you have no objection to this dual completion, please execute the waiver and forward one copy to the New Mexico Oil Conservation Commission and a copy to this office.

Very truly yours,



L. M. Stevens

LMS:bjr

Encls.

cc: New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico
Attention: Mr. A. L. Porter, Jr.



AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING
DALLAS, TEXAS 75202

PRENTICE WATTS
VICE PRESIDENT
PRODUCTION

February 6, 1969

El Paso Natural Gas Company
Post Office Box 1492
El Paso, Texas

RE: Application for Dual Completion
Aztec Oil & Gas Company
Grenier #1
SW SE Section 6-31N-11W
San Juan County, New Mexico

Gentlemen:

Please find enclosed Aztec Oil & Gas Company's Application for Administrative Approval to dually complete our Grenier #1 well in the Aztec Pictured Cliffs and Blanco Mesaverde gas pools. Also, we are enclosing a waiver of objection. If you have no objection to this dual completion, please execute the waiver and forward one copy to the New Mexico Oil Conservation Commission and a copy to this office.

Very truly yours,

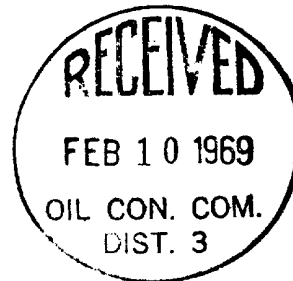


L. M. Stevens

LMS:bjr

Encls.

cc: New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico
Attention: Mr. A. L. Porter, Jr.



APPLICATION FOR DUAL COMPLETION

Field Name <u>Aztec Pictured Cliffs - Blanco Mesaverde</u>		County <u>San Juan</u>	Date <u>February 6, 1969</u>
Operator <u>Aztec Oil & Gas Company</u>		Lease <u>Grenier</u>	Well No. <u>1</u>
Location of Well <u>0</u>	Unit <u>6</u>	Township <u>31N</u>	Range <u>11W</u>

1. Has the New Mexico Oil Conservation Commission heretofore authorized the dual completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO X
2. If answer is yes, identify one such instance: Order No. _____ ; Operator, Lease, and Well No.:

3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	<u>Aztec Pictured Cliffs</u>	<u>Blanco Mesaverde</u>
b. Top and Bottom of Pay Section (Perforations)	<u>3168-3200</u>	<u>5410-5524</u>
c. Type of production (Oil or Gas)	<u>Gas</u>	<u>Gas</u>
d. Method of Production (Flowing or Artificial Lift)	<u>Flow</u>	<u>Flow</u>

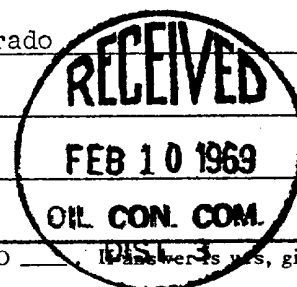
4. The following are attached. (Please mark YES or NO)

- X a. Diagrammatic Sketch of the Dual Completion, showing all casing strings, including size and setting, top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- X b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- X c. Waivers consenting to such dual completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
- X d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

El Paso Natural Gas Company - El Paso, Texas

Kimbark Exploration Company - 201 University Building, Denver, Colorado



6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO _____ If answer is yes, give date of such notification February 6, 1969.

CERTIFICATE: I, the undersigned, state that I am the Petroleum Engineer of the Aztec Oil & Gas Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

L. M. Stevens Signature

- * Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.
- NOTE: If the proposed dual completion will result in an unorthodox well location and/or a non-standard perforation unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

Aztec 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	Aztec 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	Aztec 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	Aztec 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	Aztec 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	Aztec 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51
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C H L U M B E R G E R

WELL: GRENIER #1

LOCATION: STATE
WELL: GRENIER #1
COMPANY: AZTEC OIL AND GAS CO.

COMPANY: AZTEC OIL AND
GAS COMPANY
WELL: GRENIER #1
FIELD: *Blanco*
LOCATION: SEC. 6-31N-11W
COUNTY: SAN JUAN
STATE: NEW MEXICO
FILING No.

Location of Well

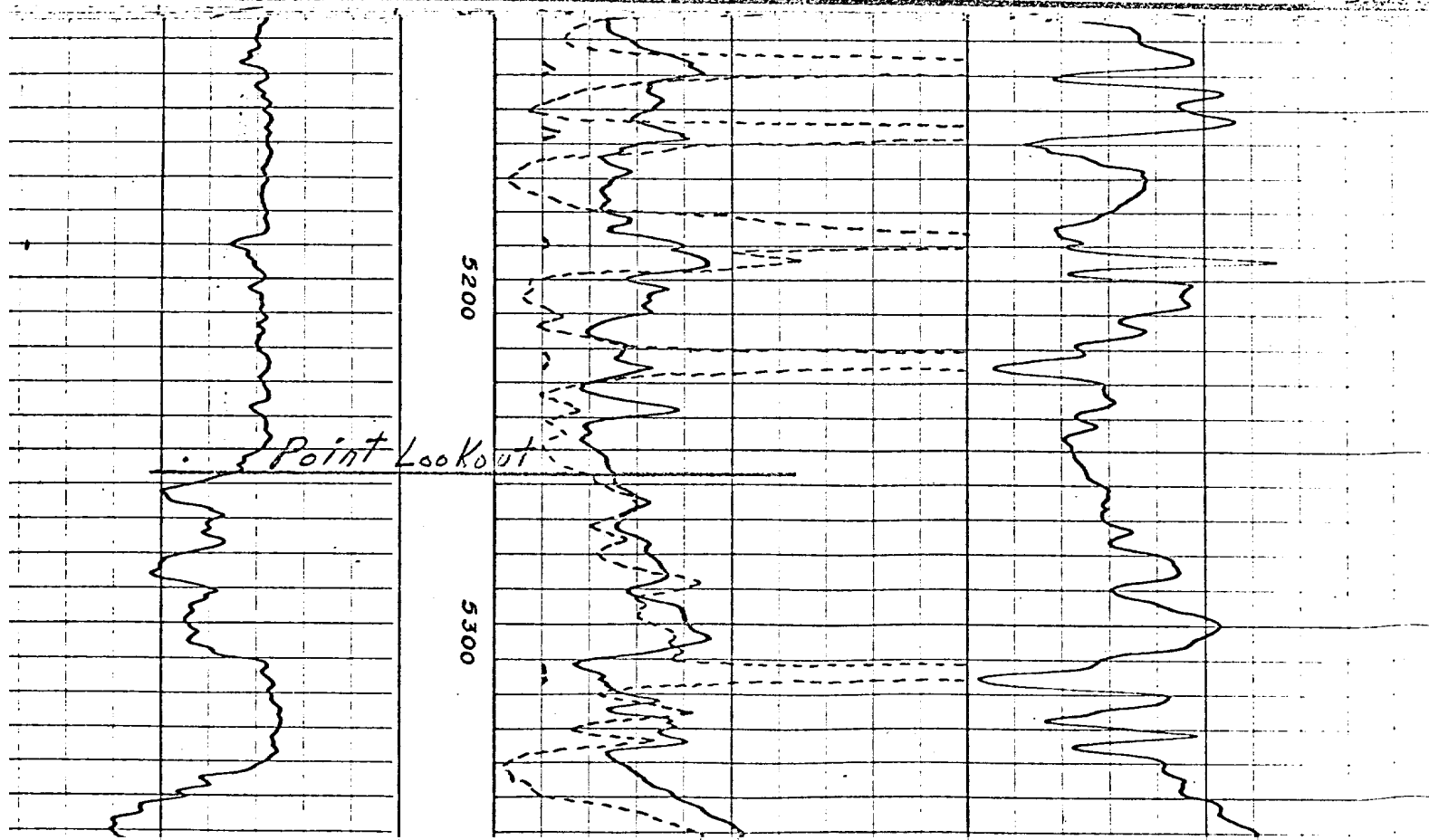
P361D

990' fr S/L
1650' fr E/L

Elevation: D.F.: 6549'

K.B.:
or G.L.:

1 NO.	ONE				
iding	10-17-50				
iding	5404				
iding	106				
Measured	5838				
e Schlum	166				
e Driller	170				
th Reached	5404				
Driller	5405				
otum	RDB				
ture	MAGGOGGET				
stity	9.2				
osity	50				
istivity	2.5 @ 55°F	@	@	@	@
istivity BHT	1.3 @ 140°F	@	@	@	@
ter Loss	8.5 @ °F	@	@	@	@
t Temp. °F	1.1 CC/30 Min	CC/30 Min	CC/30 Min	CC/30 Min	CC/30 Min
-AM	16"				
A M1	64"				
AO	18.18"				
Time M1C	3Hrs				



WELL SURVEILLING CORPORATION

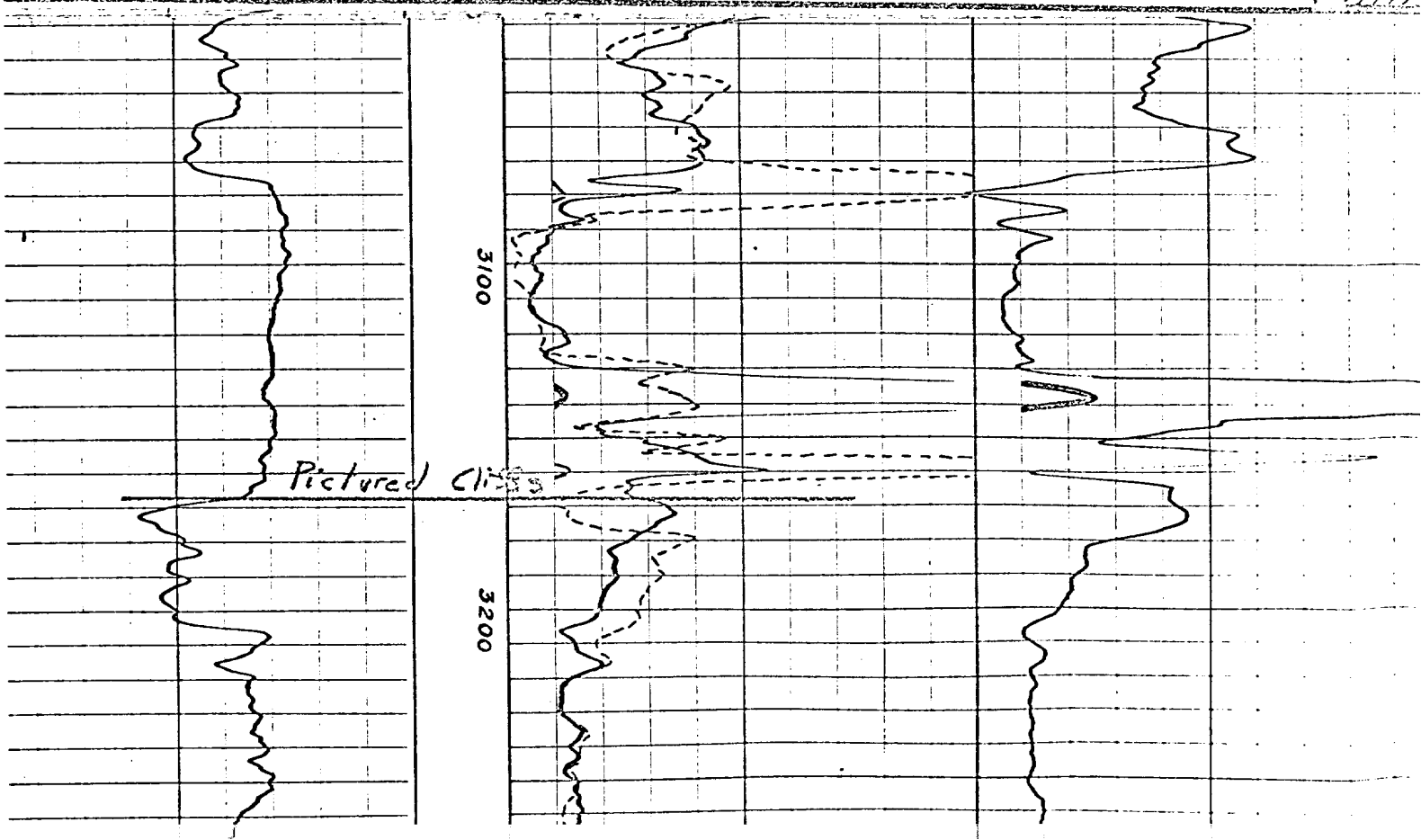
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LOCATION: GLADE
WELL: GRENIER #1
COMPANY: AZTEC OIL AND GAS CO.

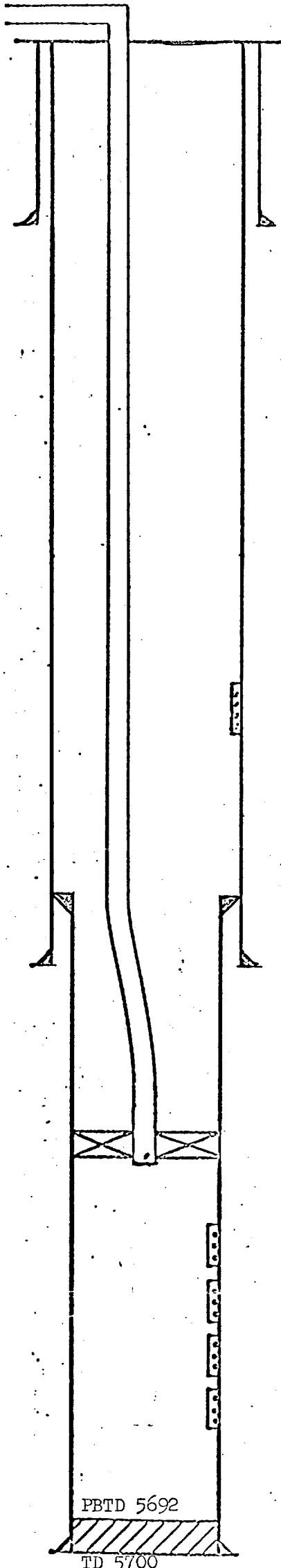
COMPANY: AZTEC OIL AND
GAS COMPANY
WELL: GRENIER #1
FIELD: ~~GLADE~~ Blanco
LOCATION: SEC. 6-31N-11W
COUNTY: SAN JUAN
STATE: NEW MEXICO
FILING No.

Location of Well
P3611D
990' fr S/L
1650' fr E/L
Elevation: D.F. 6549'
K.B.
or G.L.

IN NO.	ONE				
Logging	10-27-50				
Logging	5404				
Logging	105				
Measured	5258				
Se Schlum	166				
Se Driller	170				
Depth Reached	5404				
Driller	5405				
Bottom	RDB				
ature	MAGGOGGEI				
ensity	9.2				
cosity	50				
sistivity	2.5 @ 55 °F	@	@	@	@
sistivity BHT	1.3 @ 140 °F	@	@	@	@
ater Loss	8.3 @ °F	@	@	@	@
m Temp. °F	11 CC/30 Min	CC/30 Min	CC/30 Min	CC/30 Min	CC/30 Min
	140				
	9"				
	16"				
5 - AM	64"				
A M'	18'8"				
AO					
3 Time M/c	SHRS.				



Schematic Diagram Showing
Dual Completion
Aztec Pictured Cliffs-Blanco Mesaverde
Aztec Oil & Gas Company
Grenier #1
SW SE Section 6-31N-11W
San Juan County, New Mexico



Casing - 10-3/4" set @ 178' cemented
with 75 sacks. Cement circulated.

Pictured Cliffs Perforations:

3168-3200

Squeezed 250 sacks through 2 squeeze
holes at 3250. Top cement at 2990

Top of 3-1/2" liner 5033. Squeezed
with 100 sacks.

Casing 5-1/2" set at 5411 cemented
with 225 sacks. Top cement at 4290'

Sliding sleeve 1-1/2" at 5355

Tubing 1-1/2" set at 5385

Baker Model D packer at 5385

Mesaverde Perforations:

5410-38
5442-62
5466-76
5486-5506
5512-24

Liner 3-1/2" set at 5700' cemented
with 65 sacks. Top cement 5125 before squeeze.