

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

DATE 11-7-68

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 11-1-68  
for the Aztec Oil & Gas Co Hampton #4 ~~F~~ 13-30N-11W  
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Agree / Note Subject To Approval Of New Standard  
Location For Placer Zone

Yours very truly,

*Emily Cleary*  
OIL CONSERVATION COMMISSION

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

PRENTICE WATTS  
VICE PRESIDENT  
PRODUCTION

November 1, 1968

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  
Hampton #4  
NW NW Section 13-30N-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 Hampton #4 well in the Blanco Mesaverde and Basin Dakota 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 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



## APPLICATION FOR MULTIPLE COMPLETION

|                                               |               |                        |                     |
|-----------------------------------------------|---------------|------------------------|---------------------|
| Operator <u>Aztec Oil &amp; Gas Company</u>   |               | County <u>San Juan</u> | Date <u>11-1-68</u> |
| Address <u>2000 First National Bank Bldg.</u> |               | Lease <u>Hampton</u>   | Well No. <u>4</u>   |
| <u>Dallas, Texas 75202</u>                    |               |                        |                     |
| Location of Well                              | Unit <u>D</u> | Section <u>13</u>      | Township <u>30N</u> |
|                                               |               |                        | Range <u>11W</u>    |

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple 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              | Intermediate Zone | Lower Zone          |
| a. Name of Pool and Formation                        | <u>Blanco Mesaverde</u> |                   | <u>Basin Dakota</u> |
| b. Top and Bottom of Pay Section (Perforations)      | <u>4770-4825</u>        |                   | <u>6864-7085</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 Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and 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 multiple 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.

Beta Development Company, Petroleum Club Plaza Bldg., Farmington, New Mexico

El Paso Natural Gas Company, P. O. Box 990, Farmington, New Mexico

Pan American Petroleum Corporation, Petroleum Center Bldg, Farmington, New Mexico

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 November 1, 1968

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 multiple completion will result in an unorthodox well location and/or a non-standard production 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 OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

PRENTICE WATTS  
VICE PRESIDENT  
PRODUCTION

November 1, 1968

This letter mailed to each offset operator.

RE: Application for Dual Completion  
Aztec Oil & Gas Company  
Hampton #4  
NW NW Section 13-30N-11W  
San Juan County, New Mexico

Gentlemen:

Please find enclosed Aztec Oil & Gas Company's Application for Administrative Approval to dually complete our Hampton #4 well in the Blanco Mesaverde and Basin Dakota 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

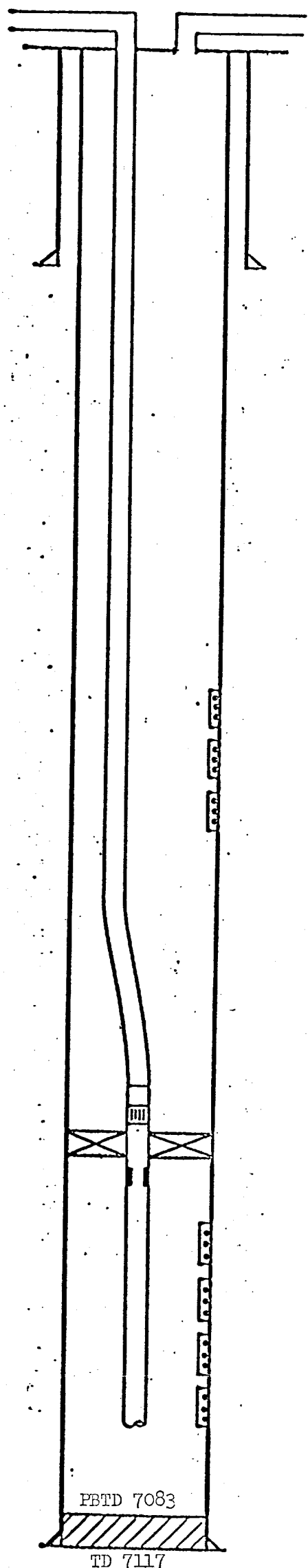
Encls.

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



Schematic Diagram Showing  
Dual Completion

Blanco Mesaverde-Basin Dakota  
Aztec Oil & Gas Company  
Hampton #4  
NW NW Section 13-30N-11W  
San Juan County, New Mexico



Casing 8-5/8" set @ 324' with 200 sxs.  
Cement circulated

Cemented through DV tool @ 2550' with 100 sxs  
Top cement @ 2115'

PROPOSED:

Mesaverde Perforations

4770-95

4805-25

PROPOSED:

Set sliding sleeve @ 6844  
Set Baker Model D packer @ 6849  
Land 2" tubing @ 6849

Dakota Perforations:

6864-78

6945-76

7002-19

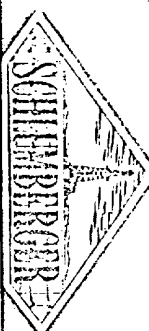
7040-44

7080-85

Casing 5-1/2" set at 7117' with 300 sxs.  
Top cement @ 6440

# SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS



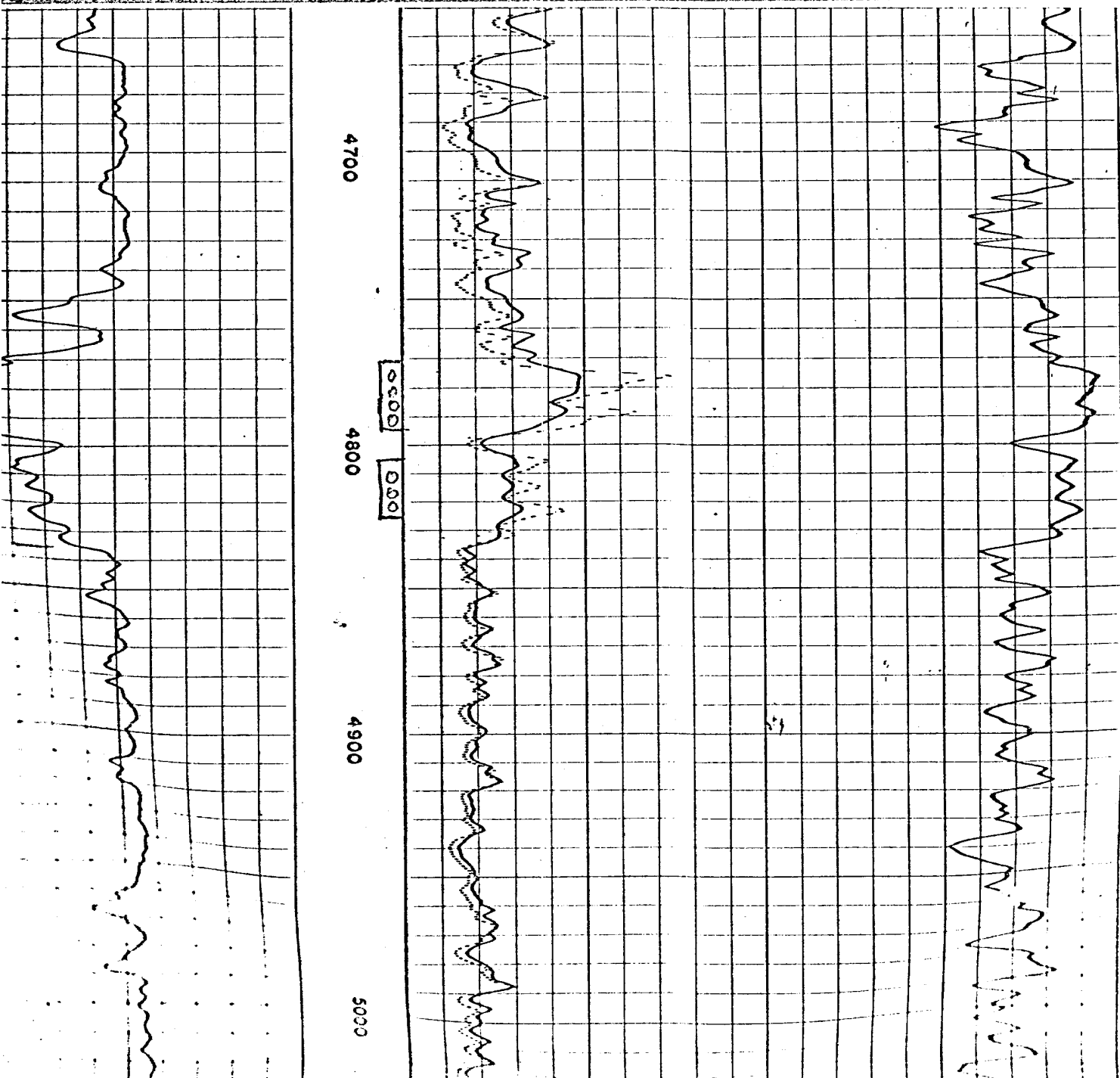
*Intelligence - Electrical - Log*

FIELD or LOCATION WILDCAT  
WELL HAMPTON NO. 4-D  
COMPANY AZTEC OIL & GAS COMPANY

COMPANY AZTEC OIL & GAS COMPANY  
WELL HAMPTON NO. 4-D  
FIELD WILDCAT  
LOCATION SEC. 13-30N-11W  
COUNTY SAN JUAN  
STATE NEW MEXICO

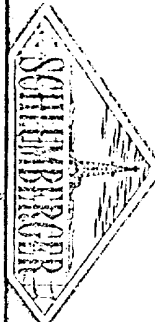
Other Surveys  
SGR  
Location of Well  
970' FR N/L  
1140' FR W/L  
SEC. 13-30N-11W  
**FILE**  
Elevation: D.F.: 5977'  
K.B.: 5978.5'  
or G.L.: 5967'  
FILING No. \_\_\_\_\_

| RUN No.        | ONE                     |           |    |           |    |
|----------------|-------------------------|-----------|----|-----------|----|
| Date           | 6-19-60                 |           |    |           |    |
| First Reading  | 7111                    |           |    |           |    |
| Cost Reading   | 324                     |           |    |           |    |
| Cost Measured  | 6787                    |           |    |           |    |
| Log Schlum.    | 324                     |           |    |           |    |
| Log Driller    | 324                     |           |    |           |    |
| Depth Reached  | 7117                    |           |    |           |    |
| Bottom Driller | 7117                    |           |    |           |    |
| Depth Datum    | KB                      |           |    |           |    |
| Fluid Nat.     | CHEM GEL                |           |    |           |    |
| Dens. Visc.    | 9.2 @ 90                |           |    |           |    |
| Fluid Resist.  | 2.0 @ 83°F              | @         | °F | @         | °F |
| Res. BHT       | 1.0 @ 162°F             | @         | °F | @         | °F |
| Rmf            | .78 @ 162°F             | @         | °F | @         | °F |
| Rmc            | 1.0 @ 162°F             | @         | °F | @         | °F |
| "              | 8.5 @ °F                | @         | °F | @         | °F |
| "              | PH                      | @         | °F | @         | °F |
| "              | Wtr. Loss 6.8 CC30 min. | CC30 min. |    | CC30 min. |    |
| Bit Size       | 7-7/8"                  |           |    |           |    |
| Speds.—AM      | 16"                     |           |    |           |    |
| AM             | 27.2"                   |           |    |           |    |
| IND.           | 5FF40                   |           |    |           |    |



SCHUMBERG WELL SURVEYING CORPORATION

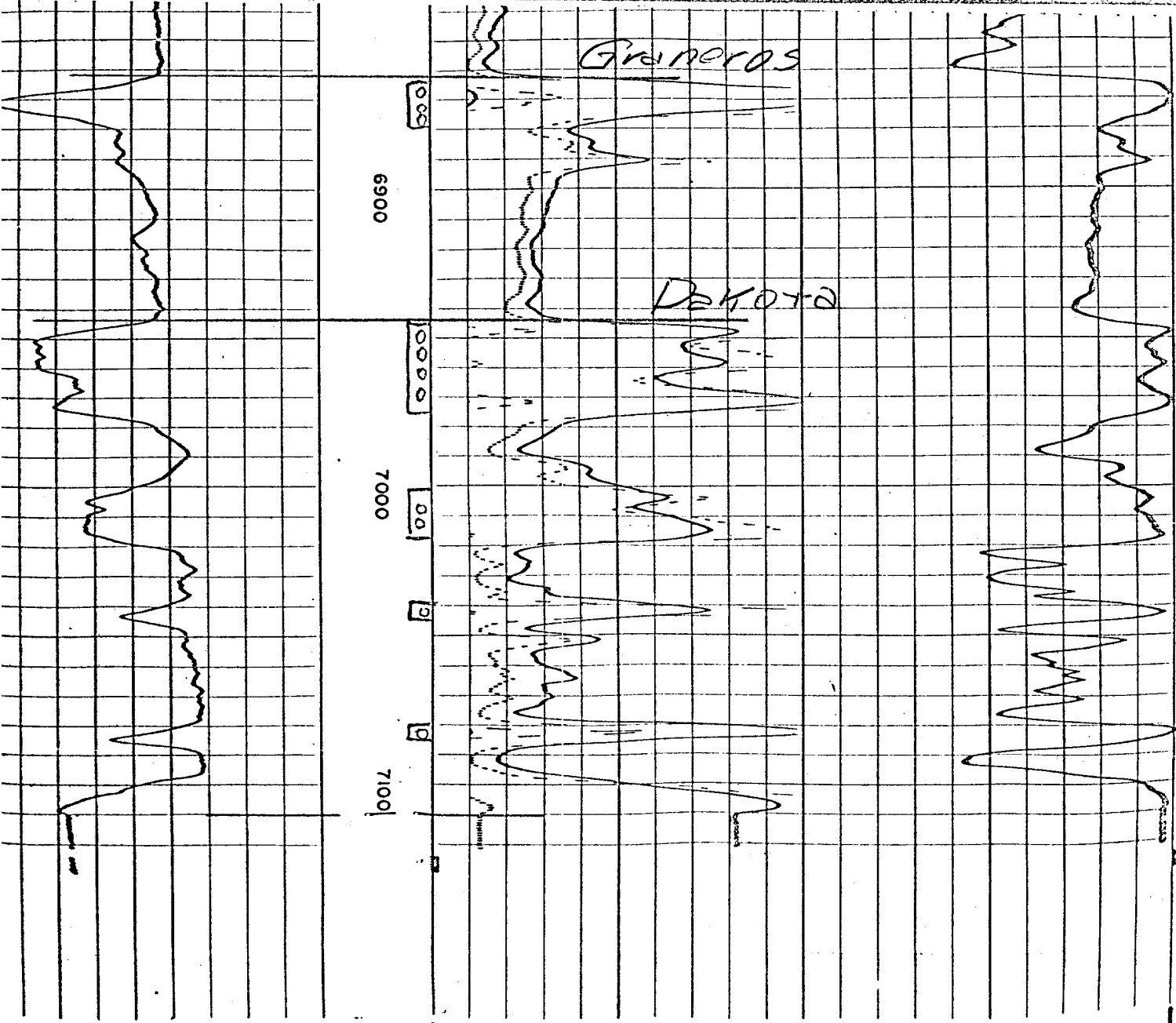
HOUSTON, TEXAS



*San Antonio - Commercial - Log*

|                                                           |                                                |
|-----------------------------------------------------------|------------------------------------------------|
| FIELD or LOCATION                                         | WILDCAT                                        |
| WELL                                                      | HAMPTON NO. 4-D                                |
| COMPANY                                                   | AZTEC OIL & GAS COMPANY                        |
| Other Surveys                                             |                                                |
| SGR                                                       |                                                |
| Location of Well                                          | 970' FR N/L<br>1140' FR W/L<br>SEC. 13-30N-11W |
| <b>FILE</b>                                               |                                                |
| Elevation: D.F.: 5977'<br>K.B.: 5978.5'<br>or G.L.: 5967' |                                                |
| FILING No.                                                |                                                |
| COMPANY                                                   | AZTEC OIL & GAS COMPANY                        |
| WELL                                                      | HAMPTON NO. 4-D                                |
| FIELD                                                     | WILDCAT                                        |
| LOCATION                                                  | SEC. 13-30N-11W                                |
| COUNTY                                                    | SAN JUAN                                       |
| STATE                                                     | NEW MEXICO                                     |

|               |         |
|---------------|---------|
| RUN No.       | ONE     |
| Date          | 6-19-60 |
| 1st Reading   | 7111    |
| 2nd Reading   | 324     |
| 3rd Reading   | 6787    |
| 4th Reading   | 324     |
| 5th Reading   | 324     |
| 6th Reading   | 324     |
| 7th Reading   | 324     |
| 8th Reading   | 324     |
| 9th Reading   | 324     |
| 10th Reading  | 324     |
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| 68th Reading  | 324     |
| 69th Reading  | 324     |
| 70th Reading  | 324     |
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| 89th Reading  | 324     |
| 90th Reading  | 324     |
| 91st Reading  | 324     |
| 92nd Reading  | 324     |
| 93rd Reading  | 324     |
| 94th Reading  | 324     |
| 95th Reading  | 324     |
| 96th Reading  | 324     |
| 97th Reading  | 324     |
| 98th Reading  | 324     |
| 99th Reading  | 324     |
| 100th Reading | 324     |



DETAIL LOG

5" = 100'