

OIL CONSERVATION COMMISSION
~~Aztec~~ DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 6-2-69

Re: Proposed NSP _____

Proposed NWU _____

Proposed NSL _____

Proposed NFO _____

Proposed MC XXX

Gentlemen:

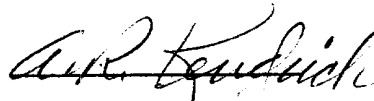
I have examined the application dated 5-29-69

for the Aztec Oil & Gas Co. Hubbard #4 M-15-32N-12W
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approve

Yours very truly,


A. R. Kendrick

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator <u>Aztec Oil & Gas Company</u>		County <u>San Juan</u>		Date <u>May 29, 1969</u>
Address <u>2000 First National Bank Building</u> <u>Dallas, Texas</u>		Lease <u>Hubbard</u>		Well No. <u>4</u>
Location of Well <u>M</u>	Unit <u>15</u>	Section <u>32N</u>	Township <u>12W</u>	Range <u>12W</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 X NO
2. If answer is yes, identify one such instance: Order No. MC-1734; Operator, Lease, and Well No.: Aztec Oil & Gas Co. Hubbard #3, Unit A, Sec. 15-32N-12W

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>4826-4914</u>		<u>7108-7232</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.

El Paso Natural Gas Company, P. O. Box 1492, El Paso, Texas

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

Southern Union Gas Company, Fidelity Union Tower, Dallas, Texas

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 May 29, 1969

CERTIFICATE: I, the undersigned, state that I am the District Superintendent 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 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 OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

PRENTICE WATTS
VICE PRESIDENT
PRODUCTION

May 29, 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
Hubbard #4
SW SW Section 15-32N-12W
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 Hubbard #4 well in the Blanco Mesaverde and Basin Dakota gas pools. A plat of the lease and a 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,

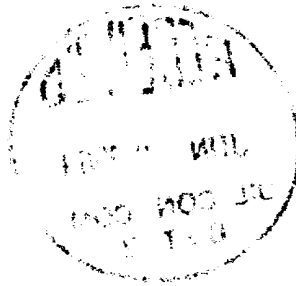
A handwritten signature in cursive script, appearing to read "L. M. Stevens".

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

May 29, 1969

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

Attention: Mr. A. L. Porter, Jr.

RE: Application for Dual Completion
Aztec Oil & Gas Company
Hubbard #4
SW SW Section 15-32N-12W
San Juan County, New Mexico

Gentlemen:

The undersigned being an authorized representative of the offset operator has been duly informed by Aztec Oil & Gas Company of their intention to dually complete the Hubbard #4 well in the Blanco Mesaverde and Basin Dakota formations as a gas producer located in Unit M, Section 15-32N-12W, San Juan County, New Mexico, and hereby waives all objections to dual completing said well as a Mesaverde-Dakota gas producer.

NAME OF COMPANY

REPRESENTATIVE OF COMPANY

cc: Aztec Oil & Gas Company
2000 First National Bank Building
Dallas, Texas
Attention: Mr. L. M. Stevens

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

PRENTICE WATTS
VICE PRESIDENT
PRODUCTION

May 29, 1969

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

RE: Application for Dual Completion
Aztec Oil & Gas Company
Hubbard #4
SW SW Section 15-32N-12W
San Juan County, New Mexico

Gentlemen:

Please find enclosed Aztec Oil & Gas Company's Application for Administrative Approval to dually complete our Hubbard #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.

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

PRENTICE WATTS
VICE PRESIDENT
PRODUCTION

May 29, 1969

Pan American Petroleum Corporation
Petroleum Center Building
Farmington, New Mexico

RE: Application for Dual Completion
Aztec Oil & Gas Company
Hubbard #4
SW SW Section 15-32N-12W
San Juan County, New Mexico

Gentlemen:

Please find enclosed Aztec Oil & Gas Company's Application for Administrative Approval to dually complete our Hubbard #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.

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

PRENTICE WATTS
VICE PRESIDENT
PRODUCTION

May 29, 1969

Southern Union Gas Company
Fidelity Union Tower
Dallas, Texas

RE: Application for Dual Completion
Aztec Oil & Gas Company
Hubbard #4
SW SW Section 15-32N-12W
San Juan County, New Mexico

Gentlemen:

Please find enclosed Aztec Oil & Gas Company's Application for Administrative Approval to dually complete our Hubbard #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,



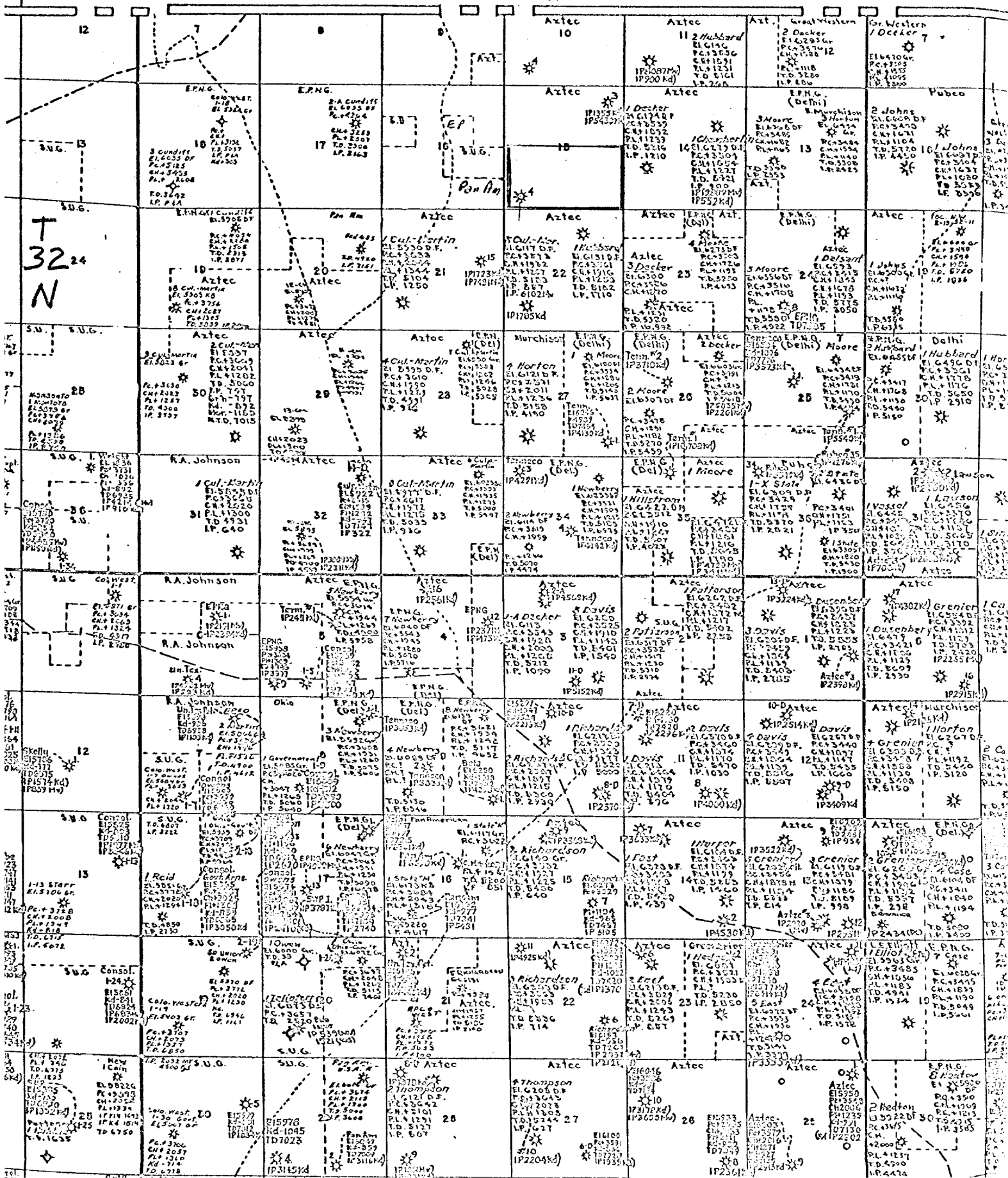
L. M. Stevens

LMS:bjr

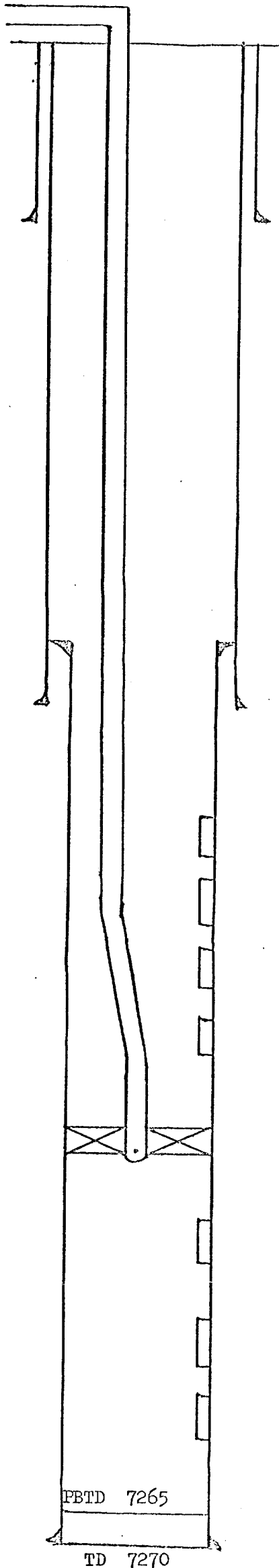
Encls.

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

R 12 W



Aztec Oil & Gas Company
 Diagrammatic Sketch Showing
 Dual Completion
 Hubbard #4
 Unit M, Section 15-32N-12W
 San Juan County, New Mexico



Casing: 10-3/4" set @ 325' w/220 sxs.
 Cement circulated.

Top 4-1/2" Liner @ 4656'

Casing: 7-5/8" set @ 4752' w/750 sxs.
 Top Cement 440

Mesaverde Perforations:

4826-42
 4866-80
 4886-4904
 4906-14

Baker Model D packer set @ 7090

Tubing: 1-1/2" landed in packer w/5000#
 Model F nipple @ 7090'

Dakota Perforations:

7108-20
 7186-7206
 7224-32

Liner: 4-1/2" set @ 7270 w/260 sxs.
 Cement circulated to top liner
 @ 4656'

SCHUMBERGER

INDUCTION-ELECTRICAL LOG
INDUCTION-GAMMA RAY LOG

FIELD or LOCATION MESA VERDE-DAKOTA
WELL HUBBARD #4

COMPANY AZTEC OIL & GAS

COMPANY AZTEC OIL & GAS COMPANY

WELL HUBBARD #4

FIELD MESA VERDE - DAKOTA

COUNTY SAN JUAN STATE NEW MEXICO

LOCATION 990' FSL 1020' FWL

Other Services:

NONE

Sec. 15 Twp. 32N Rge. 12W

Permanent Datum: GL Elev. 6067
Measured From KB 13 Ft. Above Perm. Datum Elev.: K.B. 6080
D.F. 6079
G.L. 6067

4-22-69 4-29-69

ONE TWO

4800 7260
4803 7272
4802 7266

325 4650
10 3/4 @ 325 7 5/8 @ 4751

325 4756

9 1/2 GAS DRILLED

9.0 80

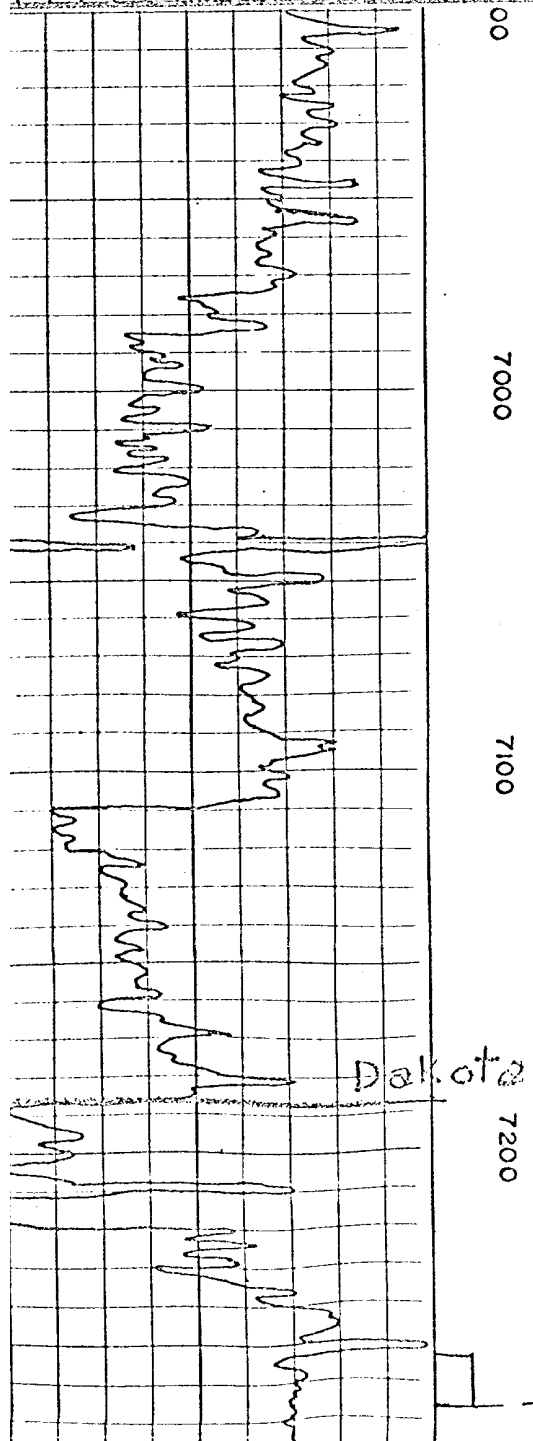
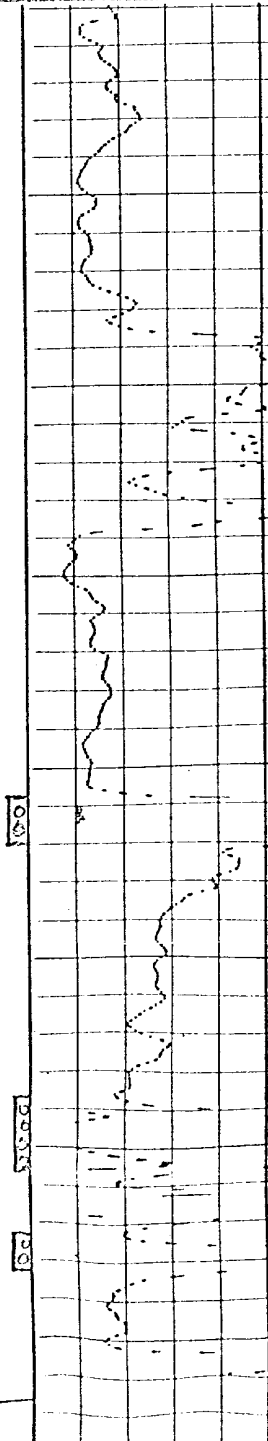
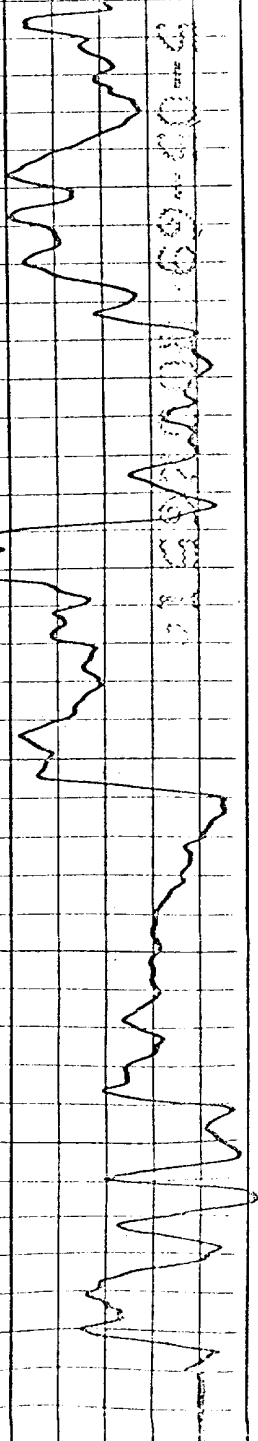
9.0 10.4 ml

2.70 @ 87 °F @ 135 °F

2.64 @ 87 °F @ 135 °F

1.6 @ 87 °F @ 135 °F

1.74 @ 135 °F @ 200 °F



SCHUMBERGER

INDUCTION-ELECTRICAL LOG
INDUCTION-GAMMA RAY LOG

FIELD or LOCATION MESA VERDE-DAKOTA/
WELL HUBBARD #4

COMPANY AZTEC OIL & GAS

COMPANY AZTEC OIL & GAS COMPANY

WELL HUBBARD #4

FIELD MESA VERDE - DAKOTA

COUNTY SAN JUAN STATE NEW MEXICO

LOCATION 990' FSL 1020' FWL

Other Services:

NONE

Sec. 15 Twp. 32N Rge. 12W

Manent Datum: GL Elev. 6067
Measured From KB 13 Ft. Above Perm. Datum Elev.: K.B. 6080
D.F. 6079
G.L. 6067

4-22-69	ONE	4-29-69	TWO
Driller	4800	7260	
Logger	4803	7272	
Log Interval	4802	7266	
Log Interval	325	4650	
Driller	10 3/4 @ 325	@ 7 5/8 @ 4751	@
Logger	325	4756	
Log Interval	9 1/2	6 3/4	
Driller	FGM	GAS DRILLED	
Logger			
Log Interval	9.0	80	
Driller	9.0	10.4ml	ml
Logger			
Log Interval	2.70 @ 87 °F	@ 2.70 @ 87 °F	@ 2.70 @ 87 °F
Driller	2.64 @ 87 °F	1.70 @ 135 °F	@ 2.64 @ 87 °F
Logger	1.6 @ 87 °F	@ 1.6 @ 87 °F	@ 1.6 @ 87 °F
Log Interval	M	C	
Driller	1.74 @ 135 °F	@ 1.74 @ 135 °F	@ 1.74 @ 135 °F
Logger	2 HOURS		

