

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

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

DATE 10-22-68

RE: Proposed NSP _____

Proposed NSL _____

Proposed NFO _____

Proposed DC ✓

Gentlemen:

I have examined the application dated 10-17-68
for the Artec Oil & Gas Co East #8 P-26-31N-12W
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approve

Yours very truly,

Emery Cleveland
OIL CONSERVATION COMMISSION

PRENTICE WATTS
VICE PRESIDENT
PRODUCTION

AZTEC OIL & GAS COMPANY
2000 FIRST NATIONAL BANK BUILDING
DALLAS, TEXAS 75202

October 17, 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
East #8
SE SE Section 26-31N-12W
San Juan County, New Mexico

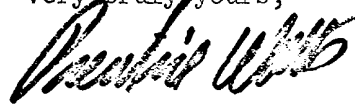
Gentlemen:

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 East #8 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,


Prentice Watts

PW:bjr

Attachments

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

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Operator <u>Aztec Oil & Gas Company</u>		County <u>San Juan</u>		Date <u>October 17, 1968</u>
Address <u>2000 First National Bank Bldg.</u> <u>Dallas, Texas</u>		Lease <u>East</u>		Well No. <u>8</u>
Location of Well	Unit <u>P</u>	Section <u>26</u>	Township <u>31N</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 1095 ; Operator Lease, and Well No.: Aztec Oil & Gas Co.
East #5

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>4650-4784</u>		<u>6870-6908</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 check YES or NO)

- | | | |
|-------------------------------------|--------------------------|---|
| Yes | No | |
| ☒ | ☐ | 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. |
| ☒ | ☐ | 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. |
| ☒ | ☐ | 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.* |
| ☒ | ☐ | 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, Post Office Box 1659, Midland, Texas

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

Tenneco Oil Company, Suite 1200 Lincoln Tower Bldg., Denver, Colorado

Aztec Oil & Gas Co. 2000 First National Bank Bldg., Dallas, Texas

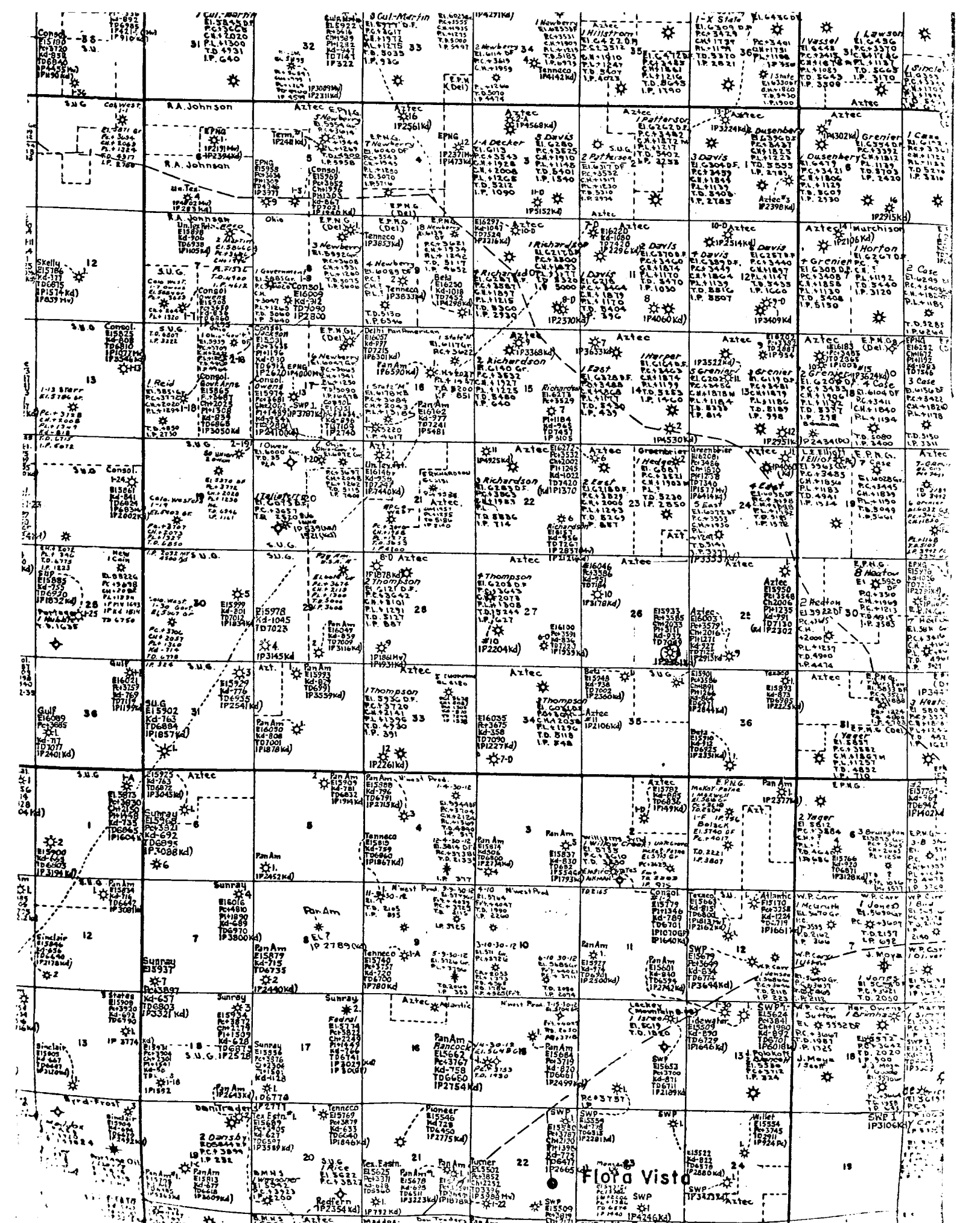
6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO . If answer is yes, give date of such notification October 17, 1968.

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 perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



Schematic Diagram Showing
Dual Completion
Blanco Mesaverde-Basin Dakota
Aztec Oil & Gas Company
East #8
SE SE Section 26-31N-12W
San Juan County, New Mexico

Casing - 8-5/8" set at 306' w/225 sacks
Cement circulated.

Proposed: Mesaverde Perforations

4650-4660

4680-4736

4762-4784

Cemented w/235 sacks through DV tool
at 5007. Top cement 2300'

Proposed: Sliding sleeve at 6798
2-3/8" tubing at 6800
Baker Model D packer at 6800

Dakota Perforations:

6870-6908

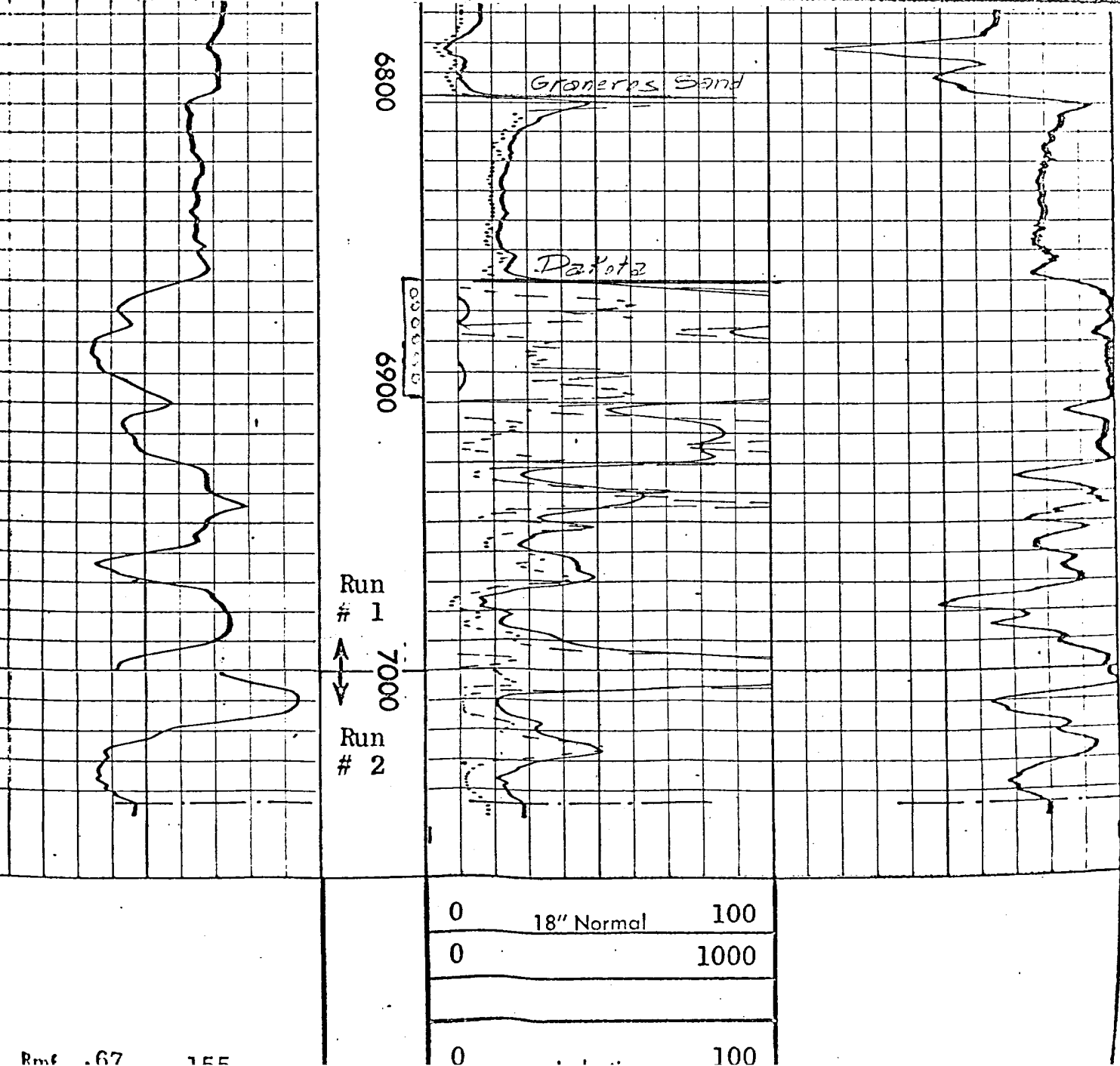
PBTD 7017

Casing - 4-1/2" set at 7049 w/250 sacks

WELLEX

INDUCTION-
ELECTRIC LOG

COMPANY <u>Aztec Oil & Gas</u>	
Company <u>East "E" # 8</u>	
WELL <u>East "E" # 8</u>	
FIELD <u>Basin-Dakota</u>	
County <u>San Juan State N.M.</u>	
COMPANY <u>AZTEC OIL & GAS COMPANY</u>	
WELL <u>EAST "E" # 8</u>	
FIELD <u>BASIN-DAKOTA</u>	
COUNTY <u>SAN JUAN</u> STATE <u>NEW MEXICO</u>	
Location <u>790' FSL 790' FEL</u>	Other Services Gamma Acoustic Frac-Finder
Sec. <u>26</u> Twp. <u>31-N</u> R. <u>18-W</u>	
Permanent Datum <u>10' Above G. L. Elev. 5937</u>	
Log Measured From <u>K. B. Kelly Bushing</u> 0 ft. Above Perm. Datum	
Drilling Measured From <u>Kelly Bushing</u>	
Logs	5-6-62 5-7-62
Run No.	- One - - Two -
Depth-Driller	7005 7049
Depth-Welox	7006 7050
Lim. Log Inter.	7001 7045
Co Log Inter.	300 7001
Location-Driller	8-5/8 @ 315 8-5/8 @ 315
Logging-Welox	300 -
Log Size	7-7/8" 7-7/8"
Type Fluid in Hole	Mud Mud
Dens. Visc.	Gel. Chemical Gel
pH Fluid Loss	8.9 174 8.9 174
Source of Sample	Circulated Circulated
Rm @ Meas. Temp.	2.8 @ 64°F 2.50 @ 76°F
Rm @ Meas. Temp.	1.6 @ 64°F 1.45 @ 76°F
Rm @ Meas. Temp.	2.2 @ 64°F 2.0 @ 76°F
Source Run Rate	Measured Measured
Rm @ DHT	1.5 @ 155°F 1.34 @ 155°F
Time Since Circ.	5 Hrs. 2 Hrs.
Max. Rec. Temp.	55°F @ BH 155°F @ BH
Depth Location	4000 Farmington 4000



WELLEX

INDUCTION-
ELECTRIC LOG

COMPANY AZTEC OIL & GAS COMPANY

WELL EAST "E" # 8

FIELD Basin-Dakota

COUNTY SAN JUAN STATE NEW MEXICO

Location 790' FSL 790' FEL

Sec. 26 Top 31-N 18-W

Other Services
Gamma
Acoustic
Frac-Finder

Measurement Datum 10' Above G. L. Elev. 5937

Log Measured From K. B. 0 ft. Above Perm. Datum

Drilling Measured From Kelly Busing

Run No.	5-6-62	5-7-62
Depth-Driller	- One -	- Two -
Depth-Yelox	7005	7049
Depth-Log Inter.	7006	7050
Depth-Log Inter.	7001	7045
Depth-Log Inter.	300	7001
Depth-Driller	8-5/8 @ 315	8-5/8 @ 315
Drilling-Yelox	300	-
Drilling	7-7/8"	7-7/8"
Drilling	Mud	Mud
Drilling	Gel. Chemical Gel	
Drilling	8.9 174	8.9 1
Drilling	17.6 ml	17.6 ml
Drilling	Circulated	Circulated
Drilling	2.8 @ 64°F	2.50 @ 76°F
Drilling	1.6 @ 64°F	1.45 @ 76°F
Drilling	2.2 @ 64°F	2.0 @ 76°F
Drilling	Measured	Measured
Drilling	1.5 @ 155°F	1.34 @ 55°F
Drilling	5 Hrs	2 Hrs
Drilling	55°F @ BH	155°F @ BH
Drilling	4000 Farmington	4000

