

OIL CONSERVATION COMMISSION
3 DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 5-3-71
Re: Proposed NSP _____
Proposed NWU _____
Proposed NSL _____
Proposed NFO _____
Proposed MC ✓

Gentlemen:

I have examined the application dated 4-29-71
for the Aztec Oil & Gas Co Richardson # 1 P-10-31N-12W
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

approve

Yours very truly,

Henry C. Clend

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

PRENTICE WATTS
VICE PRESIDENT
PRODUCTION

April 29, 1971

New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501

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

Re: Application for Dual Completion
Aztec Oil & Gas Company
Richardson #1
SE SE Section 10-31N-12W
San Juan County, New Mexico

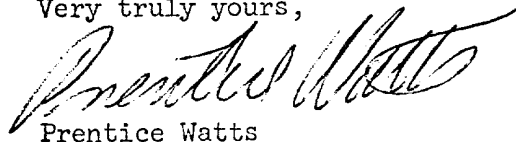
Gentlemen:

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 Richardson #1 well in the Blanco Mesaverde and Aztec Pictured Cliffs 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,


Prentice Watts

PW:bjr

Attachments

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



NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator AZTEC OIL & GAS COMPANY		County San Juan		Date April 29, 1971
Address 2000 First National Bank Building Dallas, Texas 75202		Lease Richardson		Well No. 1
Location of Well	Unit P	Section 10	Township 31N	Range 12W

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 ☒

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	Pictured Cliffs		Mesaverde
b. Top and Bottom of Pay Section (Perforations)	2740-2760'		5026-5176'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

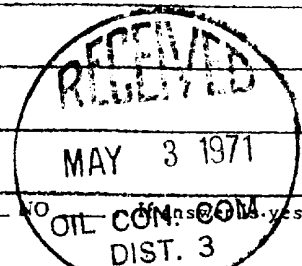
4. The following are attached. (Please mark YES or NO)

- Yes 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.
- Yes 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.
- Yes 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.*
- Yes 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 87401

El Paso Natural Gas Company, P. O. Box 990, Farmington, New Mexico 87401



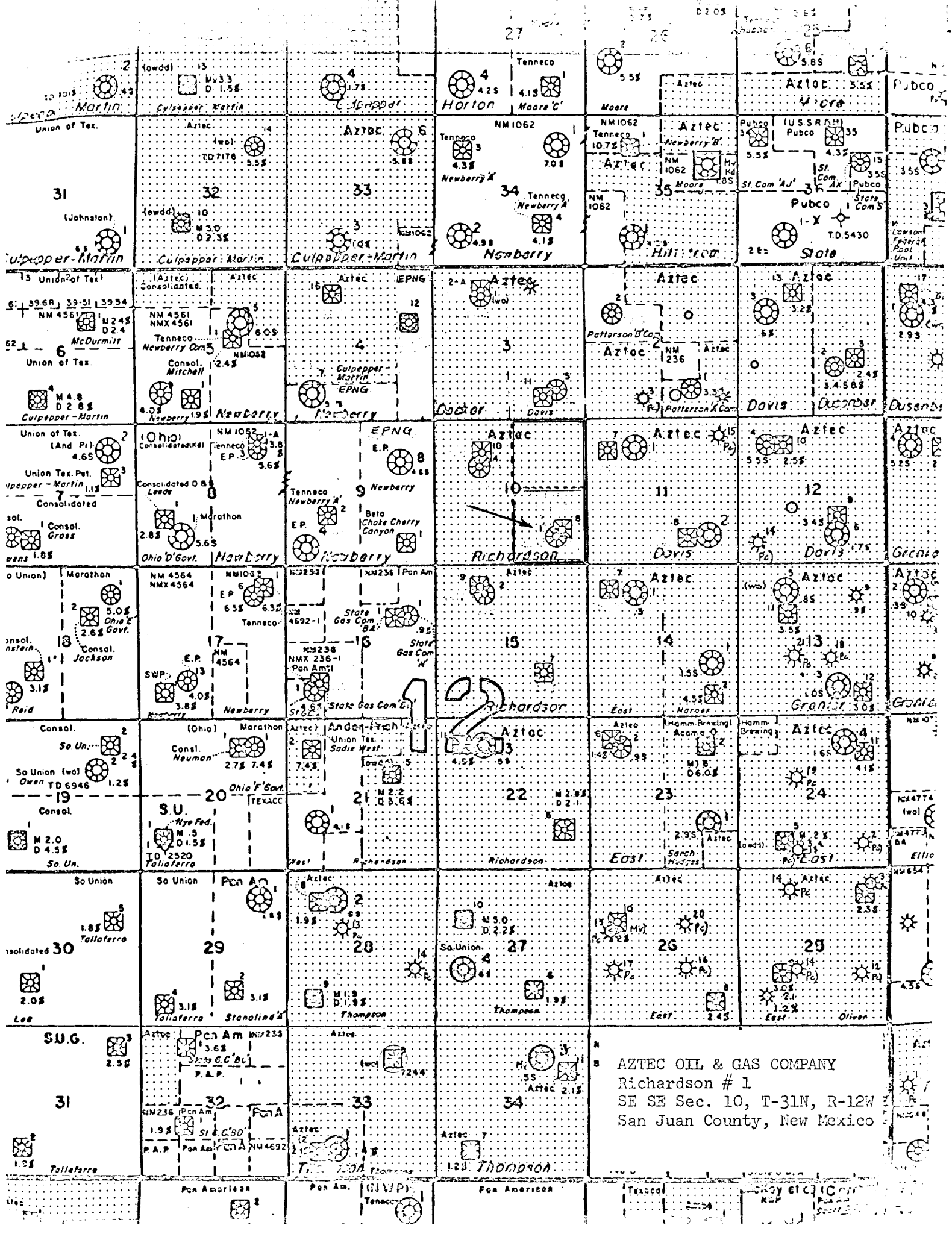
6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐ If NO, give date of such notification 4-29-71

CERTIFICATE: I, the undersigned, state that I am the staff 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 J Eaton
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
Richardson # 1
SE SE Sec. 10, T-31N, R-12W
San Juan County, New Mexico

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

PRENTICE WATTS
VICE PRESIDENT
PRODUCTION

April 29, 1971

El Paso Natural Gas Company
P. O. Box 990
Farmington, New Mexico 87401

Re: Application for Dual Completion
Aztec Oil & Gas Company
Richardson #1
SE SE Section 10-31N-12W
San Juan County, New Mexico

Gentlemen:

Please find enclosed Aztec Oil & Gas Company's Application for Administrative Approval to dually complete our Richardson #1 well in the Blanco Mesaverde and Aztec Pictured Cliffs 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,



Prentice Watts

PW:bjr

Encls.

cc: New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501
Attention: Mr. A. L. Porter, Jr.

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

PRENTICE WATTS
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April 29, 1971

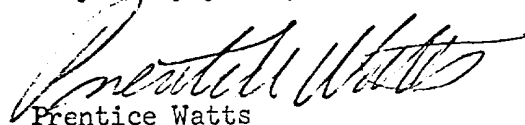
Beta Development Company
Petroleum Club Plaza Building
Farmington, New Mexico 87401

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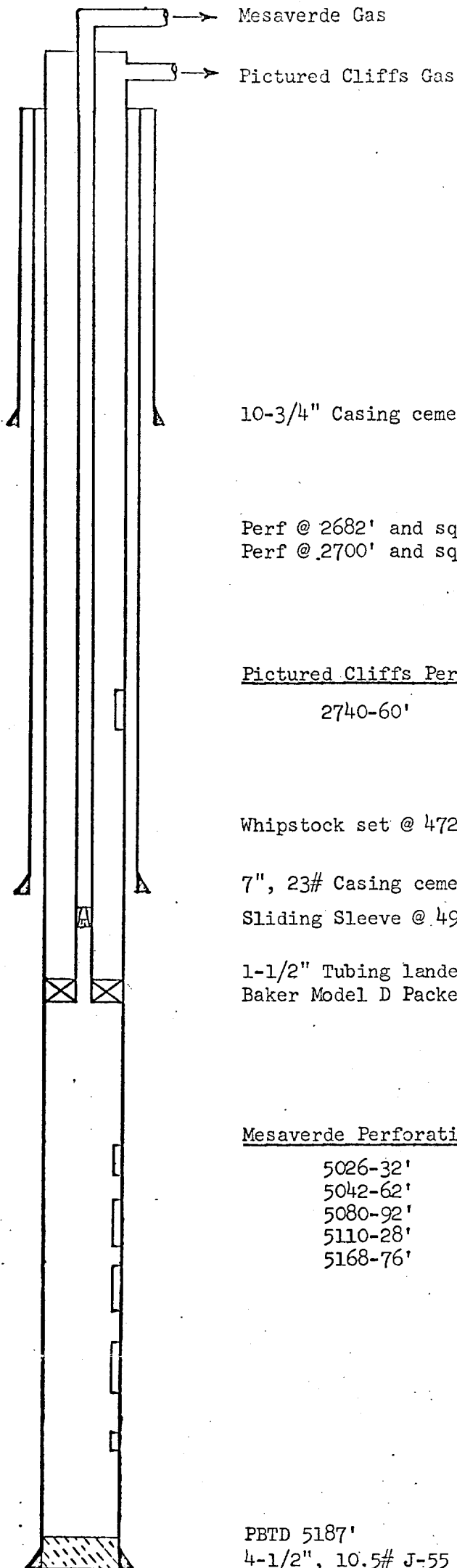
AZTEC OIL & GAS COMPANY

Richardson #1

Mesaverde & Pictured Cliffs Pools

SE SE Section 10, T-31N, R-12W

San Juan County, New Mexico



10-3/4" Casing cement @ 130' w/75 sxs.

Perf @ 2682' and squeezed w/150 sxs.

Perf @ 2700' and squeezed w/150 sxs.

Pictured Cliffs Perforations:

2740-60'

Whipstock set @ 4729

7", 23# Casing cemented @ 4945' w/225 sxs.

Sliding Sleeve @ 4975'

1-1/2" Tubing landed in
Baker Model D Packer @ 5007'

Mesaverde Perforations:

5026-32'

5042-62'

5080-92'

5110-28'

5168-76'

PBTD 5187'

4-1/2", 10.5# J-55 Casing cemented @ 5235' w/400 sxs.

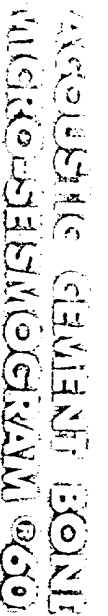
New TD 5235'

Original Completion:

TD 5285' w/7" Csg. set @ 4945'

Squeezed 4747' to 5285' w/300 sxs.

Redrilled Mesaverde section



Elev.: K.B. _____
D.F. B211
G.L. 0200

The image displays two hand-drawn stratigraphic columns on graph paper, representing geological profiles. The columns are oriented vertically, with depth markers on the left side.

Left Column:

- Labels:** "Mesaverde" and "Point Locket" are written in the upper left corner of the column.
- Depth Markers:** 4900, 5000, and 5100 are marked on the left side of the column.
- Stratigraphy:** The column shows a sequence of rock layers. The top layer is labeled "Mesaverde" and is characterized by a dense, stippled texture. Below this is a layer labeled "Point Locket", which is depicted with a more irregular, blocky texture. The bottom section of the column shows a series of thin, horizontal layers.

Right Column:

- Depth Markers:** 4900, 5000, and 5100 are marked on the left side of the column.
- Stratigraphy:** The column shows a sequence of rock layers. The top layer is labeled "Mesaverde" and is characterized by a dense, stippled texture. Below this is a layer labeled "Point Locket", which is depicted with a more irregular, blocky texture. The bottom section of the column shows a series of thin, horizontal layers.

Location of Well

SESE 10-31N-10W

Elevation: D.F.: 6211
K.B.:
or G.L.:

COMPANY: SOUTHERN UNION

PRODUCTION CO.

WELL: RICHARDSON #1

FIELD: WILDCAT

LOCATION: SESE 10-31N-10W

COUNTY: SAN JUAN

STATE: NEW MEXICO

FILING No.

COUNTY: SAN JUAN

FIELD OR LOCATION: SESE 10-31N-10W

WELL: RICHARDSON #1

COMPANY: SOUTHERN UNION PROD.

RUN NO.	ONE	TWO	THREE		
Date.....	7/23/49	8/11/49	8/12/49		
First Reading.....	3125	4876	4933		
Last Reading.....	127	3125	4876		
Footage Measured.....	2099	1751	62		
Csg Shoe Schlum.....	127	127	NOT REC.		
Csg Shoe Driller.....	126	126	126		
Max. Depth Reached.....	3125	4876	4933		
Bottom Driller.....	3126	4833	4945		
Depth Datum.....	RDB	RDB	RDB		
Mud Nature.....	GEL - QUE	GEL - QUE - CA	GEL - QUE		
" Density.....	10	10.1	10.1		
" Viscosity.....	49	45	45		

