

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

DATE 9-24-69

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 9-24-69
for the Aztec Oil & Gas Co. Rattlesnake Canyon #1 N-32-S-2N-8W
Operator Lease and Well No. S-I-R

and my recommendations are as follows:

approved

Yours very truly,

OIL CONSERVATION COMMISSION

Ernest C. Anderson

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>September 23, 1969</u>
Address <u>2000 First National Bank Building</u>		Lease <u>Rattlesnake Canyon</u>	Well No. <u>1</u>
<u>Dallas, Texas</u>			
Location of Well	Unit <u>N</u>	Section <u>32</u>	Township <u>32N</u>
			Range <u>8W</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>Undesignated Fruitland</u>		<u>Blanco Mesaverde</u>
b. Top and Bottom of Pay Section (Perforations)	<u>3280-3300</u>		<u>5576-5988</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>

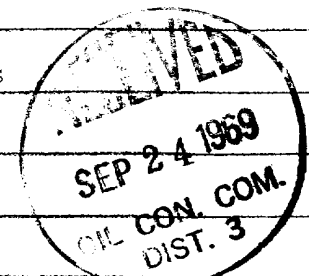
4. The following are attached. (Please mark YES or NO)

- 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.

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

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 September 23, 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

September 23, 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
Rattlesnake Canyon #1
SE SW Section 32-32N-8W
San Juan County, New Mexico

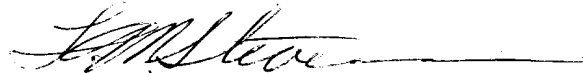
Gentlemen:

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 Rattlesnake Canyon #1 well in the Fruitland and 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

September 23, 1969

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

Southern Union Gas Company
Fidelity Union Tower
Dallas, Texas

Re: Application for Dual Completion
Aztec Oil & Gas Company
Rattlesnake Canyon #1
SE SW Section 32-32N-8W
San Juan County, New Mexico

Gentlemen:

Please find enclosed Aztec Oil & Gas Company's Application for Administrative Approval to dually complete our Rattlesnake Canyon #1 well in the Undesignated Fruitland 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 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.



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Diagrammatic Sketch Showing
Dual Completion
Aztec Oil & Gas Company's
Rattlesnake Canyon #1
Unit N, Section 32-32N-8W
San Juan County, New Mexico

Casing: 10-3/4" set at 326'. Cemented
with 300 sacks. Cement circulated.

Top 4-1/2" liner 3136'.

Tubing: 1-1/2" landed at 3150'

Fruitland Perforations:

3280-3300

Baker Model D packer set at 3531'

Tubing: 1-1/2" landed in packer - tube landed 3535'

Perforations: 3550-90, squeezed to 1400 psi
with 300 sacks

Casing: 7-5/8" set at 3788'. Cemented with
650 sacks. Top cement 720'

Mesaverde Perforations:

5576-83
5601-07
5622-32
5668-76
5710-22
5914-30
5950-54
5982-88

Cement retainer set at 8000'. Squeezed to
4000 psi with 50 sxs.

Liner: 4-1/2" set at 8298, cemented with
500 sxs. Cement circulated to top
liner at 3136'

PBTD 8000

TD 8349

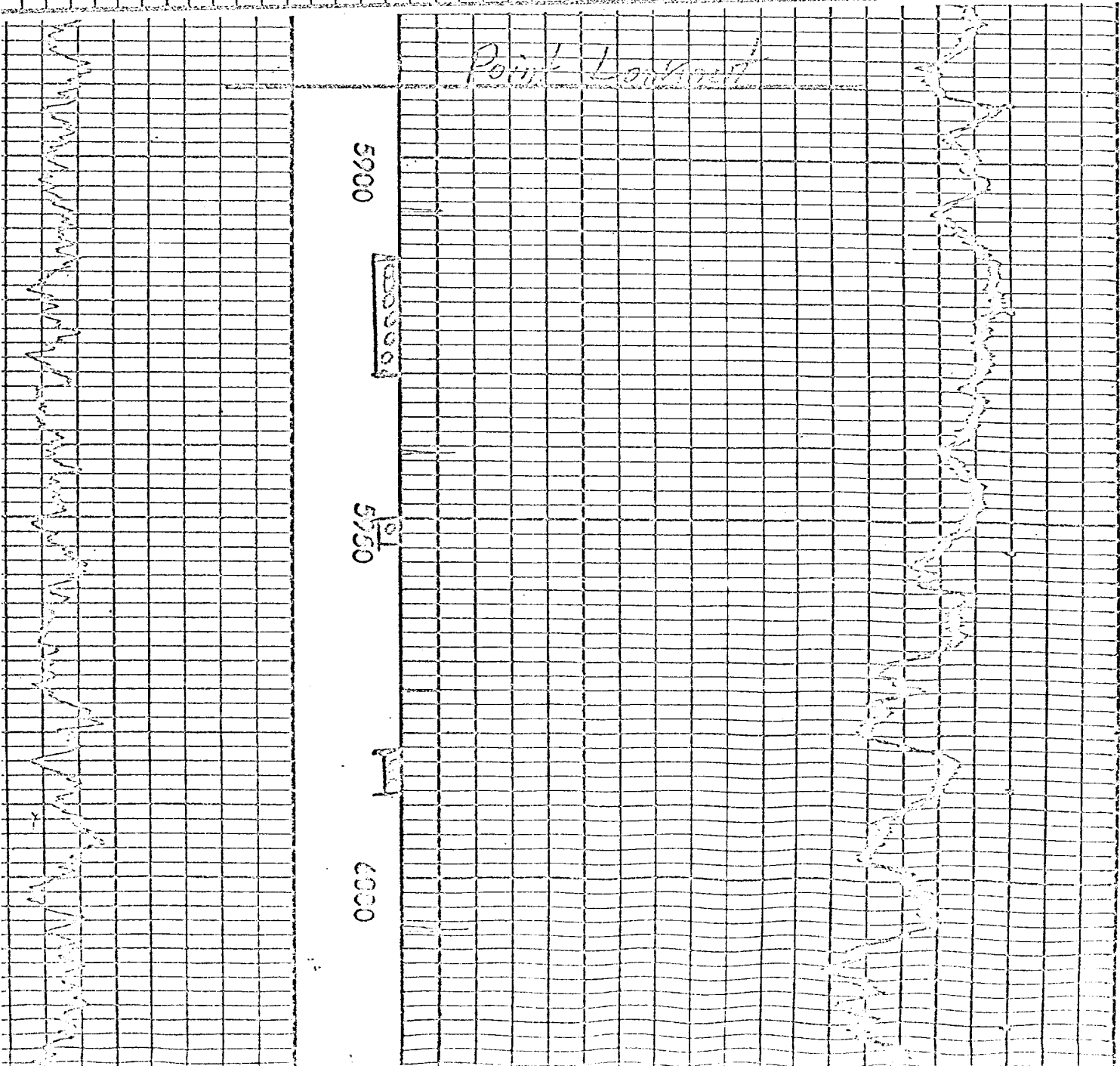
WILKINSON

WILKINSON

COMPANY ATHEC OIL & GAS CO.
WELL LITTLE SNAKE CANYON #1
FIELD TYNARCO
County SAN JUAN State NEW MEXICO
Location 820' E34 + 1680' Fault
Sec. 32 Twp 32 N Rge 80S
Other Services: CB4 - 1159 -
Elev. 6646
D.F. 6651
G.L. 6646

Date 7-9-69
Run No. 0415
Type Log Gamma-Ray
Depth-Driller 8249'
Depth-Well 8249'
Bottom Logged Interval 6500'
Top Logged Interval 3000'
Type Fluid in Hole ADP-150-
Salinity, PPM Cl. —
Density —
Level Full
Max. rec. temp. deg. F. —
Operating Rig Time 3 hours
Recorded By W.D. Brown
Witnessed by W.D. Brown

CORE-HOLE RECORD		CASING RECORD	
Run No.	Bit	From	To
		Size 7 7/8	Wgt. 10.50
		415	3156'
			3249'



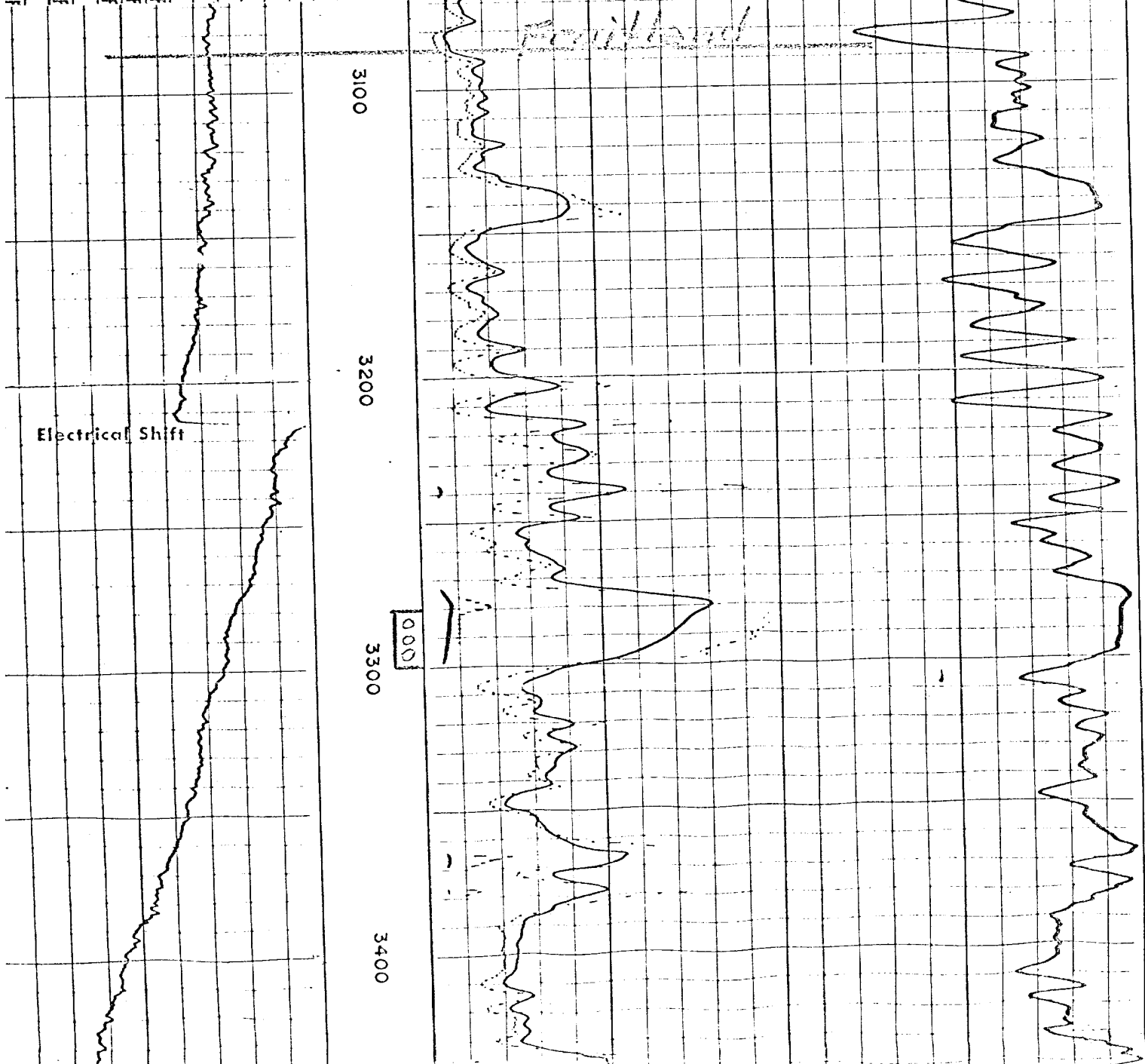
SCHLUMBERGER INDUCTION ELECTRICAL LOG

COUNTY SAN JUAN
 FIELD or LOCATION IGNACIO
 WELL RATTLESNAKE CANYON #1
 COMPANY AZTEC OIL & GAS

COMPANY AZTEC OIL & GAS COMPANY
 WELL RATTLESNAKE CANYON #1
 FIELD IGNACIO
 COUNTY SAN JUAN STATE NEW MEXICO
 LOCATION 820' FSL 1680' FWL
 Sec. 32 Twp. 32N Rge. 8W
 Other Services:
 FDC-GR
 BHC-GR

Permanent Datum: GL Elev. 6646
 Log Measured From KB 12 Ft. Above Perm. Datum
 Drilling Measured From KB Elev.: K.B. 6658
 D.F. 6657
 G.L. 6646

Date	6-23-69
Run No.	ONE
Depth—Driller	3790
Depth—Logger	3780
Btm. Log Interval	3779
Top Log Interval	3725
Casing—Driller	10 3/8 326
Casing—Logger	325
Bit Size	9 7/8
Type Fluid in Hole	FGM
Dens. Visc.	9.0 60
pH Fluid Loss	- - ml
Source of Sample	EL 0.1 INE
Rm @ Meas. Temp.	58 @ 80 °F
Rml @ Meas. Temp.	54 @ 80 °F
Rmc @ Meas. Temp.	- @ - °F
Source Rm	M -
Rm @ BHT	1.74 @ 119 °F
Time Since Circ.	2 HOURS



NOV 19 1964

00

COMPANY Atlas Oil & Gas Co.

WELL WATLES ALAKE Qid yad #1

FIELD _____

COUNTY SAN JUAN STATE NEW MEXICO

Location

820' Feb 1 1680' Feb 4

[illegible]

Other
Spir
Bl

FIELD FRANCIO

County SAN JUAN State NEW MEX

Sec. 32 Twp. 32 N Rge. 8W

Donald L. Fife
Elev. 66646

Elev.:

Measured from Nelly Bushy 12 Ft. Above Perm. Datum
 ng Measured From Nelly Bushy

7-9-69

270.

100

th-Driller

11-Melox

Long Interval

Logged Interval	2000'
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Fluid in Hole

ulinity, PPM Cl.

massive

Yr.	1950
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rec. temp., deg. F.

Working Rig Time

Ordered By	W.D. Smith
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Issued by Mr. Brown.

[illegible]

BOOTHOLE RECORD	CASINO RECORD
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Bit	From	To	Size	Wgt.	From
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751	0
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47	10.50	0
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[illegible]