

Phone (303) 790-2705

**BAKER
SERVICE TOOLS**56 Inverness Drive East
Englewood, CO 80112

Contractor	Big A Drilling	Surface Choke	1/4"	Mud Type	--
Rig No.	23	Bottom Choke	3/4"	Weight	10.3
Spot	--	Hole Size	6 1/4"	Viscosity	39
Sec.	29	Core Hole Size	--	Water Loss	--
Twp.	31 N	DP Size & Wt.	3 1/3" 13.30	Filter Cake	--
Rng.	7 W	Wt. Pipe	None	Resistivity	1.0 @ 65 °F
Field	NEBU	I.D. of DC	2 1/4"		2,000 Ppm. NaCl
County	San Juan	Length of DC	295'	B.H.T.	Not Reported
State	New Mexico	Total Depth	3286'	Co. Rep.	Not Reported
Elevation	Not Reported	Type Test	Conventional	Tester	David Dolyniuk
Formation	Picture Cliff	Interval	3264' - 3286'	Baker Dist.	Farmington NM
	Tongue				

	REPORTED	CORRECTED	
	Opened Tool @	00:15	hrs.
	Flow No. 1	10	10 min.
	Shut-In No. 1	30	20 min.
	Flow No. 2	90	88 min.
	Shut-In No. 2	180	182 min.
	Flow No. 3	None Taken	min.
	Shut-In No. 3	"	" min.
	Recorder Type	Kuster K-3	
	No. 24645	Cap. 4450	psi
Depth	3278	feet	
Inside X	Clock		
Outside	Range 24	hrs.	
Initial Hydrostatic	A	1818.9	
Final Hydrostatic	K	1799.1	
Initial Flow	B	628.9	
Final Initial Flow	C	665.4	
Initial Shut-In	D	2009.4	
Second Initial Flow	E	189.5	
Second Final Flow	F	398.1	
Second Shut-In	G	1683.4	
Third Initial Flow	H		
Third Final Flow	I		
Third Shut-In	J		

Pipe Recovery: 30' Mud = 0.15 bbl.

Resistivity:

Top: 1.0 @ 65°F - Titrates: 2,000 ppm Cl.

Middle: 1.0 @ 65°F - Titrates: 2,000 ppm Cl.

Bottom: 1.0 @ 65°F - Titrates: 2,000 ppm Cl.

Remarks: The pressure charts indicate severe plugging throughout both flowing periods. Because of the plugging which occurred during the initial flow period, the initial shut-in pressures are not reliable.

Operator
Ticket No.
DateBLACKWOOD & NICHOLS CO., LTD.
82334
2/8/90Well Name & No.
Location
County, State
NEBU #472
S-29 T-31N R-7W
SAN JUAN COUNTY, NMDST No.
Interval
Formation
1
3264' - 3286'
PICTURE CLIFF

BAKER SERVICE TOOLS

Blackwood & Nichols Co., Ltd.

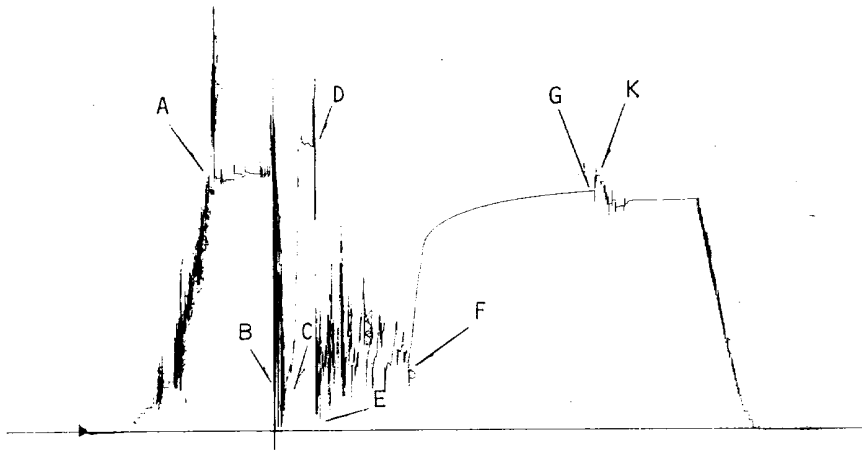
Operator

NEBU #472

Well Name and No.

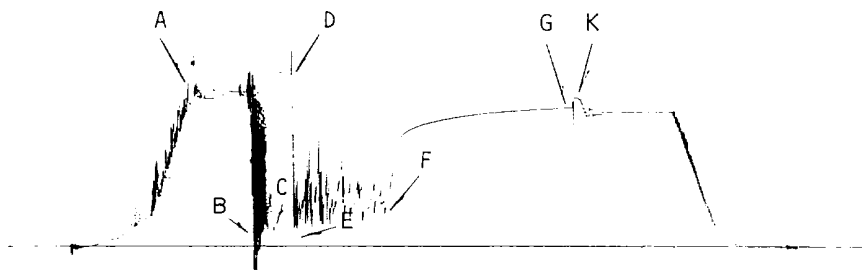
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DST No.



Recorder Type **Kuster K-3**
No. **13755** Cap. **2900** psi
Depth **3245** feet
Inside **X** Clock
Outside Range **12** hrs.

Initial Hydrostatic	A	1818.8
Final Hydrostatic	K	1769.9
Initial Flow	B	602.1
Final Initial Flow	C	647.3
Initial Shut-In	D	1988.4
Second Initial Flow	E	177.1
Second Final Flow	F	379.4
Second Shut-In	G	1666.7
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-In	J	



Recorder Type **Kuster K-3**
No. **7661** Cap. **4900** psi
Depth **3285** feet
Inside Clock
Outside **X** Range **12** hrs.

Initial Hydrostatic	A	1757.6
Final Hydrostatic	K	1693.1
Initial Flow	B	482.7
Final Initial Flow	C	505.2
Initial Shut-In	D	1950.1
Second Initial Flow	E	208.2
Second Final Flow	F	383.9
Second Shut-In	G	1585.8
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-In	J	

[illegible]

BAKER SERVICE TOOLS

SAMPLER REPORT

Company Blackwood & Nichols Co., Ltd. Date 2/8/90
Well Name & No. NEBU #472 Ticket No. 82334
County San Juan State New Mexico
Test Interval 3264' - 3286' DST No. 1

Pressure in Sampler: 35 _____ psig

Total Volume of Sampler: -- _____ cc.

Total Volume of Sample: -- _____ cc.

Oil: -- _____ cc.

Water: -- _____ cc.

Mud: -- _____ cc.

Gas: -- _____ cu. ft.

Other: -- _____

Resistivity

Make Up Water _____ @ _____ °F of Chloride Content Fresh ppm.

Mud Pit Sample 1.0 @ 65 °F of Chloride Content 2,000 ppm.

Gas/Oil Ratio _____ Gravity _____ °API @ _____ °F

Where was sample drained On location.

Remarks Sampler was completely plugged.

BAKER SERVICE TOOLS

Blackwood & Nichols Co., Ltd.

Operator

NEBU #472

Well Name and No.

1

DST No

RECORDER NO. 24645 DEPTH 3278 FT.

INITIAL SHUT-IN

INITIAL FLOW TIME: T = 10 MIN.

<u>DT(MIN)</u>	<u>LOG((T+DT)/DT)</u>	<u>PRESSURE(P SIG)</u>	<u>DP(P SIG)</u>
0		665.4	0.0
1	1.041	879.1	213.7
2	0.778	1138.1	472.7
3	0.637	1319.3	653.9
4	0.544	1767.2	1101.8
5	0.477	1989.9	1324.6
6	0.426	2017.5	1352.1
7	0.385	2034.3	1368.9
8	0.352	2045.3	1379.9
9	0.325	2023.3	1357.9
10	0.301	2017.2	1351.8
12	0.263	2017.7	1352.4
14	0.234	2017.9	1352.5
16	0.211	2016.6	1351.2
18	0.192	2013.3	1347.9
20	0.176	2009.4	1344.0

EXTRAPOLATED PRESSURE: INDETERMINATE

BAKER SERVICE TOOLS

Blackwood & Nichols Co., Ltd.

NEBU #472

1

Operator

Well Name and No.

DST No.

RECORDER NO. 24645 DEPTH 3278 FT.

FINAL SHUT-IN

TOTAL FLOW TIME: T = 98 MIN.

<u>DT(MIN)</u>	<u>LOG((T+DT)/DT)</u>	<u>PRESSURE(P SIG)</u>	<u>DP(P SIG)</u>
0		398.1	0.0
1	1.996	510.2	112.1
2	1.699	569.1	171.0
3	1.527	625.7	227.6
4	1.407	671.7	273.6
5	1.314	746.9	348.8
6	1.239	815.6	417.5
7	1.176	879.1	481.1
8	1.122	958.8	560.7
9	1.075	1017.4	619.3
10	1.033	1072.3	674.2
12	0.962	1156.5	758.4
14	0.903	1269.6	871.5
16	0.853	1337.2	939.1
18	0.809	1373.6	975.5
20	0.771	1394.4	996.3
22	0.737	1409.6	1011.5
24	0.706	1422.5	1024.4
26	0.678	1434.9	1036.8
28	0.653	1446.0	1047.9
30	0.630	1457.1	1059.0
35	0.580	1479.4	1081.3
40	0.538	1497.8	1099.7
45	0.502	1516.0	1117.9
50	0.471	1529.6	1131.5
55	0.444	1541.9	1143.8
60	0.421	1554.2	1156.1
70	0.380	1574.4	1176.3
80	0.347	1590.5	1192.4
90	0.320	1604.9	1206.8
100	0.297	1619.5	1221.4
110	0.277	1629.5	1231.4
120	0.259	1640.2	1242.1
130	0.244	1648.6	1250.5
140	0.230	1657.3	1259.2
150	0.218	1663.9	1265.9
160	0.207	1670.4	1272.4

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DST No

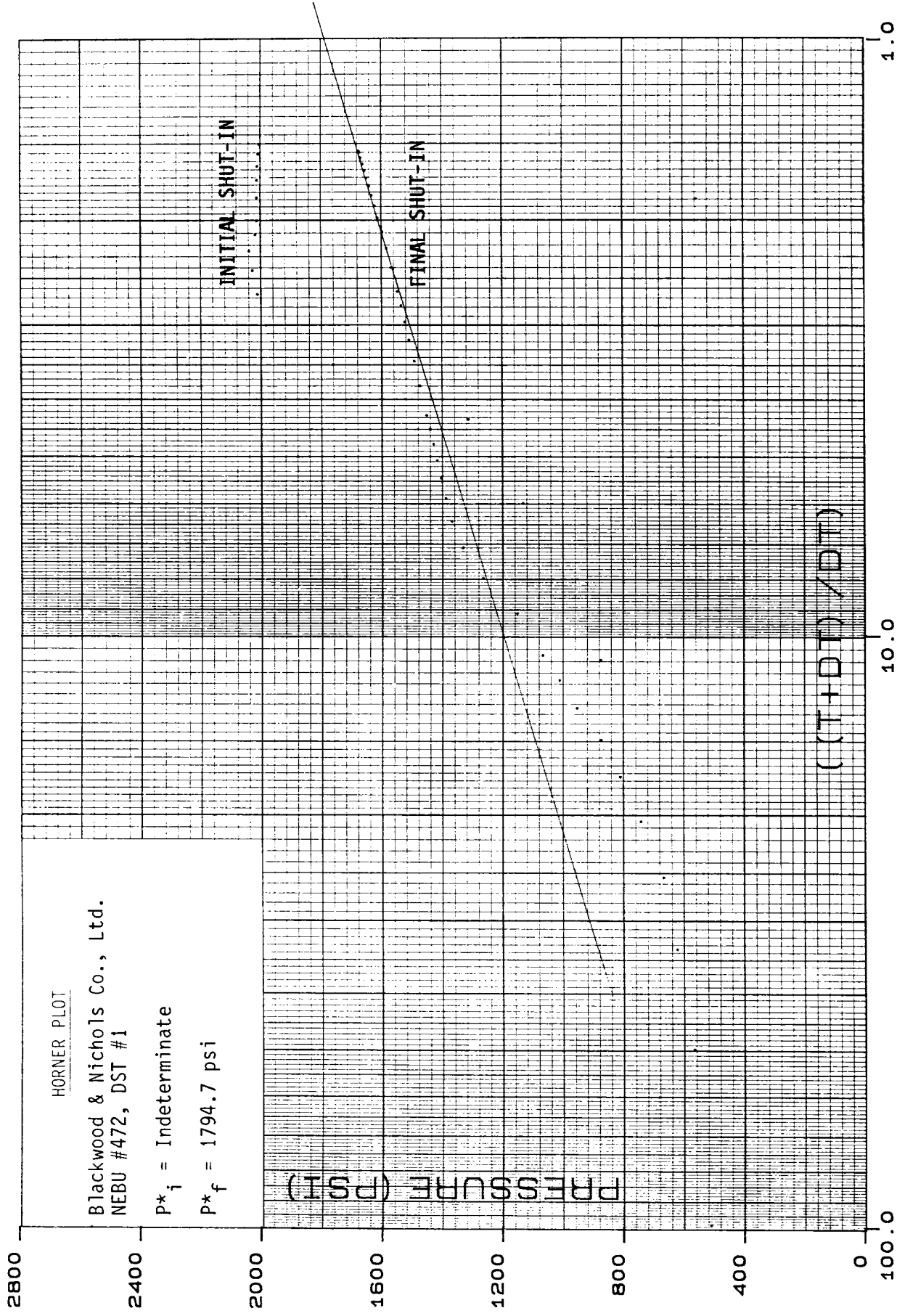
FINAL SHUT-IN CONTINUED

<u>DT(MIN)</u>	<u>LOG((T+DT)/DT)</u>	<u>PRESSURE(P SIG)</u>	<u>DP(P SIG)</u>
170	0.198	1677.1	1279.0
180	0.189	1681.6	1283.5
182	0.187	1683.4	1285.3

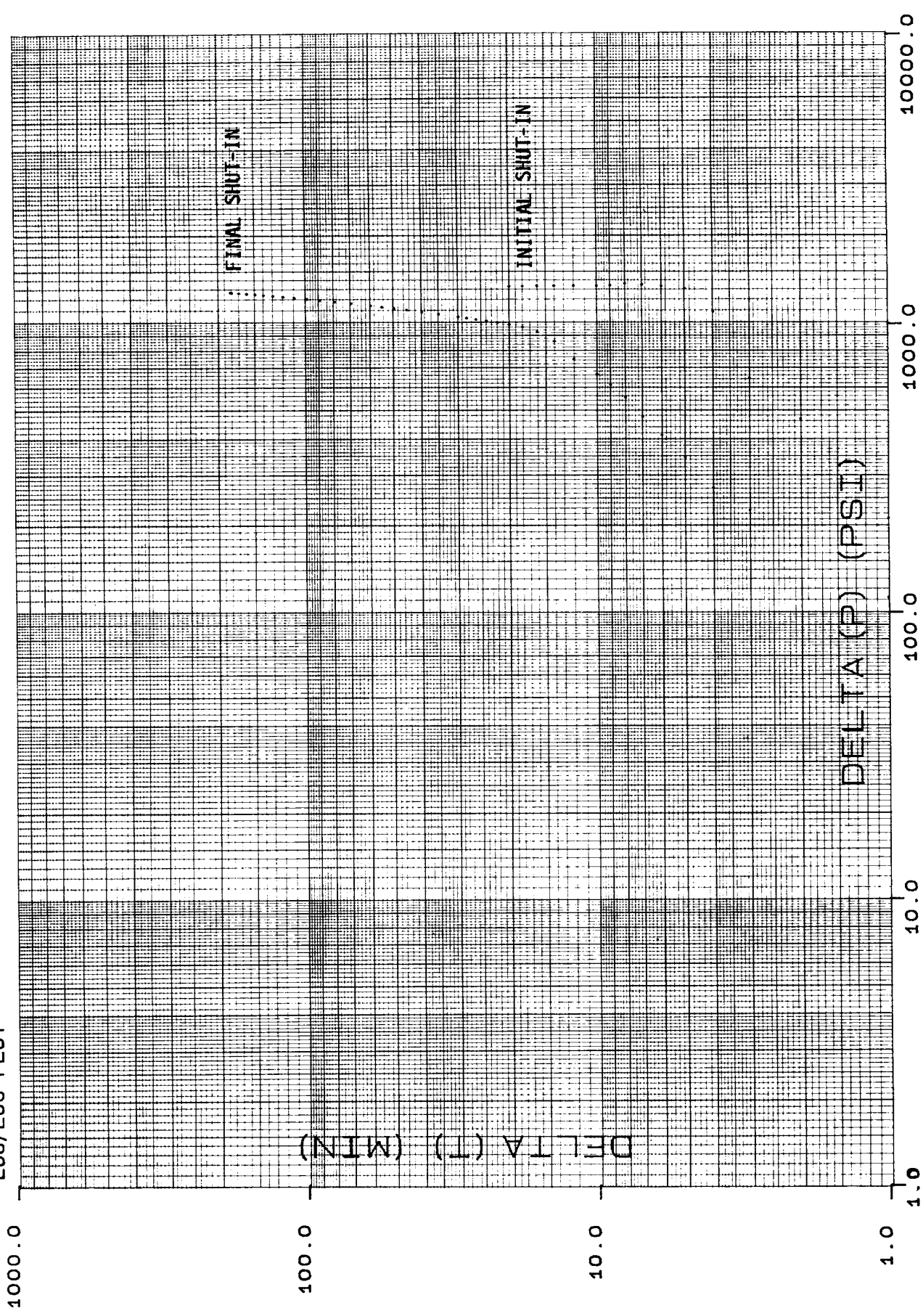
EXTRAPOLATED PRESSURE: 1794.7 PSI

SLOPE: 597.3 PSI/LOG CYCLE

POINTS USED: 9



LOG/LOG PLOT



BAKER SERVICE TOOLS

DISTRIBUTION OF FINAL REPORTS

Blackwood & Nichols Co., Ltd.
Operator

NEBU #472
Well Name and No.

Blackwood & Nichols Co., Ltd. 30
Box 1237
Durango CO 81301

BAKER **SERVICE TOOLS**

A Baker Oil Tools Company



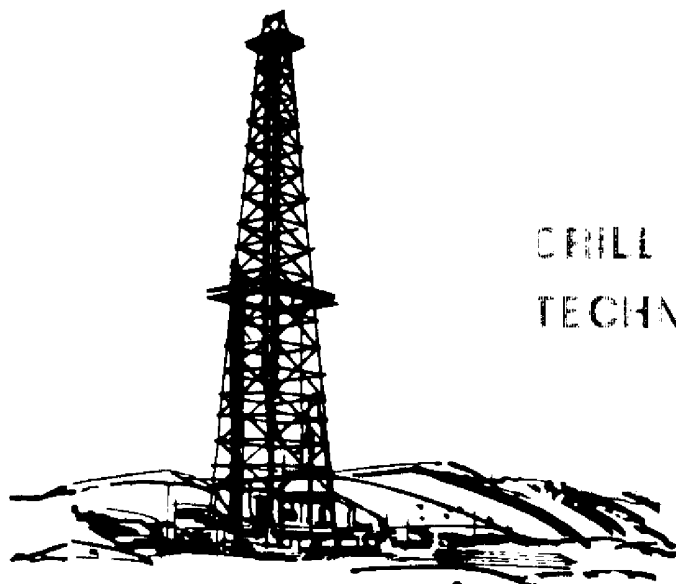
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OIL CON. DIV

DIST. 3



DRILL STEAM TEST

TECHNICAL SERVICE REPORT

Scam Here

