

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company

Attention:

Mike Curry

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-4075

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1840' FSL 1175' FWL Sec. 34 T 31N R 9W NW/4SW/4

5. Lease Designation and Serial No.

NM-013686

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Pritchard /B/ #5

9. API Well No.

3004526991

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan

New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Repair

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Workover well by stimulating openhole section using openhole completion technique. See attached procedures.

RECEIVED
BLM
4 FEB -7 PM 3:57
GOTO FARMINGTON, NM

R L 1001
FEB 11 1994
OIL CON. DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed

Mike Curry

Title

Business Analyst

Date

02-04-1994

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

APPROVED

FEB 10 1994

DISTRICT MANAGER

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States and false, fictitious, or fraudulent representations as to any matter within its jurisdiction.

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning

the use of this form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

SPECIFIC INSTRUCTIONS

Item 4 - If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones,

or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE - The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES:

- (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations.
- (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2)
- (3) Analyze future applications to drill or modify operations in light of data obtained and methods used.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal, or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION - Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0135), Washington, D.C. 20503.

WORKOVER PROCEDURE
PRITCHARD "B" 5

OBJECTIVES: To (1) run and cement 5 1/2" liner over shales above the coals, (2) cleanout openhole, and (3) stimulate by recavitation of the Fruitland coals.

CURRENT WELL CONDITION: This well is an open-hole Fruitland coal producer drilled in 1989. 9 5/8" 36# K-55 casing was set at 257' and cemented to surface. 7" 23# K-55 casing was set at 2642' and cemented to surface. The well was drilled to a TD of 3013', and the original completion included a 5 1/2" uncemented liner. In August, 1993, the liner was pulled and the well was recavitated. Flow tests during the workover were up to 3.9 MMCFD. The openhole has again caved-in or bridged off in the shale section above the coals. A recent wireline tag was measured at 2680'. Current production is 200 MCFD.

1. MIRU cavitation rig with associated openhole completion equipment.
2. Tag for fill and cleanout to at least 2850'. Sand back to 2810' to protect coals from the liner cement job.
3. RIH with 5 1/2" flush joint liner, land at 2800'. Top of liner at ^{2542'}~~2600'~~. Cement liner up into 7" casing.
4. Drillout liner and cleanout sand from openhole.
5. Using openhole completion techniques, cleanout the openhole section and stimulate the Fruitland coals. These operations should continue as long as flow rates are increasing with time and the wellbore is unstable.
6. Once hole is stabilized and no appreciable increase in gas rates are expected, RIH with production string of 250' of 2 7/8" TBG and the remaining of 3 1/2" TBG. Land TBG at 2725' and return well to production.

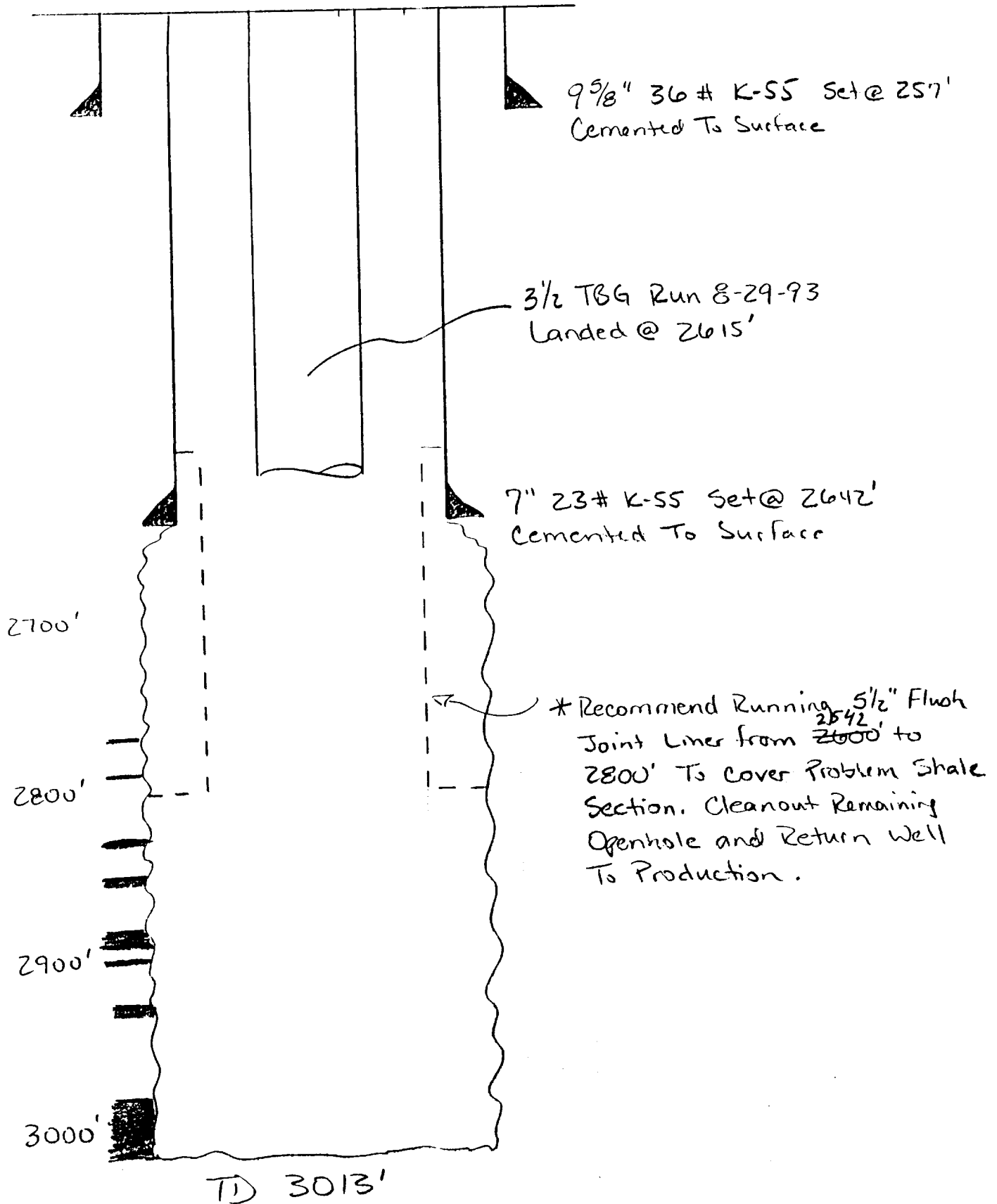
MDG.94.02.02.

Amoco Production Company

ENGINEERING CHART

SUBJECT Pritchard B-5 Wellbore
SW 1/4 Sec. 34, T31N, R29W

Sheet No _____ Of _____
File _____
Appn _____
Date 2-4-94
By MDG





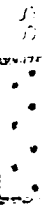
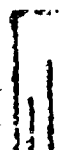
Four Corners Contracting Services, Inc.
Durango, Colorado 81301

Post Office Box 9101

Durango, Colorado 81301

303-259-0655

SPALLS



GY

BLK



GRN



WH



COAL

RED



EST. C- 6200

6211

EST. C- 6200

6211

FROM 2636

3013

DATE 6/22/89

6/24/89

FROM 6/22/89

6/24/89

MUD 1000 Fresh Water

MUD CO

GENERAL INFORMATION ANALYSIS

Total Gas = 150 Units/Division

C 1 = 100 Units/Division

C 2 = 240 Units/Division

C 3 = 248 Units/Division

C 4 = 3184 Units/Division

WILL PRITCHARD RE 5
LOCATION SEC 34 T 31N R 9W
1840 FSL 1175 FWL Colorado
COUNTY LaPlata STATE Colorado
OPERATOR AMOCO PRODUCTION COMPANY

MUD DATA

RIG

MECH

PENETRATION RATE

MINUTES/FOOT

LITHOLOGY

DEPTH

%

PERCENT

FORMATION DESCRIPTION

CHROMATOGRAPH

UNITS PER DIVISION

Drate 25-Drilling Contractor

Company Drilling B

12/4000 6/22/89 Only

ready to log Drilling

w/111 Smith F22-617A"

Drilling shoe 22000-2642.

Est.

Gasing

@2636

2640

Formation

60

WGT 10000

WGT 1000

WGT 100

WGT 10

WGT 1

WGT 0.1

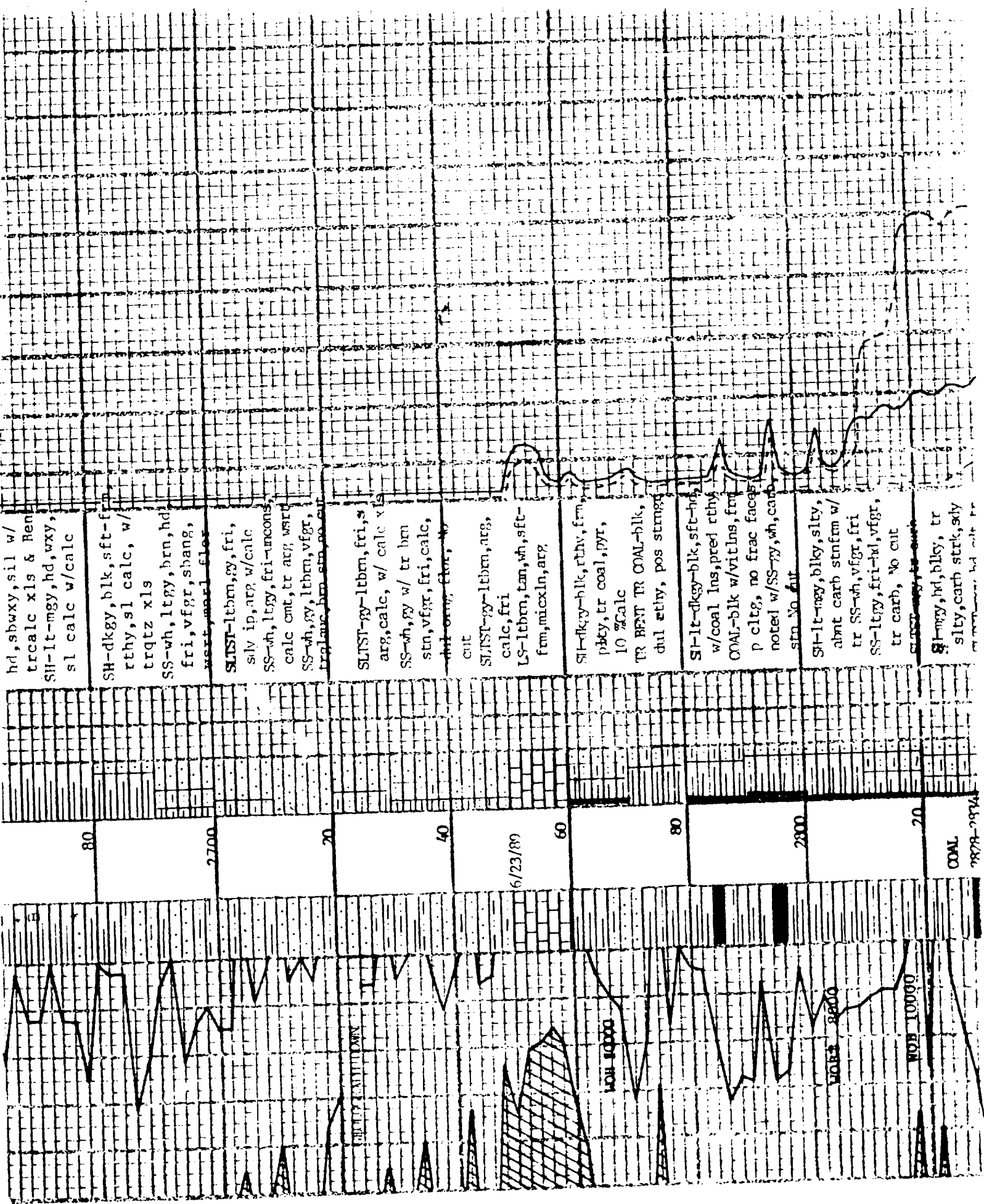
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WGT 0.001

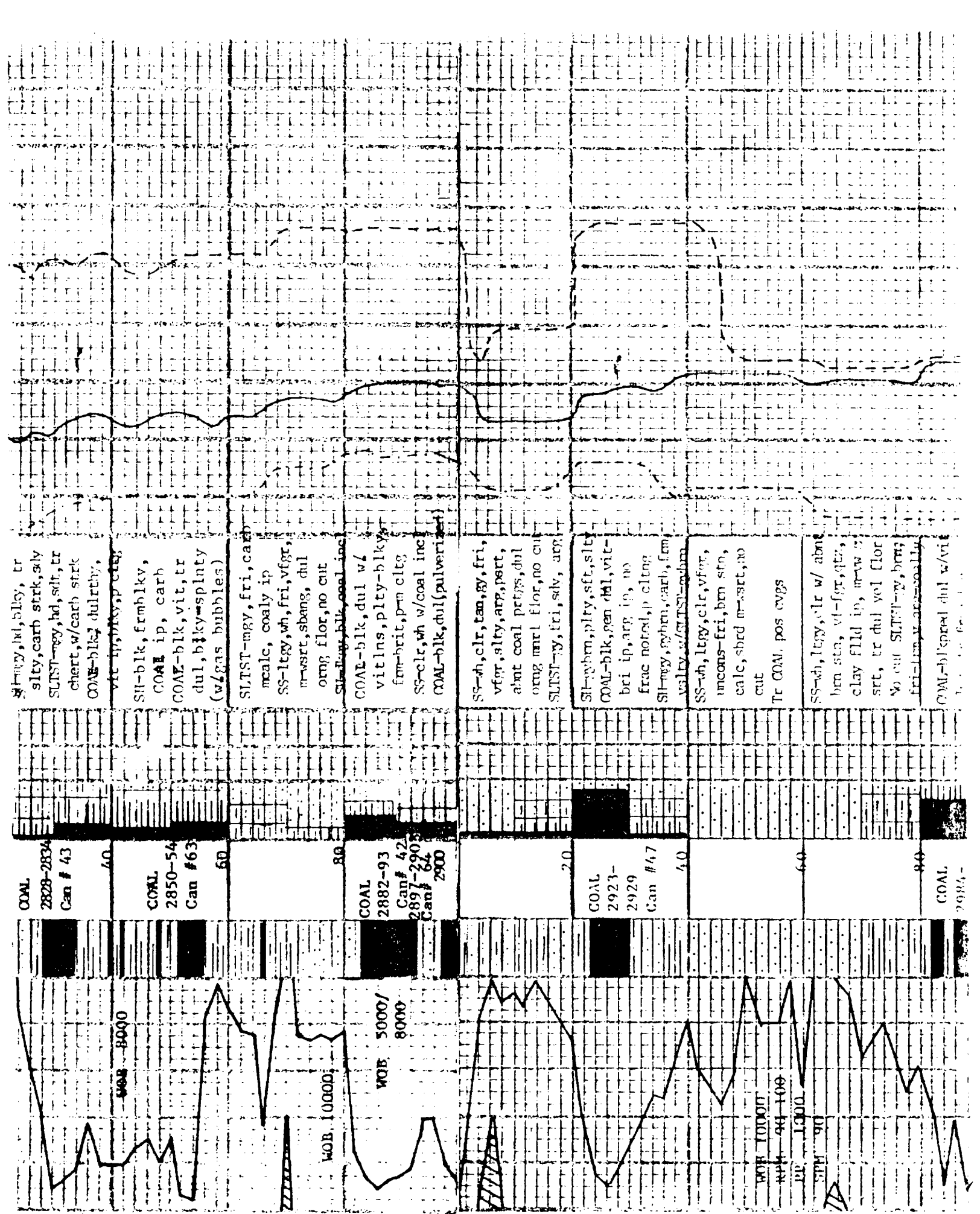
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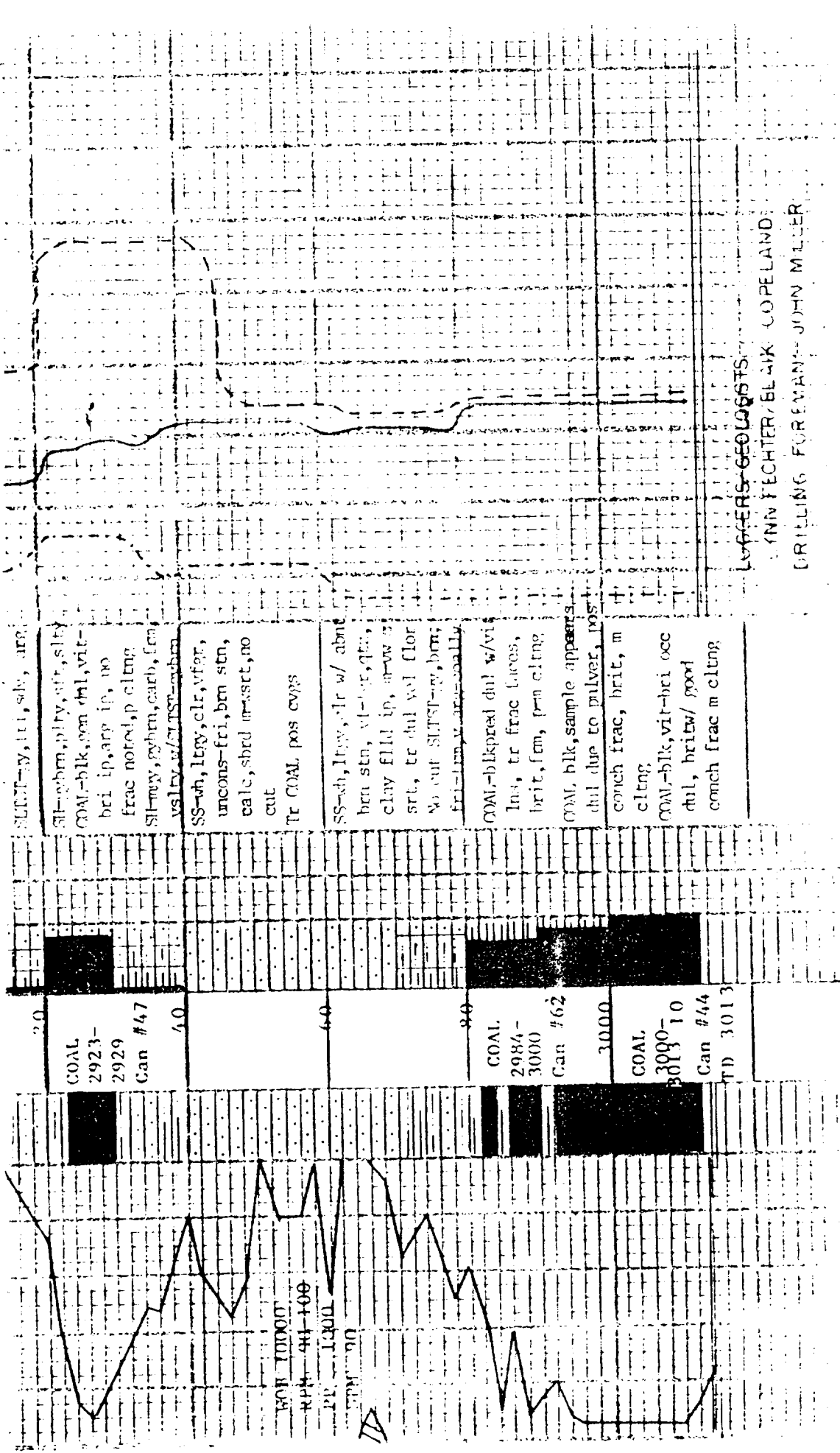
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CARBIDE LAG 16 INCHES



hd, shxy, sil w/ trcalc xls & Bent
SH-lt-mgy, hd, wxy,
sl calc w/calc
SH-dkgy, blk, sft-fm
rthy, sl calc, w/
trqtz xls
SS-wh, ltgy, brn, hd
fri, vfgr, shang,
west, marl floor
SLTST-ltbrn, gy, fri,
sly ip, arg w/calc
SS-wh, ltgy, fri-mconcs,
calc cnt, tr arg, wsd
SS-wh, gy, ltbrn, vfgr,
tr glauc, brn str, po cut
SLTST-gy-ltbrn, fri, s
arg, calc, w/ calc xls
SS-wh, gy w/ tr brn
str, vfgr, fri, calc,
hd, arg, floor, No
cut
SLTST-gy-ltbrn, arg,
calc, fri
LS-ltbrn, tan, wh, sft-
fm, micxln, arg
SH-dkgy-blk, rthy, fm,
pky, tr coal, pyr,
10 %Calc
TR BENT TR COAL-blk,
dul rthy, pos string
SL-lt-dkgy-blk, sft-hd,
w/coal lns, pred rthy
COAL-blk w/vitlns, fm
p cltg, no frac fac
noted w/SS-gy, wh, carb,
str No cut
SL-lt-mgy, blk, sly,
abnt carb strfm w/
tr SS-wh, vfgr, fri
SS-ltgy, fri-hd, vfgr,
tr carb, No cut
SL-mgy, hd, blk, tr
sly, carb strk, sly





LOGGERS-GEOLOGISTS
 ANN FECHTER/BLANK COPELAND
 DRILLING FOREMAN-JOHN MILLER