

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

5. Lease Designation and Serial No.

SF 079938

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Attention:

AMOCO PRODUCTION COMPANY

D. M. Kilgore

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-5573

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

800 FNL

800 FWL

Sec. 30 T 29N R 08W

Unit D

8. Well Name and No.

Hughes Com #6

9. API Well No.

3004524648

10. Field and Pool, or Exploratory Area

Basin Dakota/Mesaverde

11. County or Parish, State

San Juan County

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

☐ 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.)*

The recomple will be named "HUGHES LS 18" 94

Please see attachment.

RECEIVED
APR 13 1994
OIL CON. DIV.
DIST. 3

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

Signed

Title

Business Analyst

Date

03-25-1994

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

AMOCO

APPROVED

APR 04 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 any false, fictitious, or fraudulent statements or 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.

RECOMPLETION PROCEDURE
HUGHES COM 6 - Run 45
BASIN DAKOTA --> MESA VERDE
SRBU - SAN JUAN OC
February 15, 1994

- RECOMPLETE TO BE
NAMED "HUGHES LS 1 B"

Purpose:

This well is in an ideal site to recomplete to the Mesa Verde horizon for increased production. A grass roots drilling well was originally authorized for this location. However, when development of the MV resource through recompletion of this well was compared to drilling, superior economics were shown for the recompletion option. Plugging the Dakota and recompleting to the Mesa Verde was authorized on 12/20/93.

This procedure will ~~plug~~ the Dakota and recomplete the Hughes Com 6 to the Mesa Verde. Please call Stan Kolodzie at ext. 4769 in Denver if you have any questions.

Current Production:

50 MCFD

Estimated Cost:

\$ 255,000 (Gross)

Anticipated Production

630 MCFD

Estimated Payout:

39 mos

REQUIRED PERMITS AND APPROVALS BEFORE WORKOVER CAN BEGIN

(Check off as permits are received)

BLM

<> Surface Disturbance - No Permit Required

No surface disturbance is anticipated.

<> Wellbore Changes - PERMITS REQUIRED

P&A of the Dakota zone will require a permit.

Recompletion to the Mesa Verde horizon will require a permit.

<> Produced Gas - No Permit Required

Produced gas will be handled as before the workover.

DEQ

<> Surface Discharge - No Permit Required

No surface discharge is anticipated

NOTES:

Well Flac No. = 97968601

Elev. Reference: 6491 GL

Amoco WI = 0.500

Total Royalty = 0.155

Depths are based on the Schlumberger Compensated Density Log dated 6/22/81.

A copy of the relevant intervals is attached.

Recompletion
Hughes Com 6 - Run 45
February 15, 1994

Procedure:

1. Move in rig. Rig Up. Nipple up blowout preventer.
2. Control or kill well. Use only the minimum volume of kill fluid - with 2% KCl water.
3. Pull Dakota 2 3/8" tubing string.
4. Run 4 1/2" bit and scraper and clean out to RBP setting depth of approx. 7350'.
5. Run CIBP. Set at approx. 7350. Cover CIBP with 50' of cement.
6. Install lubricator.
7. Perforate new Mesa Verde intervals. Perforating should be done with the minimum pressure possible in the casing to allow the new perms to clean themselves out. Perforate the following intervals with 3 1/8" casing gun, 2 JSPF, 120 degree phasing.

Cliffhouse:	4678 - 4688
	4693 - 4697
	4704 - 4709
	4735 - 4741
	4750 - 4769
Pt. Lookout	5265 - 5300
	5347 - 5354

Total of 98 shots

Total of 88 shots

Grand Total of 186 shots

STIMULATION

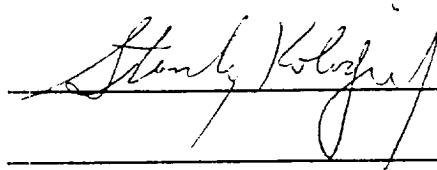
8. The Mesa Verde will be fracture stimulated in a manner similar to other recent Mesa Verde completions. Refer to the attached frac schedule for details.
9. Run 2 3/8" tubing to Mesa Verde. Set tubing at approx. 5300'.
10. Remove BOP. Hook up well to production equipment.
11. Swab in well if necessary. Return to production.

AUTHORIZATIONS

ENGINEER

PRODUCTION FOREMAN

WORKOVER FOREMAN



RECOMPETITION PROCEDURE
HUGHES COM 6 - Run 45
February 15, 1994
MATERIALS LIST

Amoco

Service Unit with Rig Pump
Bit and Scraper for 4 1/2", 11.6#, K-55 casing
Swab unit (if necessary)

Nitrogen Vendor Alternate

Perforating Vendor Alternate
186 Jet shots - 13 gram charges minimum, from 3 1/8' hollow-carrier casing gun,
120 degree phasing

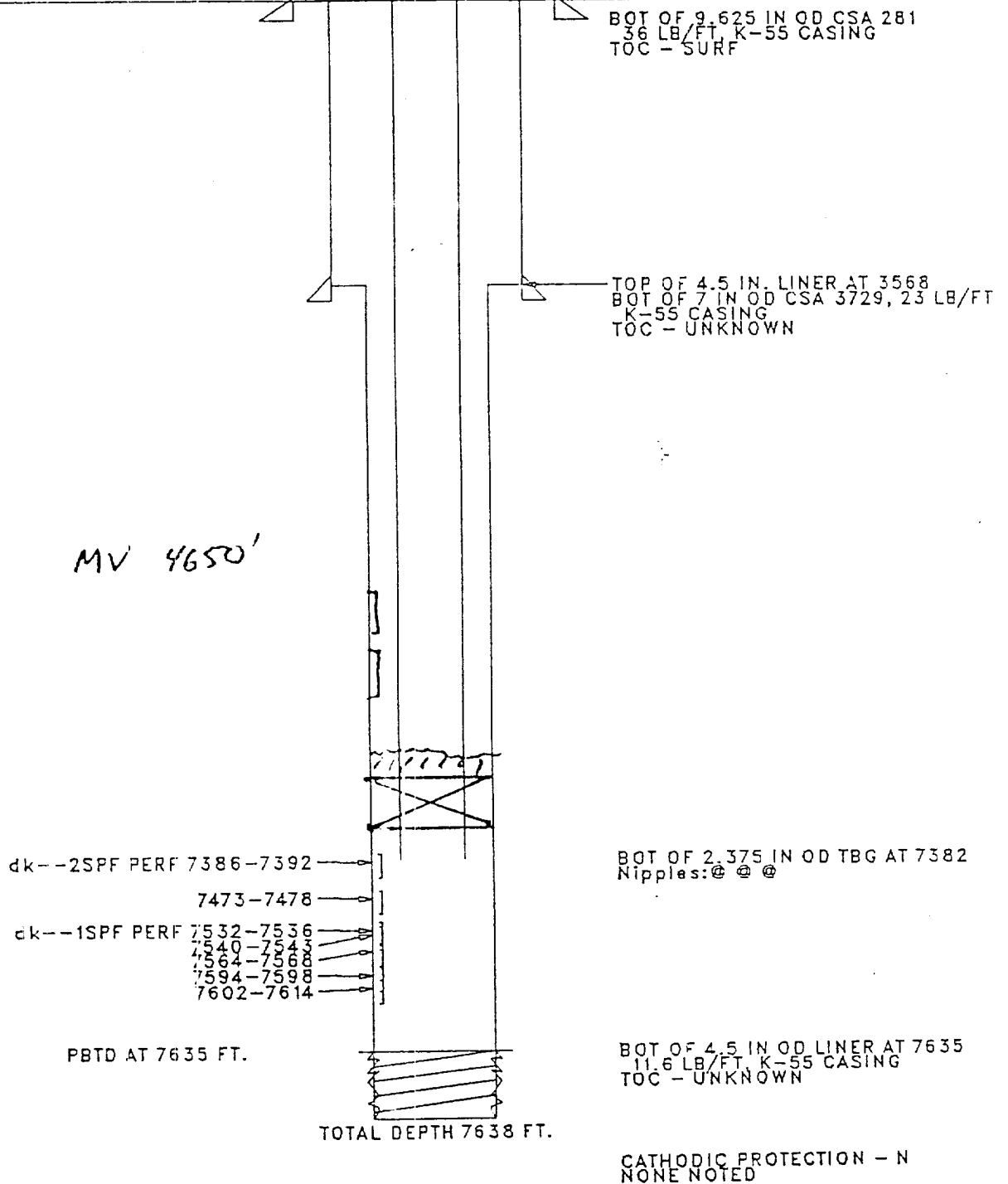
Stimulation Vendor Alternate

cc: B X Maez, K A Sauvageau } SJOC
S X Kolodzie, M P Curry, Well File } Denver

HUGHES COM 006 101
Location - 30C-29N-8W
SINGLE dk
Orig. Completion - 8/81
Last File Update - 1/89 by BCB

800' FNL, 800' FWL Sec 30, T29N, R84

R08W



Schlumberger

COMPENSATED
FORMATION DENSITY LOG
Gamma-Gamma

COUNTY SAN JUAN, N.M.
FIELD BASIN DAKOTA
LOCATION HUGHES COM #6
WELL
COMPANY TENNECO OIL CO.

COMPANY TENNECO OIL COMPANY
WELL HUGHES COM # 6
FIELD BASIN DAKOTA
COUNTY SAN JUAN STATE NEW MEXICO
800' FNL & 800' FNL
Other Services:
1-GR

LOCATION
API SERIAL NO. SEC. TWP. RANGE
30 29 N 8 W

Permanent Datum: GL Elev: 6491
Log Measured From KB 12 Ft. Above Perm. Datum Elev: KB 6503
Drilling Measured From KB D.F. 6501
G.L. 6491

Well No.	6-22-81	WELL FILE DOCUMENTS
Depth-Driller	7608	
Depth-Logger	7611	
Log Interval	7609	
Log Interval	4600	
Logging-Driller	7	@
Logging-Logger	3731	@
Well Size	6.25	@
Type Fluid in Hole		
Dens. Visc.		
pH Fluid Loss		
Source of Sample		
Km @ Meas. Temp.	@	*F
Km @ Meas. Temp.	@	*F
Km @ Meas. Temp.	@	*F
Source Km @ Meas. Temp.	@	*F
Km @ BHT	@	*F
Circulation Stopped		
Logger on Bottom	0730	
Max. Rec. Temp.	140	*F
Temp. Location	8174 FARM	
Recorded By	MC BRIDE	
Witnessed By	WAGNER	

PERFORMED: 81/06/22
PROGRAM FILE: 1GR (VERSION 20.2 81/05/10)

PGTK

TOOL CHECK

JIG
BEFORE 333 AFTER 334 UNITS
NFDC 531 532 CPS
CPS

FILE

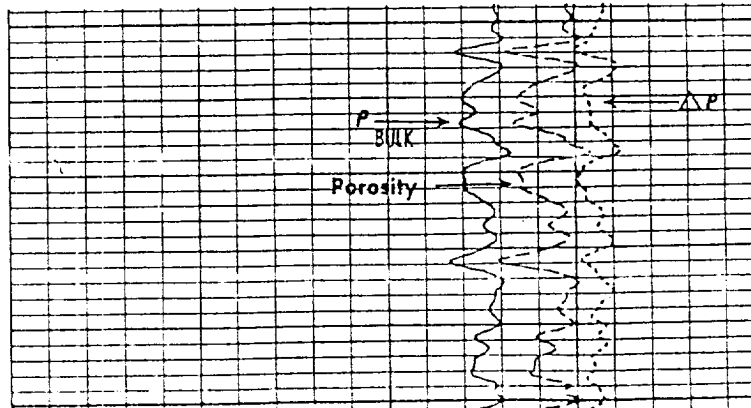
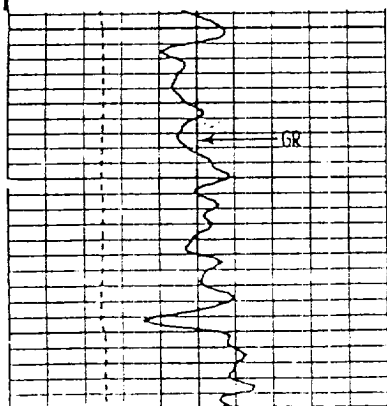
13

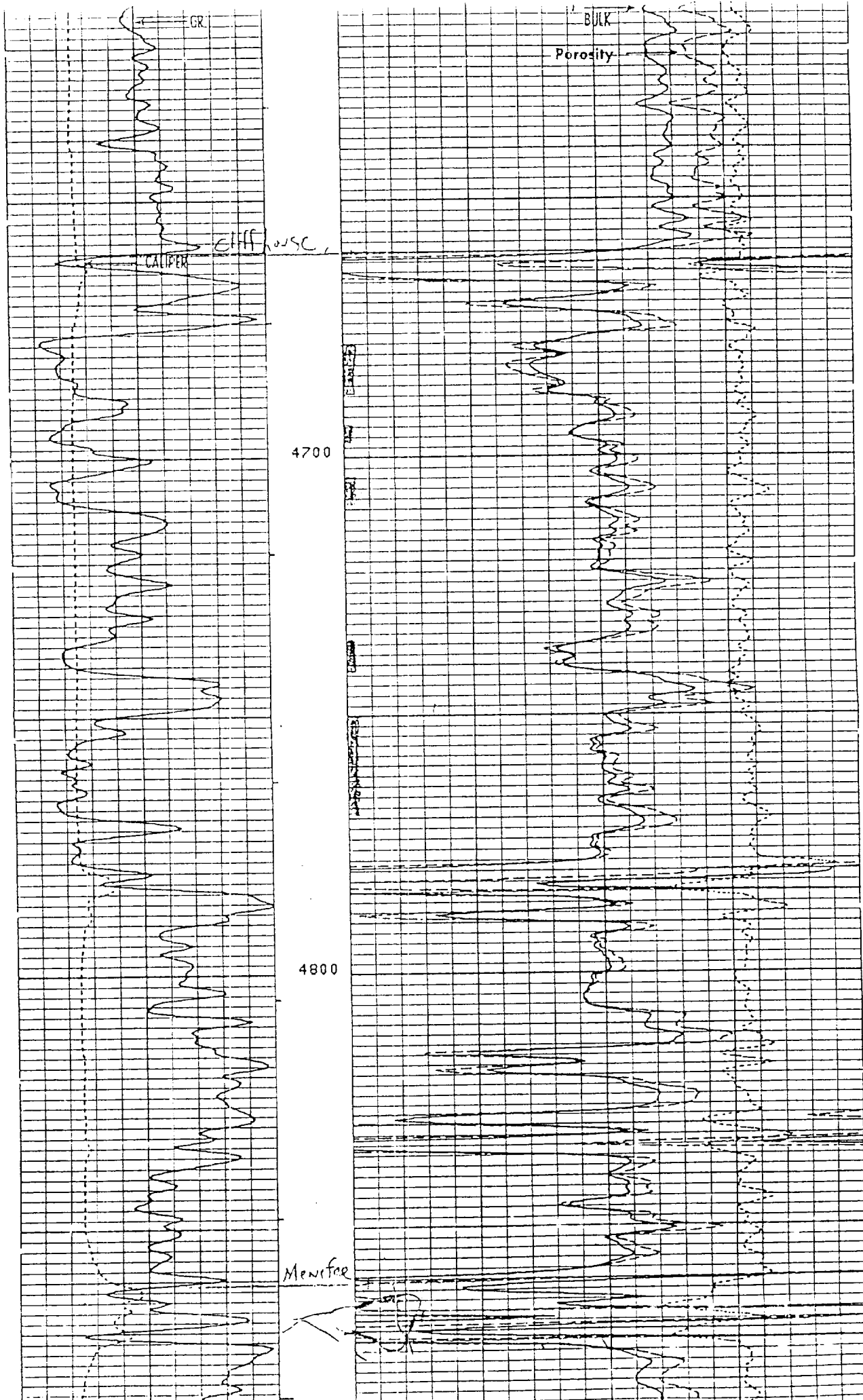
		DRHO(G/C3)	
		-0.250	0.2500
CAL(IN)		DPHI	
4.000	14.00	0.3000	-0.100
GR (GAPI)		RHOB(G/C3)	
0.0	200.0	2.000	3.000

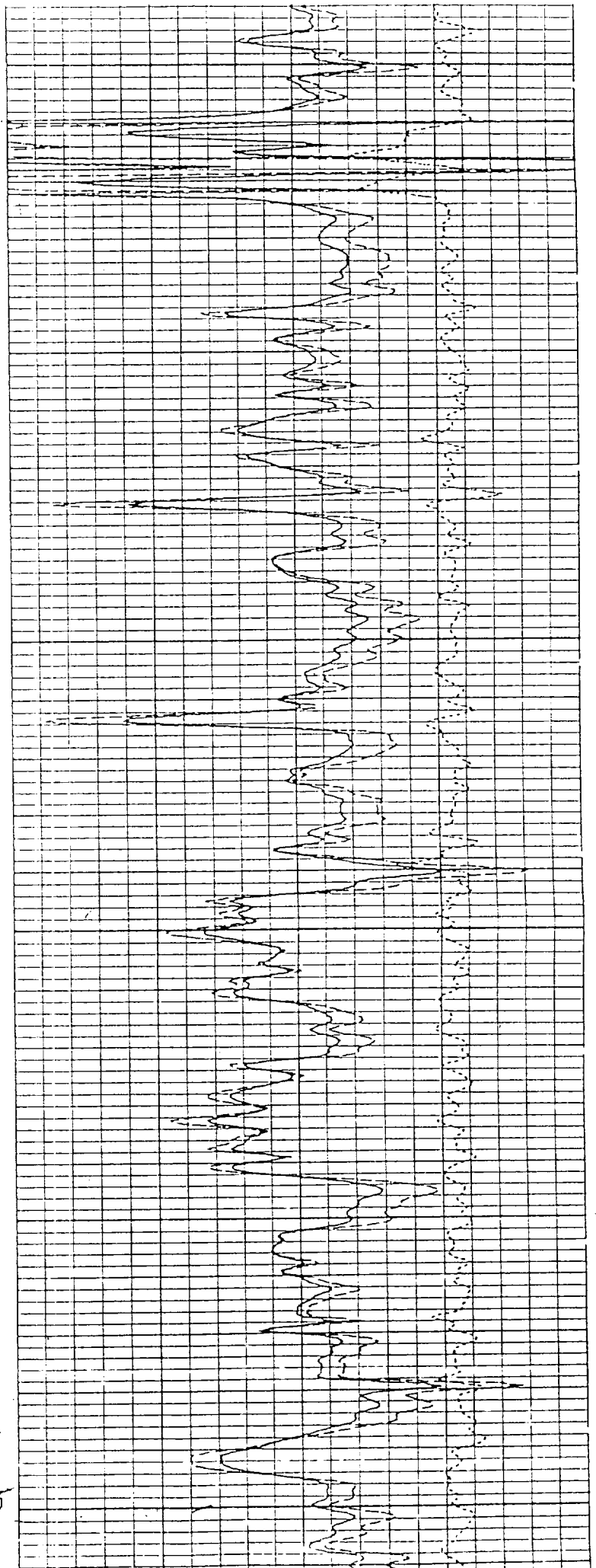
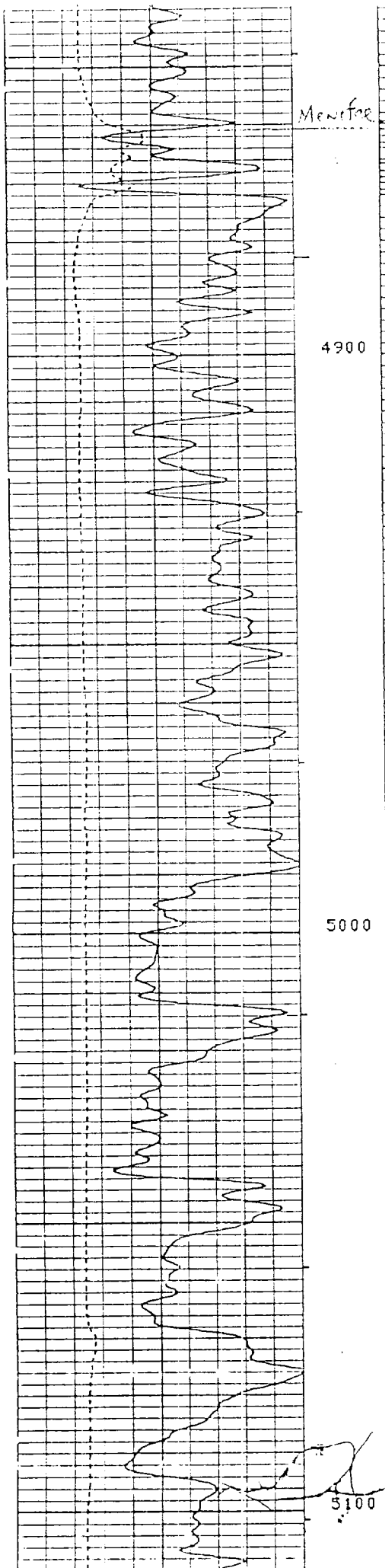
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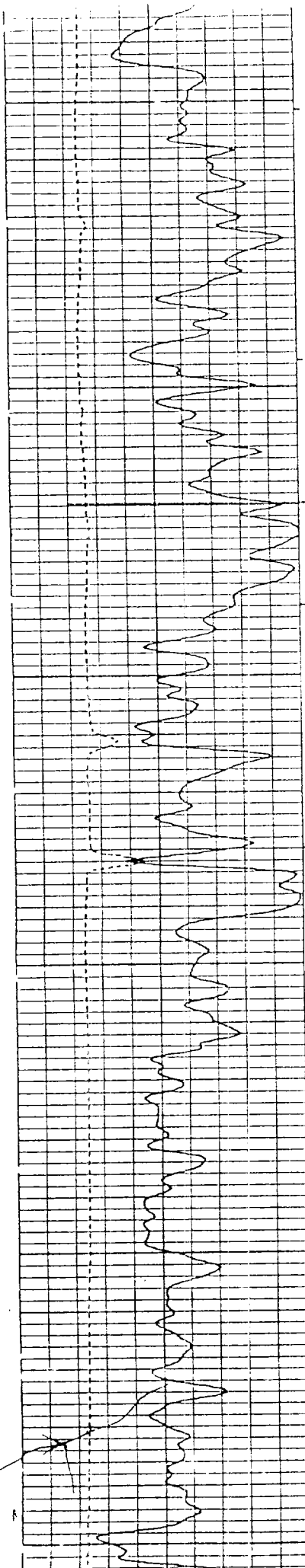
11

4600









5100

PT Look at

5200

5300

