

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 894-2100 Fax: (303) 894-2109



RECEIVED

FEB 28 00

COGCC

Plugging Bond Surety ID#:

1298 2107

APPROVED
Complete the
Attachment Checklist

	Op	OGCC
APD Original & 2 Copies	X	
Form 2A (Reclamation) & 1 Copy	X	
Permit Fee	N/A	
Well Location Plat	X	
Copy of Topo Map	X	
Plugging Surety		
Mineral Lease Map		
Surface Agreement/Surety		
Pit Permit (Form 15)		
Deviated Drilling Plan		
Request for Exception Location		
Exception Location Waivers		
112S Contingency Plan		
Federal Drilling Permit (1 Set)		
30-Day Notice	X	2/29/00
Sent complete permit package to county	X	

APPLICATION FOR PERMIT TO:

1. TYPE OF WORK

☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☒ GAS ☐ COAL BED ☐ OTHER: _____
SINGLE ZONE ☒ MULTIPLE ZONE ☐ COMMINGLE ZONES ☐

Refiling ☐
Sidetrack ☐

3. OGCC Operator Number: 61250

4. Name of Operator: Mull Drilling Company, Inc.

5. Address: P.O. Box 2758

City: Wichita

State: KS Zip: 67201

6. Contact Name & Phone

Mark Shreve

Phone: 316-264-6366

Fax: 316-264-6440

7. Well Name: UPR-Temple

Well Number: 1-29

8. Unit Name (if appl.): n/a

Unit No: n/a

9. Proposed Total Depth: 5200'

WELL LOCATION INFORMATION

10. Qtr/Qtr: SW SW Sec: 29 Twp: 16S Rng: 47W Meridian: 6th P.M.

Footage From Exterior Section Lines:

At Surface: 600' FSL & 632' FWL

11. Field Name: Wildcat

Field Number: 99999

12. Ground Elevation: 4175'

13. County: Cheyenne

14. If well is: ☐ Directional ☐ Horizontal (Highly Deviated), submit deviated drilling plan.

Footage from Exterior Section Lines and Sec Twp Rng:

At Top of Production Zone:

At Bottom Hole:

15. Is location in a high density area (Rule 603b)? ☐ Yes ☒ No

16. Distance to nearest building, public road, above ground utility or railroad: None within 200'

17. Distance to Nearest Property Line: 600'

18. Distance to nearest well completed in same formation: 2.5 miles

LEASE, SPACING, AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc)
Spergen	SPGN			

20. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

21. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

Lease #:

Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No

Surface Surety ID #: 1985 0015

If No: ☐ Surface Owners Agreement Attached or ☒ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

23. Describe lease area associated only with the proposed well by Qtr/Qtr, Sec, Twp, Rng (attach separate sheet/map if required):
W/2 of Section 29-16S-47W

24. Distance to Nearest Lease Line: 600'

25. Total Acres in Lease: 320

DRILLING PLANS AND PROCEDURES

26. Approx. Spud Date: March 6, 2000

NOTE: If air/gas drilling, notify local fire officials.

27. Drilling Contractor Number: 3779 63750

Name: Norseman Drilling, Inc.

Phone #: 316-265-9408

28. Is H2S Anticipated: ☐ Yes ☒ No If yes, attach contingency plan.

29. Will salt sections be encountered during drilling? ☐ Yes ☒ No

30. Will salt (>15,000 ppm TDS Cl) or oil based muds be used during drilling? ☐ Yes ☒ No

31. If questions 29 or 30 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☒ No

32. Mud disposal: ☐ Offsite ☒ Onsite

Method: ☐ Land Farming ☒ Land Spreading ☐ Disposal Facility ☐ Other:

BEST IMAGE
AVAILABLE

NOTE: The use of an earthen pit for recompletion fluids requires a pit permit (Rule 905b).

CASING AND CEMENTING PROGRAM

String	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
Surface	12 1/4	8 5/8	24#	440	325	440	
Production	7 7/8	5 1/2	15.5#	5200	100	5200	Surface
	/	/					
	/	/					
			Stage Tool				

34. BOP Equipment Type: ☒ Annular Preventor ☐ Double Ram ☐ Rotating Head ☐ None

35. Comments, if any: MDC Personnel have met with landowner regarding Rule 306.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Mark Shreve

Signed:

Title: President/COO

Date: 2/23/00

OGCC Approved:

Director of COGCC

Date: MAR 06 2000

API NUMBER

05 017 07615 00

Permit Number: 000200

Expiration Date: MAR 05 2001

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ARE SHOWN ON THE BACK OF THIS PERMIT.

Conditions of Approval

Provide 24 hour notice of MIRU to Bob VanSickle at 719-336-2843. If well is a producer provide cement coverage for the Cheyenne and Dakota Formations. If well is a dry hole set plugs at the following depths: 1) 40 sks cement +/-50' above any Spergen zone and/or DST zone. 2) 40 sks cement at 1800'. 3) 40 sks cement at 1500'. 4) 40 sks cement at 1100'. 5) 40 sks cement 1/2 in and 1/2 out of 8 5/8" surface casing. 6) 10 sks cement at top of 8 5/8" csg, cut off casing 4 ft below GL, weld on plate. 7) 5 sks cement in rat hole and mouse hole.

	QTR	QTR	SEC	TWNS	RANGE	PM	NAME	DEPTH	TPERF	BPERF
A	SE	SW	12	160S	0470W	S	RHOADES BROS INC			
B	SE	NE	14	160S	0470W	S	RHOADES BROTHERS INC.	30		
C	NW	SW	14	160S	0470W	S	RHOADES BROS	27		
D	NE	NE	17	160S	0470W	S	GIBBS E B	80		
E	SE	NE	17	160S	0470W	S	BERGMAN EUGENE S	75		
F	NW	SW	19	160S	0470W	S	OSWALD CHARLES			
G	NW	NW	23	160S	0470W	S	RHOADES CO.			
H	NW	SE	23	160S	0470W	S	RHOADES CO.			
I	NW	SE	23	160S	0470W	S	RHOADES CO.	35		
J	SE	SW	23	160S	0470W	S	MCKEEVER IRA	39		
K	NE	NW	24	160S	0470W	S	RHOADES BROS	48		
L	NE	NW	25	160S	0470W	S	BOWEN C B			
M	SW	SE	25	160S	0470W	S	GOLDEN RULE RANCH INC.	50		
N	SE	NW	27	160S	0470W	S	BATTERTON DAVID	35		
O	SW	NE	30	160S	0470W	S	POLLREIS PAUL	53		
P	NW	NW	35	160S	0470W	S	OSWALD TED	69		
Q	NW	NW	35	160S	0470W	S	OSWALD TED	71		
R	NE	SW	36	160S	0470W	S	OSWALD CHARLES			
S	NW	SW	36	160S	0470W	S	CO BOARD LAND COMM			
T	NW	NE	01	170S	0470W	S	BATTERTON DAVID	45		

Letter=Choice | F10=Mark 1 | PgUp/PgDn=±20 | UpAr/DnAr =±1 | Esc=Quit

IN SEC 32 SW SE

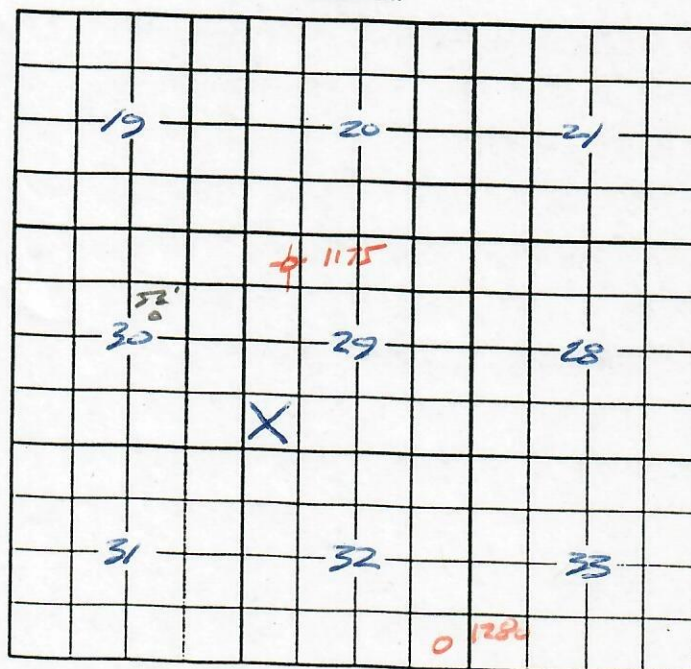
DAK 1280'-1505'

CH#8 1610'-1710'

0 = WATER WELL

OIL AND GAS WELL/WATER WELL

BASE PLAT



DAK 1190-1795

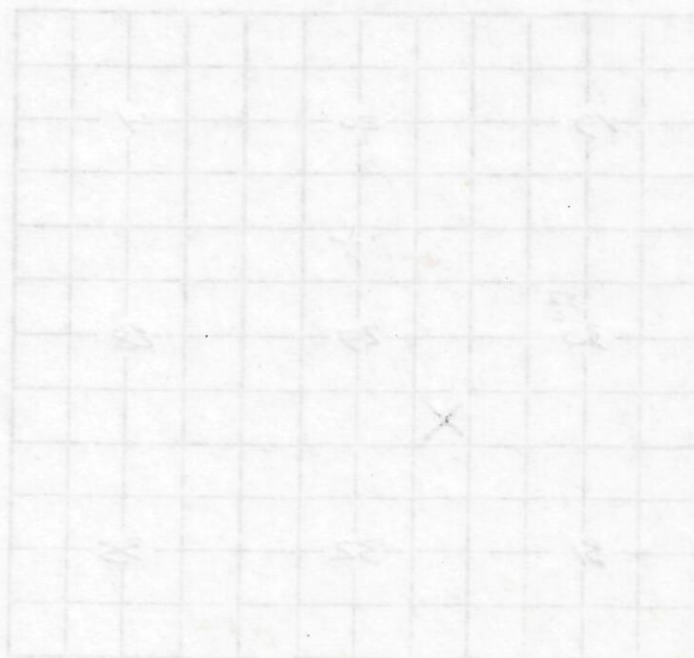
CH#8 1500-1660

Temple 1-29

LOCATION: SW1/4 OF SW1/4 OF SEC. 29, T.16S., R.47W. (600 SSL, 632 WSL)

Ground Elevation: 4175 feet

SURFACE	ELEVATION (ft)	DEPTH TO (ft)
TOP OF DAKOTA	2986	1189
BASE OF DAKOTA	2780	1395
TOP OF CHEYENNE	2674	1501
BASE OF CHEYENNE	2514	1661



CONFIDENTIAL

Schlumberger

DL/LDT/CNL/ML-GR COMBINATION

COMPANY UNION PACIFIC RESOURCES COMPANY

WELL #1 G & C TEMPLE 11 29

FIELD WINDCAT

COUNTY CHEYENNE STATE COLORADO

COUNTY CHEYENNE
FIELD WINDCAT
LOCATION NW/4W
WELL #1 G & C TEMPLE 11 29
COMPANY UNION PACIFIC RESOURCES COMPANYLOCATION
660' FNL & 100' FNL
AM SERIAL NO. 050170718
SECT. 29
TWP. 16S
RANGE 47WPermanent Datum
Log Measured From KELLY BUSHING 10.0 F above Perm. Datum
Drilling Measured From KELLY BUSHING
Date 30 JUL 1991
Run No. ONE
Depth Driller 5245.0 F
Depth Logger (Sch.) 5244.0 F
Blm. Log Interval 5238.0 F
Top Log Interval 498.0 F
Casing Driller 8-5/8" 24 @ 4860 F
Casing Logger 498.0 F
Bit Size 7-7/8"
Type Fluid in Hole CHEMICAL
Visc. 9.5
PH 8.4 C3
Source of Sample MUD PIT
Run @ Meas. Temp. 1520 CHMM @ 75.0 DEGF
Run @ Meas. Temp. 1190 CHMM @ 75.0 DEGF
Run @ Meas. Temp. 1570 CHMM @ 75.0 DEGF
Source: Run @ Meas. Temp. 8/8 CHMM @ 75.0 DEGF
Run @ Meas. Temp. 8/8 CHMM @ 75.0 DEGF
Circulation Ended 0345 30 JUL 91
Logger on Bottom SEE LOGS
Max. Rtc. Temp. 135 DEGF
Equip. Location R270
Recorder By JAMARTIN/K. MOORE
Witnessed By ED MARTIN/JOHN LAABOther Services:
DL/LDT
CNL/ML/GR
HRS
BHC
LOCNET
Elev: K.B. 4185.0 F
D.F. 4184.0 F
G.L. 4175.0 F

The well name, location and borehole reference data were furnished by the customer

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretations made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

Run No.	ONE
Service Order No.	863180
Drilling Fluid Level	0.0 F
Salinity	500.0 PPM
Rmt @ BHT	687 OHMM @ 135. DEGF
Rmo @ BHT	1907 OHMM @ 135. DEGF
Logging Speed	1800.0 F/HR
EQUIPMENT DATA	
Tool Number 1	TCC-BB 182
Tool Number 2	SGC-SA 585
Tool Number 3	PCC-HA 81
Tool Number 4	PCM-A 87
Tool Number 5	CNC-HA 424
Tool Number 6	CNB-AB 3140
Tool Number 7	NSR-F 2639
Tool Number 8	DRS-B 3869
Tool Number 9	NSC-E 2430
Tool Number 10	PDH-L 784
Tool Number 11	PGD-G 2749
Tool Number 12	OSR-J 1750

REMARKS:

TOOLS: DIC-DA 1094; DIS-EA 391; TCM-AB 81; IEM-BD 1353;
1.6" STANDOFF RAN ON DIL
BOWSPRING RAN ON CNL
DIL/LDT/CNL/ML-GR RAN IN COMBINATION

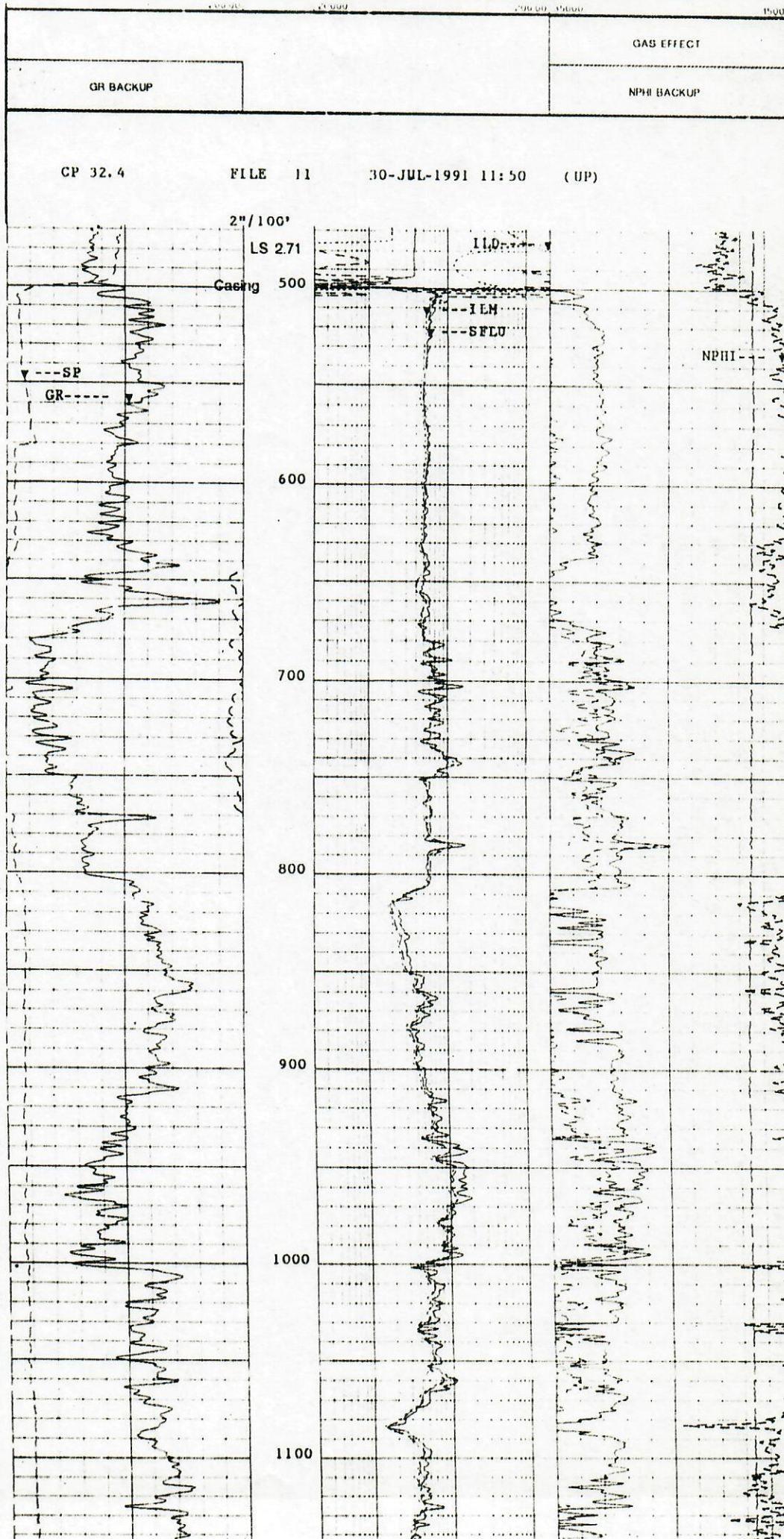
PIG: MURFIN #14

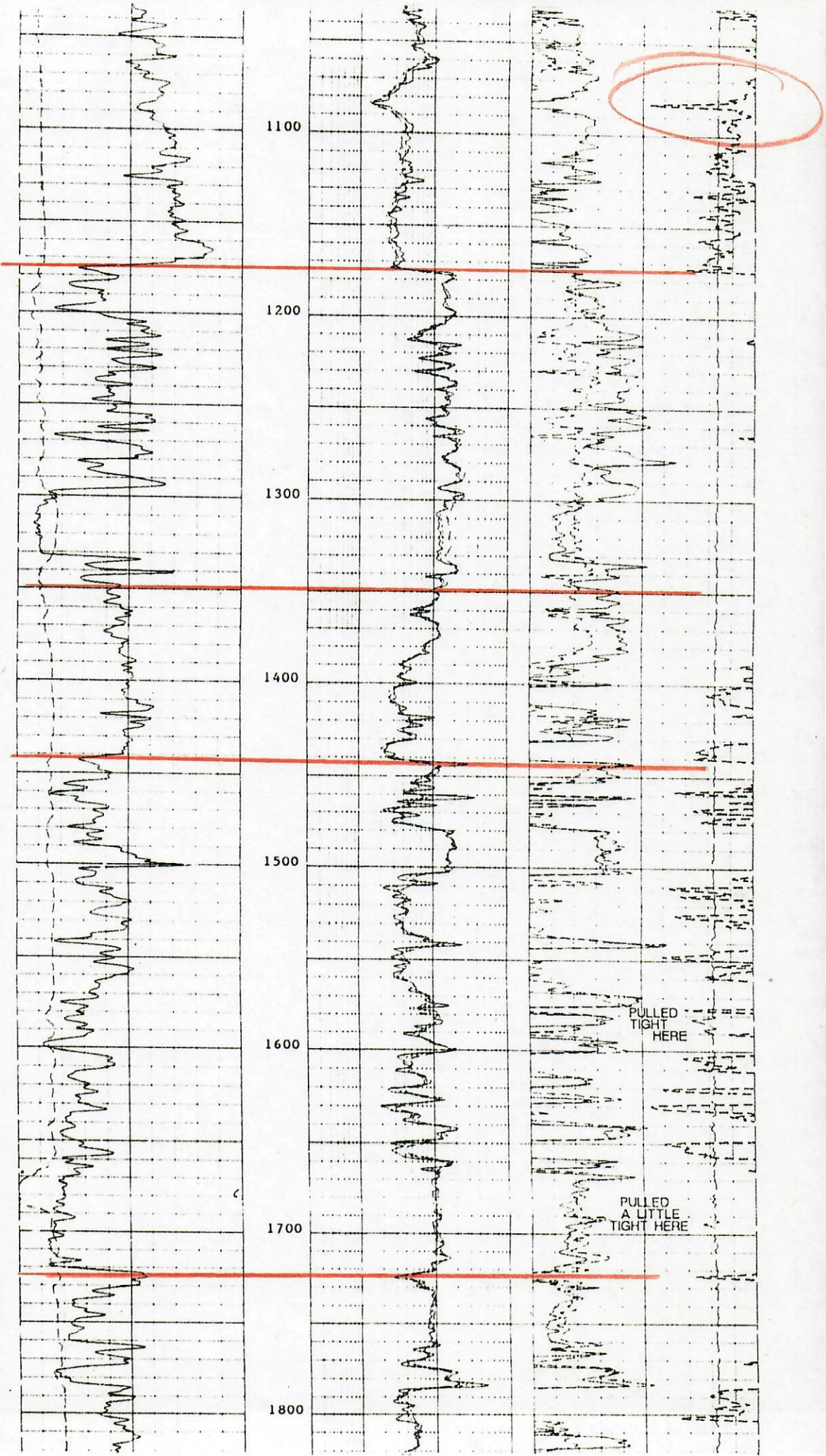
ACCUMULATED INTEGRATION VALUES SUMMARY:

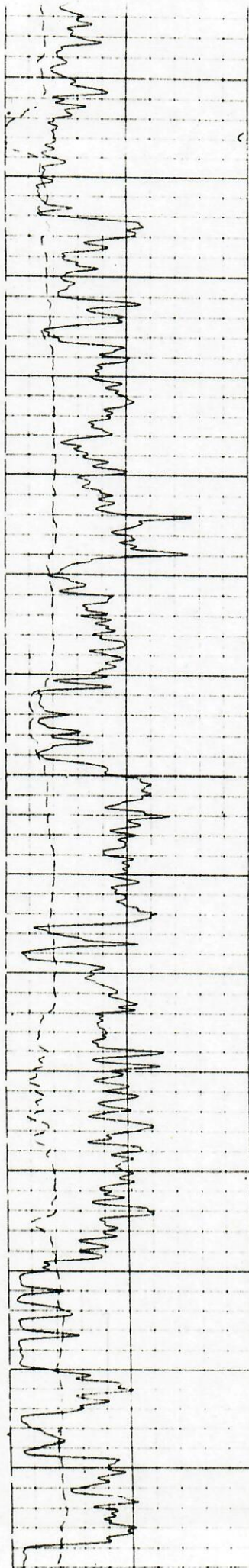
IHV: 2829.69 F3 FROM 5250.50 F TO 468.000 F
ICV: 2040.69 F3 FROM 5250.50 F TO 468.000 F

CHANGED PARAMETERS

NAME	VALUE	UNIT	DEPTH (F)	NAME	VALUE	UNIT	DEPTH (F)
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1700

1800

1900

2000

2100

2200

2300

2400

