CONFIDENTIAL

FORM 925179 Rev. (04/81)

Dresser Atlas

DRESSER

Caliper Log

FILE NO.

API NO.

5" = 100'

COMPANY GEO OPERATOR CORPORA

WELL NEWBERRY #1

FIELD NEWBERRY

COUNTY DESCHUTES STATE OREGON

RECEIVED - PTLD
MAR 13 1986
DEPT. OF GEOLOGY & MINERAL INDUS

LOCATION: 3600' W. & 2758' N. OF S.E. CORNER OF:

SEC 25 TWP 22S RGE 12E

Other Services
IEL FRAC
TEMP GR
BHC/AL

Permanent Datum GL Elev. 5840'

Log Measured from GL , 0 Ft. Above Permanent Datum

Drilling Measured from GL

Elev.
KB –
DF –
GL 5840'

Date	11-3-85		11-3-85	
Run No.	ONE		TWO	
Service Order	33975		33975	
Depth — Driller	4550'		4550'	
Depth — Logger	3429'		NOT CHECKED	
Bottom Logged Interval	3427'		1250'	
Top Logged Interval	1786'		462'	
Casing — Driller	4" @ 1800'	@	4.5" @ 465'	@
Casing — Logger	1786'		462'	
Bit Size	3.782"		3.782"	
Type Fluid in Hole	WATER		NONE	
Density and Viscosity	– –		– –	
pH and Fluid Loss	– – cc	cc	– – cc	cc
Source of Sample	NA		NA	
Rm @ Meas. Temp.	– @ – °F	@ °F	– @ – °F	@ °F
Rmf @ Meas. Temp.	– @ – °F	@ °F	– @ – °F	@ °F
Rmc @ Meas. Temp.	– @ – °F	@ °F	– @ – °F	@ °F
Source of Rmf and Rmc	– –		– –	
Rm @ BHT	– @ – °F	@ °F	– @ – °F	@ °F
Time Since Circ.	23 HRS.		27 HRS.	
Max. Rec. Temp. Deg. F.	DID NOT READ T.D. °F		°F	°F
Equip. No. and Location	6406 SAC.		6406 SAC.	
Recorded By:	HINDS		HINDS	
Witnessed By:	MR. DANSART		MR. DANSART	

FOLD HERE

In making interpretations of logs our employees will give Customer the benefit of their best judgment, but since all interpretations are opinions based on inferences from electrical or other measurements, we cannot, and we do not guarantee the accuracy or the correctness of any interpretation. We shall not be liable or responsible for any loss, cost, damages, or expenses whatsoever incurred or sustained by the Customer resulting from any interpretation made by any of our employees.

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT, BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASURMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER ~~INCURRED~~ OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

REMARKS RUN (1)

INTERVAL BETWEEN 3430 & TD AS WELL AS 1788 TO 1250 WERE NOT LOGGED BECAUSE OF HOLE CONDITION.

Remarks: INTERVAL BETWEEN 3430' & TD AS WELL AS 1788' TO 1250' WERE NOT LOGGED BECAUSE OF HOLE CONDITION.

RUN #2 - RECORDED AFTER 4" TUBING PULLED ABOVE 4.5" CASING SHOE.

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
2	1	4CAL	42342	1905	VARIABLE
	1	GR			
	1	TEMP			

CURVE DELAYS

CURVE	DELAY	UNITS
C13	0	FT,IN
C24	0	FT,IN
GR	9,9	FT,IN
CCL	17,0	FT,IN
TEMP	19,6	FT,IN
DTEM	19,6	FT,IN

PARAMETERS

NAME	DEPTH INTERVAL	VALUE	UNITS
O.D.	1249 TO 454	0.000	INCH

DISPLAY SCALE CHANGES

*** NONE ***

COMPANY: G.E.O.

WELL NAME: N NO.1

SERVICE: KC202A

RUN: 2

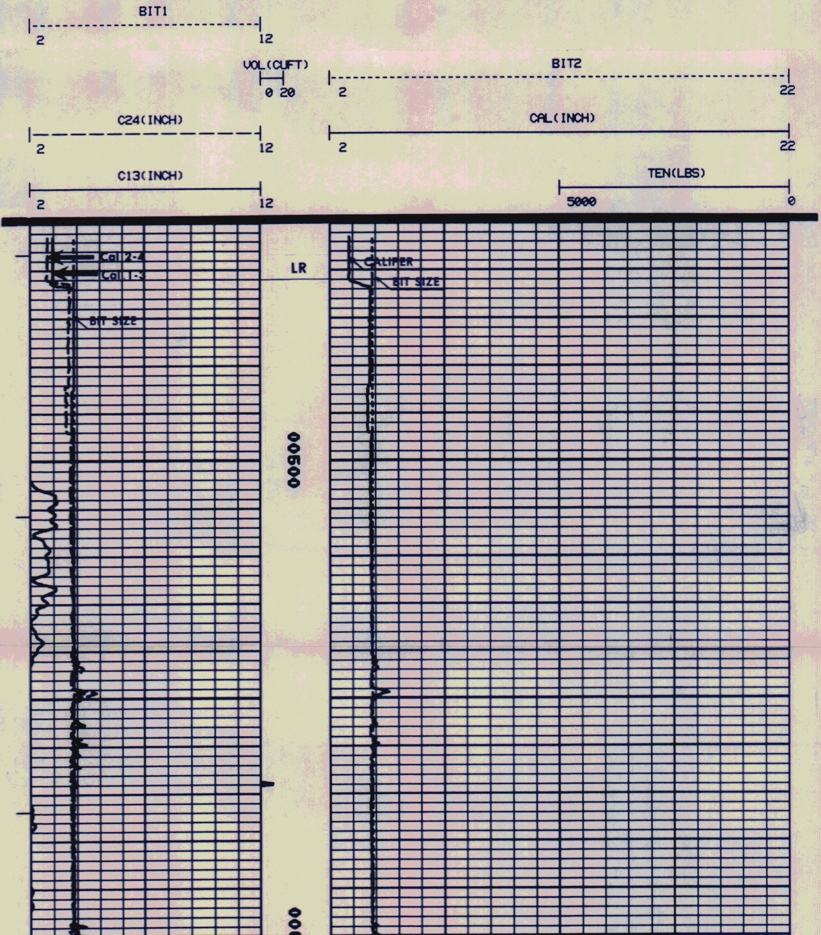
TRIP: 1

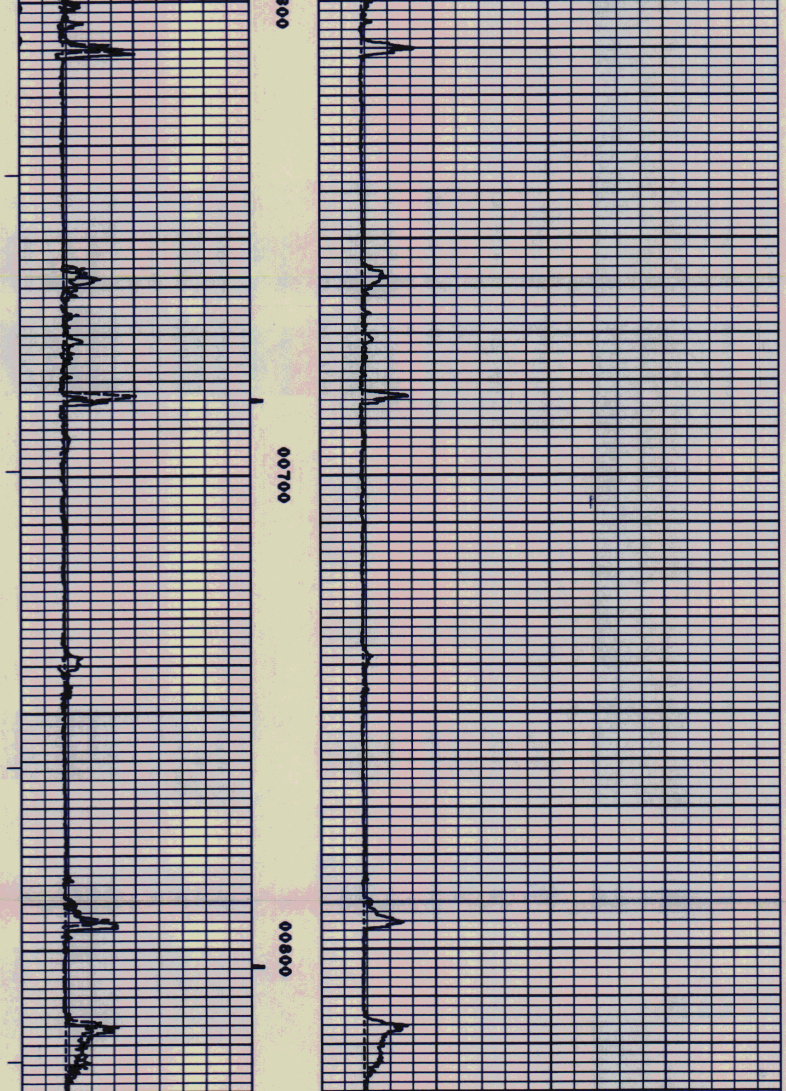
FILE: 4

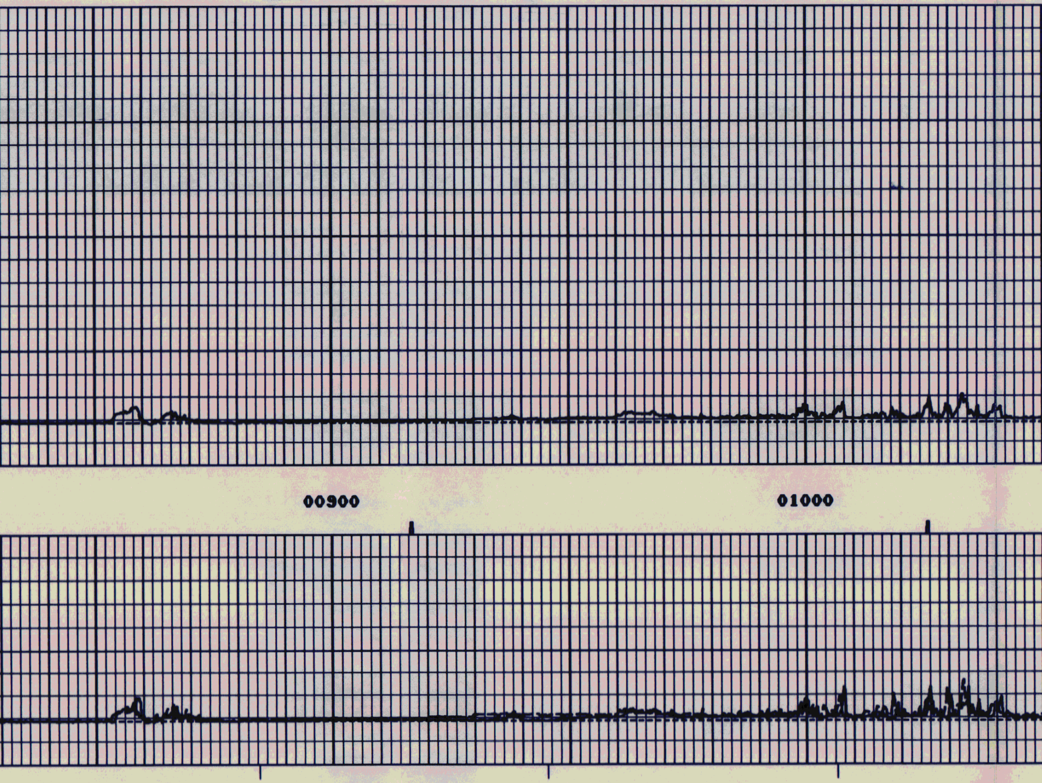
DATE: 11/02/85

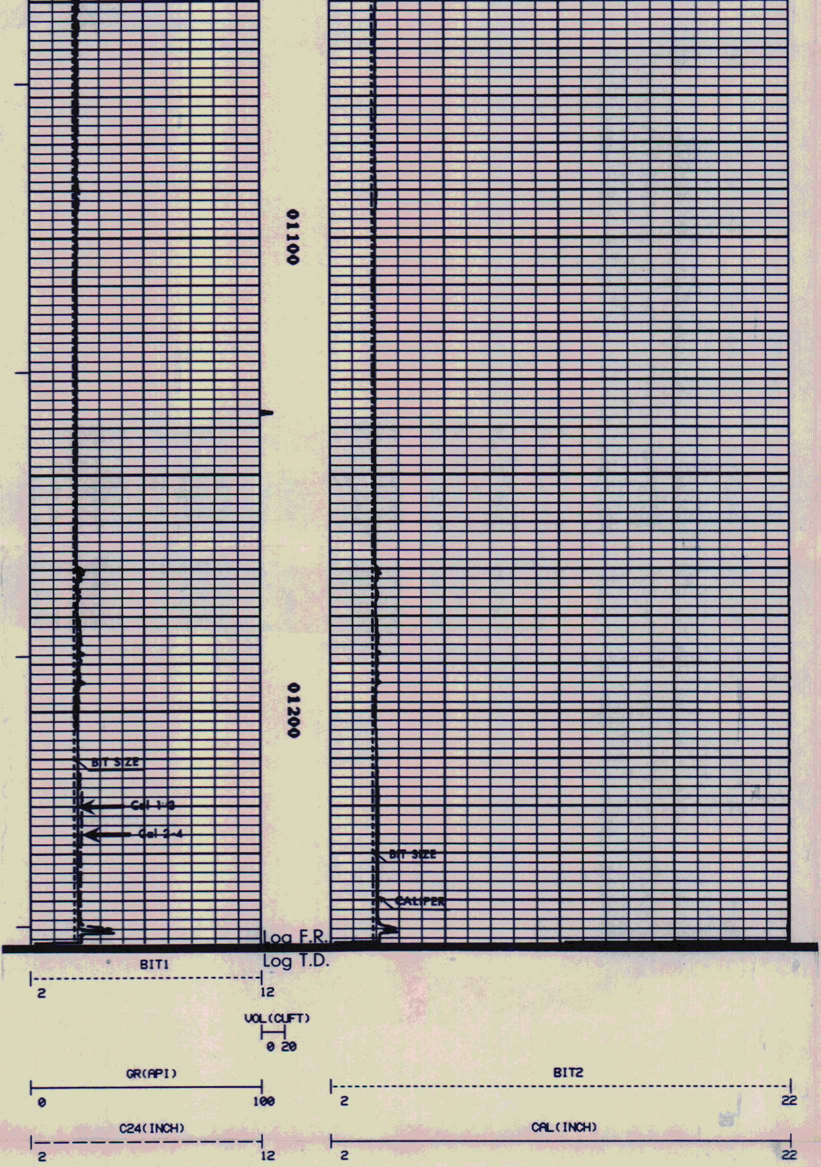
TIME: 08:35:56

REVISION: FSYSAL REV D007 VER 5 MODE: RECORD









C13(INCH)
2 12

TEN(LBS)
5000 0

Company GEO OPERATOR CORPORATION
Well NEWBERRY #1
Field NEWBERRY
County DESCHUTES
State OREGON

Drillers T.D. 4550'
Log F.R. 1250'
Log T.D. NOT CHECKED
Elevations:
K.B. - D.F. - G.L. 5840'

FORM 925343 (10/80)

CURVE DELAYS

CURVE	DELAY	UNITS
C13	0	FT,IN
C24	0	FT,IN
GR	9,9	FT,IN
CCL	17,0	FT,IN
TEMP	19,6	FT,IN
DTEM	19,6	FT,IN

PARAMETERS

NAME	DEPTH INTERVAL	VALUE	UNITS
O.D.	677 TO 453	0.000	INCH

DISPLAY SCALE CHANGES

*** NONE ***

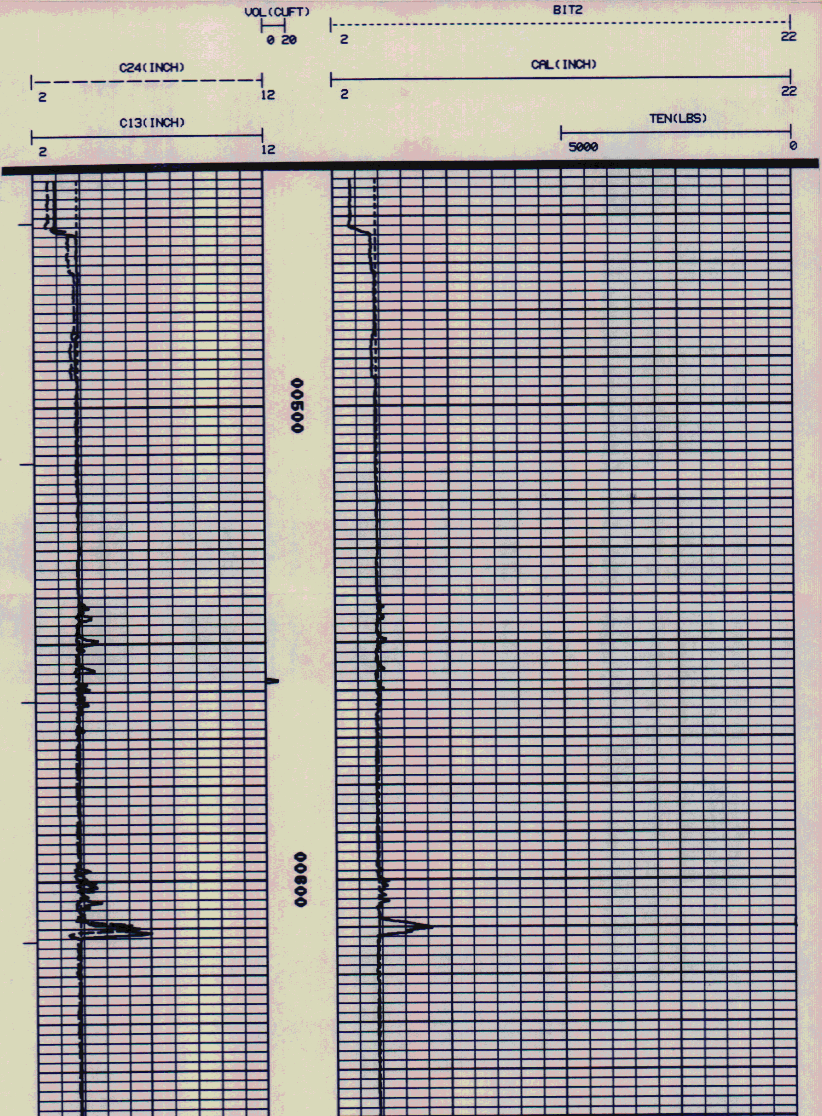
COMPANY: G.E.O.
WELL NAME: N NO.1
SERVICE: KC202A FILE: 5
REVISION: FSYSAL REV D007 VER 5

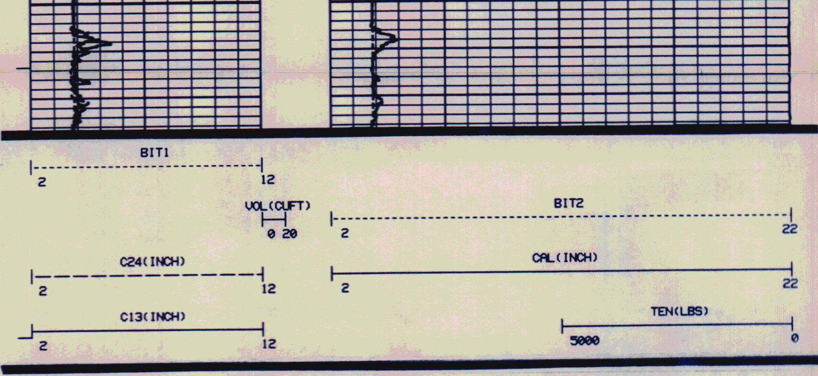
REPEAT SECTION

DATE: 11/02/85

RUN: 2
TRIP: 1
TIME: 08:54:44
MODE: RECORD

BIT1
2 12





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*******************************************
*                                         *
*  CALIBRATION/VERIFICATION SUMMARIES     *
*  DATE 11/02/85           TIME 09:04:35  *
*  RUN  1                  TRIP 1         *
*                                         *
*******************************************


     LOG NAME 4CAL   ASSET NO. 42342    UNIT NO. 6406
 CALIBRATION ENTERED ON 11/02/85 AT 08:23:36

CURVE   MILLIVOLTS      SCALING FACTORS    ENGINEERING VALUES   UNITS
          LOW    HIGH    ADD.     MULT.       LOW         HIGH
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     DATE 11/02/85          CALIBRATION          TIME 01:26:03

C13      366.3   876.9   0.848    0.0143      3.000       6.000 INCH
C24     1242.1  2041.8  -1.659    0.0092      3.000       6.000 INCH

                    PRIMARY VERIFICATION              NOT DONE

     DATE 11/02/85    BEFORE LOG VERIFICATION   TIME 08:50:35

C13      365.5     E     0.848    0.0143      2.995       E     INCH
C24     1099.0     E    -1.359    0.0092      2.763       E     INCH

                    AFTER LOG VERIFICATION            NOT DONE

          *** GR    NOT CALIBRATED ***
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DresserAtlas DRESSER