GL04349_3

FORM 925199 — REV. (1/79)

CONFIDENTIAL

Dresser Atlas

DRESSER

Compensated Densilog

FILE NO.

2" = 100'

COMPANY GEO OPERATOR CORPORATION
WELL PRATI #5
FIELD GEYSERS
COUNTY SONOMA STATE CALIFORNIA

LOCATION: 1259.3' & 104.1' E. OF THE S.W. CORNER OF:

SEC 36 TWP 12N RGE 9W

Other Services
TEMP
ACBL

Permanent Datum GL Elev. 2575'
Log Measured from KB 25 Ft. Above Permanent Datum
Drilling Measured from KB

Elevations:
KB 2600'
DF -
GL 2575'

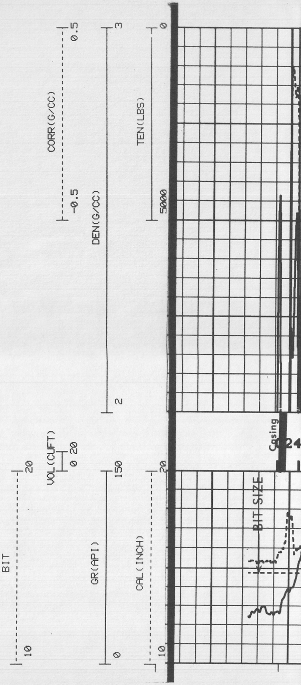
Date	2-24-86			
Run No.	ONE			
Service Order	111396			
Depth—Driller	6491'			
Depth—Logger	6484'			
Bottom Logged Interval	6482'			
Top Logged Interval	2394'			
Casing—Driller	16" @ 2494'	@	@	@
Casing—Logger	2394'			
Bit Size	14 3/4"			
Type Fluid in Hole	LOWLINE			
Density and Viscosity	65 | 50			
pH and Fluid Loss	10.5 | - cc	cc	cc	cc
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	5.65 @62 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	6.65 @60 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	10.5 @60 °F	@ °F	@ °F	@ °F
Source of Rmf and Rmc	M | M			
Rm @ BHT	1.05 @232 °F	@ °F	@ °F	@ °F
Time Since Circ.	8 HRS.			
Max. Rec. Temp. Deg. F.	232 °F	°F	°F	°F
Equip. No. and Location	6406 | SAC.			
Recorded By	M. HINDS			
Witnessed By	MR. WALTERS			

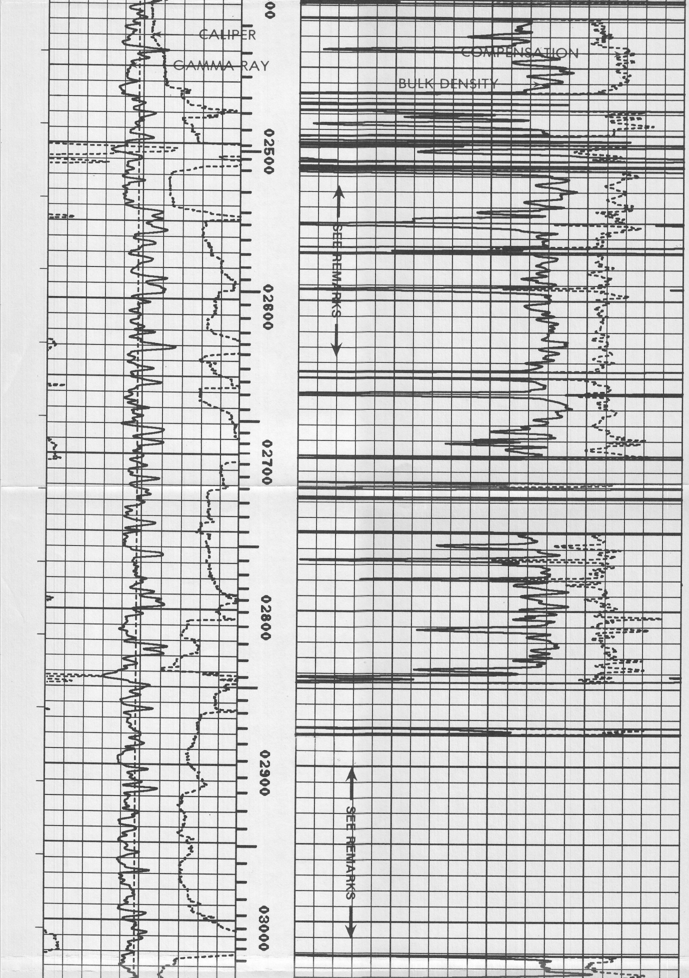
FOLD HERE

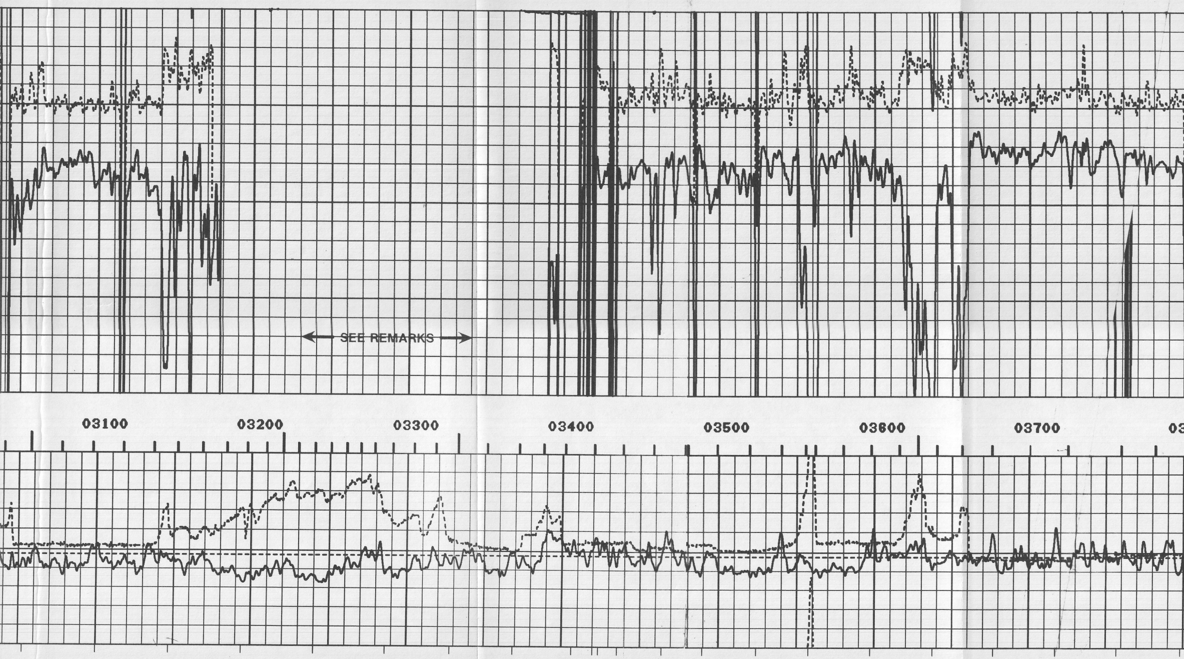
Remarks: ON BOTTOM @ 2340'. DENSITY PROBLEMS WERE DUE TO INTERMITTING SHORT SPACE COUNTS - DIDN'T RELOG INTERVAL 3400' TO CASING BECAUSE OF HOLE CONDITIONS.
REPEAT SECTION WAS RAN BELOW SHOE BECAUSE OF HOLE CONDITIONS.

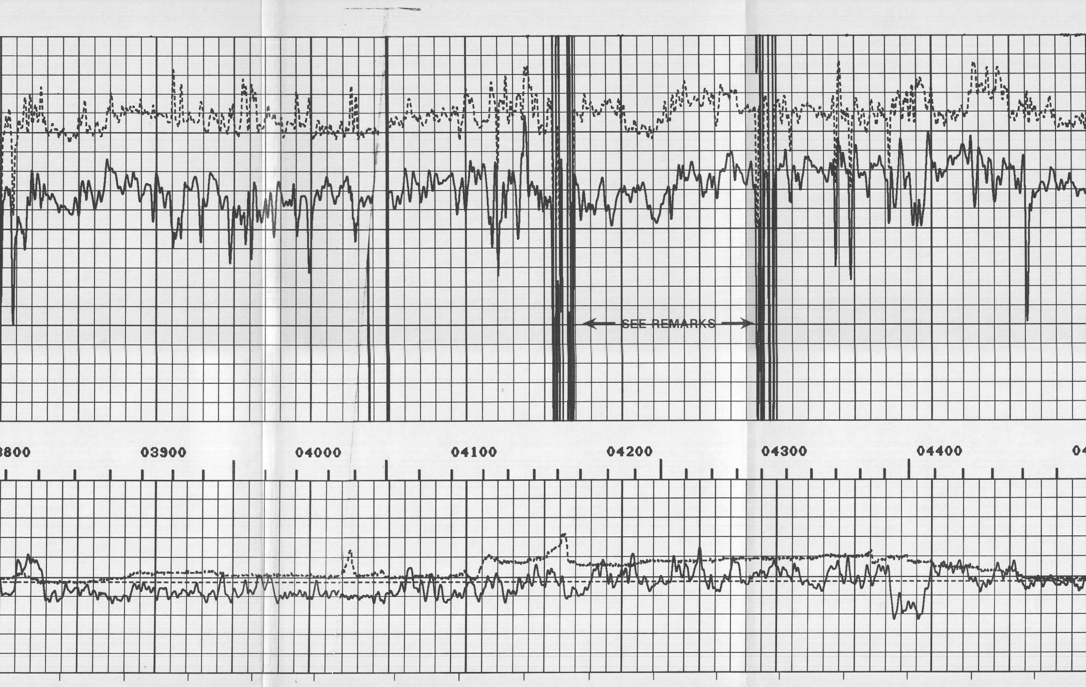
EQUIPMENT DATA

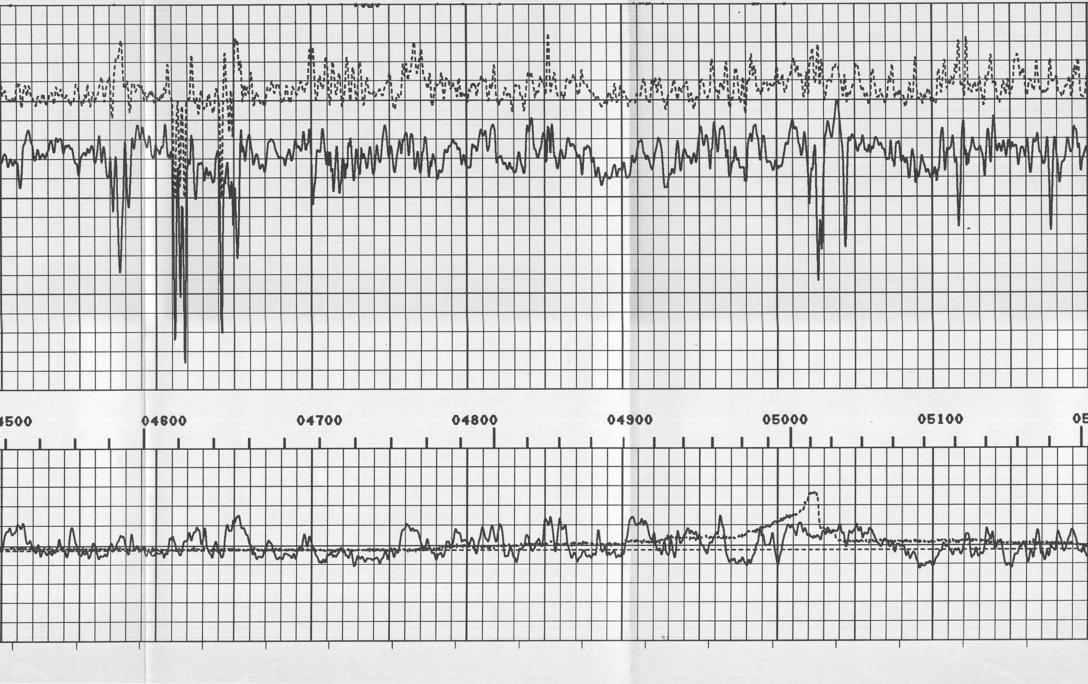
	Run No. 1			Run No. 2			Run No. 3		
	CDL	G/R	Caliper	CDL	G/R	Caliper	CDL	G/R	Caliper
Series No.	2212	1309	2212						
Serial No.	60580	73467	60580						

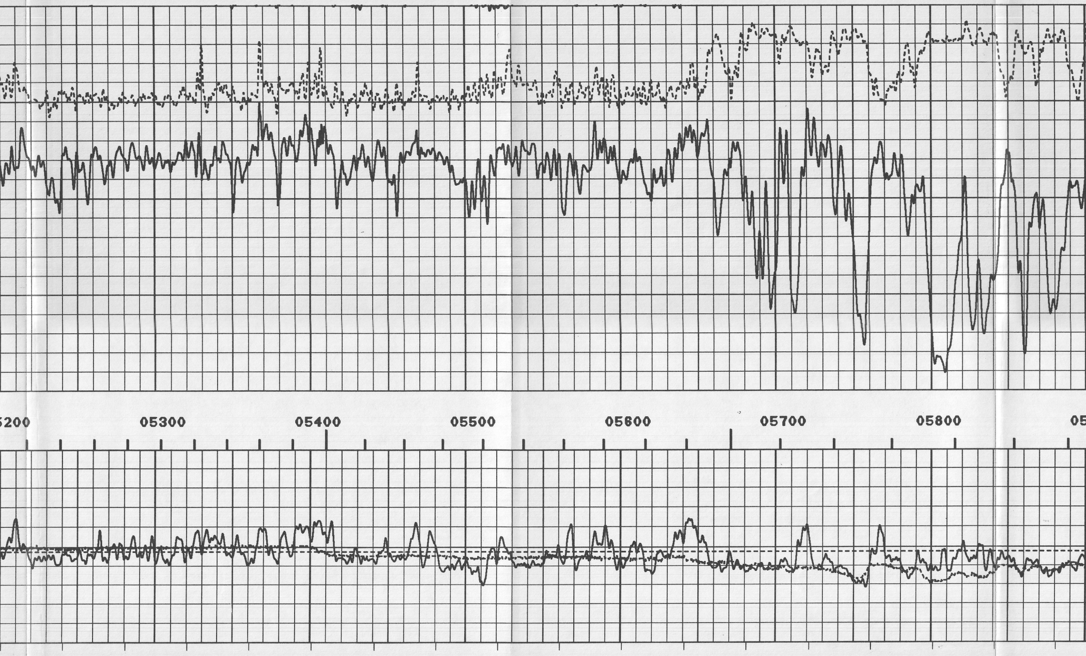


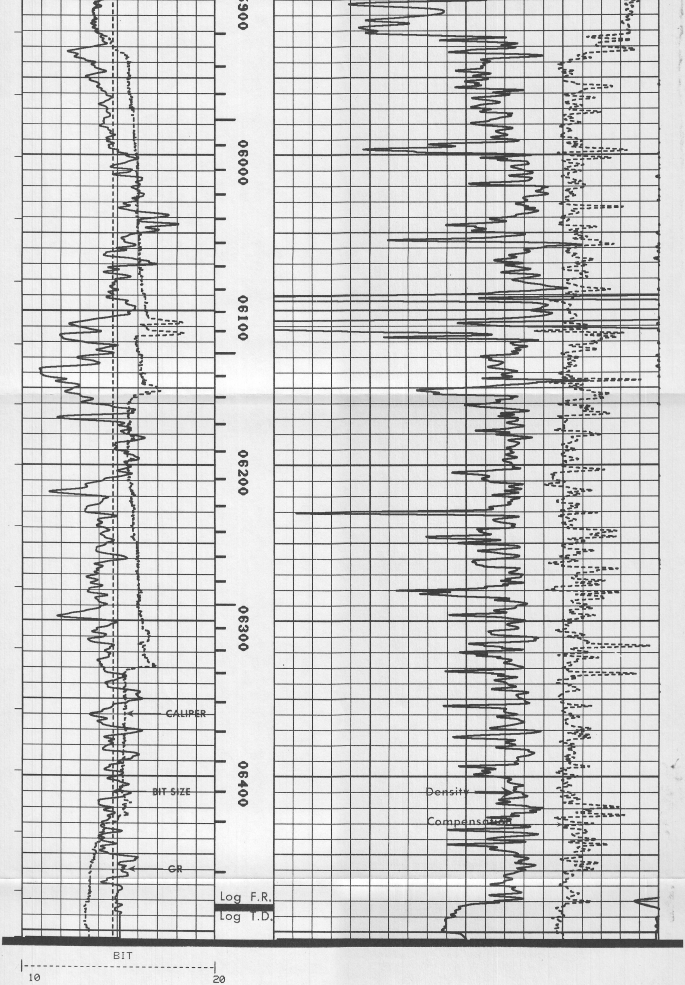












VOL(CUFT)
0 20

CORR(G/CC)
-0.5 0.5

GR(API)
0 150

DEN(G/CC)
2 3

CAL(INCH)
10 20

TEN(LBS)
5000 0

CURVE DELAYS

CURVE	DELAY	UNITS
SSD	0,3	FT,IN
LSD	0	FT,IN
CAL	0,0	FT,IN
SSN	9,6	FT,IN
LSN	10,0	FT,IN
GR	10,0	FT,IN
TTEN	0,0	FT,IN
TEN	0,0	FT,IN
SPD	0,0	FT,IN

PARAMETERS

NAME	DEPTH INTERVAL	VALUE	UNITS
MATRIX	2610 TO 2378	DOLOMITE	
O.D.	2610 TO 2378	11.750	INCH
RHO F	2610 TO 2378	0.000	G/CC
RHO M	2610 TO 2378	0.000	G/CC

DISPLAY SCALE CHANGES

*** NONE ***

COMPANY: G. E. O.
WELL NAME: PRATI NO. 5
SERVICE: KC227D
FILE: 6
REVISION: FSYSAL REV D007 VER 5

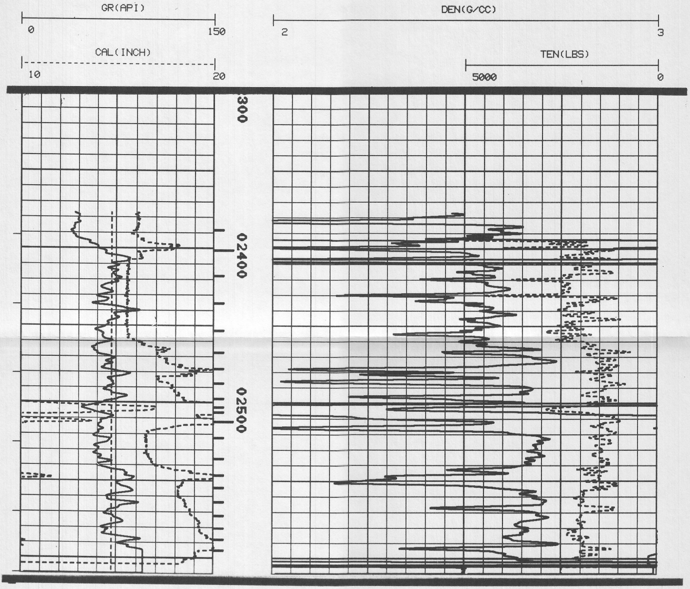
REPEAT SECTION

DATE: 02/24/86
RUN: 1
TRIP: 1
TIME: 01:45:01
MODE: RECORD

BIT
10 20

VOL(CUFT)
0 20

CORR(G/CC)
-0.5 0.5



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                 ******************************************
                 *                                        *
                 *  CALIBRATION/VERIFICATION SUMMARIES    *
                 *  DATE 02/24/86        TIME 02:15:58    *
                 *  RUN  1               TRIP 1           *
                 *                                        *
                 ******************************************


      LOG NAME CDL       ASSET NO. 60580     UNIT NO. 6406
   CALIBRATION ENTERED ON 02/23/86 AT 19:18:49          LARGE TOOL
                          SOURCE NUMBER 676

 CURVE   COUNTS/SEC.     SCALING FACTORS    RATIO    ENG. VALUE  UNITS
          BLOCK  VALUE    ADD.     MULT.    MG/AL
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      DATE 01/13/86          CALIBRATION           TIME 15:48:57

 LSD     MG      145.3
 SSD             311.7
 DEN                                                       2.200  G/CC
 CORR                                                      0.000  G/CC
 LSD     AL       47.7    0.000    1.0000   3.0473
 SSD             211.2    0.000    1.0000   1.4758
 DEN                                                       2.800  G/CC
 CORR                                                      0.000  G/CC
 LSD     MGRV    133.7
 SSD             337.6
 DEN                                                       2.480  G/CC
 CORR                                                      0.235  G/CC

      DATE 01/13/86     PRIMARY VERIFICATION       TIME 16:04:05

 LSD     AL       45.9    0.000    1.0000
 SSD             209.3    0.000    1.0000
 DEN                                                       2.830  G/CC
 CORR                                                      0.010  G/CC

      DATE 02/23/86    BEFORE LOG VERIFICATION     TIME 19:28:25

 LSD     AL       46.0    0.000    1.0000
 SSD             209.9    0.000    1.0000
 DEN                                                       2.833  G/CC
 CORR                                                      0.013  G/CC
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     DATE 02/24/86    AFTER LOG VERIFICATION    TIME 01:53:16

LSD     AL       47.6    0.000    1.0000
SSD             211.1    0.000    1.0000
DEN                                                    2.802  G/CC
CORR                                                   0.001  G/CC


      LOG NAME CAL    ASSET NO. 60580    UNIT NO. 6406
  CALIBRATION ENTERED ON 02/23/86 AT 22:52:36

CURVE   MILLIVOLTS     SCALING FACTORS   ENGINEERING VALUES   UNITS
         LOW    HIGH    ADD.    MULT.       LOW       HIGH
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     DATE 02/23/86        CALIBRATION            TIME 22:52:36

CAL    1171.2  2236.1  -0.649   0.0467      6.500     13.000 INCH

                      PRIMARY VERIFICATION            NOT DONE

     DATE 02/23/86   BEFORE LOG VERIFICATION     TIME 23:12:35

CAL      E     2730.3  -0.649   0.0467      E         16.017 INCH

     DATE 02/24/86    AFTER LOG VERIFICATION     TIME 01:52:40

CAL      E     2703.5  -0.349   0.0467      E         16.153 INCH

           *** CN   NOT CALIBRATED ***


      LOG NAME GR     ASSET NO. 73467D   UNIT NO. H.L. 6406
  CALIBRATION ENTERED ON 02/23/86 AT 19:14:51

CURVE   MILLIVOLTS     SCALING FACTORS   ENGINEERING VALUES   UNITS
         LOW    HIGH    ADD.    MULT.       LOW       HIGH
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     DATE 01/31/86        CALIBRATION            TIME 15:04:08

GR     1254.4  4661.8   0.000   0.1074      0.000    150.000 API

     DATE 01/31/86    PRIMARY VERIFICATION       TIME 15:09:16

GR     1274.5  4701.4   0.000   0.1074     56.108    206.967 API

     DATE 02/23/86   BEFORE LOG VERIFICATION     TIME 19:15:34

GR      716.7  4182.5   0.000   0.1074     31.550    184.124 API

     DATE 02/24/86    AFTER LOG VERIFICATION     TIME 02:10:22

GR     1027.4  4171.7   0.000   0.1074     45.228    183.649 API
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DresserAtlas DRESSER