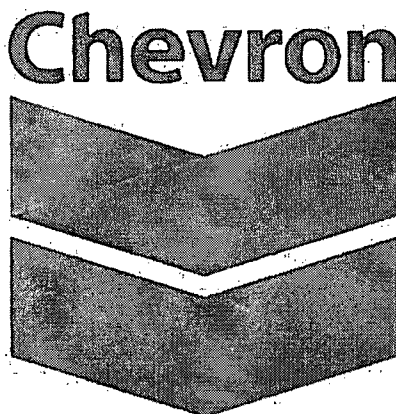


Skeen 2-26-27 State SWD #1
Blue Spark Stimulation
ChevNo: NX4338 API #: 30-015-41744
Operator: Chevron Midcontinent, L.P.
Location: Hobbs County: Eddy
Spud: 12/31/2013 Completion: 3/17/2014
Updated: KVDN 7/29/15, EAU1 7/31/15

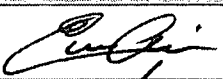
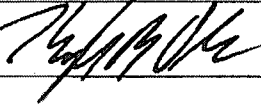
Chevron USA Inc.
Mid-Continent Business Unit



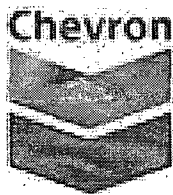
NM OIL CONSERVATION
ARTESIA DISTRICT
AUG 18 2015
RECEIVED

Skeen 2-26-27 State #1 SWD Blue Spark Stimulation

Workover Procedure
Level 1 Well Work - Wireline Stimulation

Title	Name	Signature	Date
Workover Engineer	Bob Hall / Evan Asire		7/31/15
Workover Team Lead	Kyle Olree		7/31/15
Production Engineer	John Taxiarchou		

SD 8/18/15
Accepted for record
M. J. COO



Skeen 2-26-27 State SWD #1
Blue Spark Stimulation
ChevNo: NX4338 API #: 30-015-41744
Operator: Chevron Midcontinent, L.P.
Location: Hobbs County: Eddy
Spud: 12/31/2013 Completion: 3/17/2014
Updated: KVDN 7/29/15, EAU1 7/31/15

The purpose of this project is to simulate the injection intervals in the Skeen SWD using the Bluespark Tool, which is deployed on WL. This procedure is meant to be a guide only. It is up to the WSM, Workover Engineer and Production Engineer to make the decisions necessary to safely do what is best for the well.

Contacts:

Remedial Engineer	Bob Hall	432-687-7471 / 832-763-1161
Production Engineer	John Taxiarchou	432-687-7452 / 281-460-9143
D&C Supt.	Victor Bajomo	432-687-7953 / 432-202-3767
D&C Team Lead	Kyle Olree	432-687-7422 / 307-922-3098
ALCR	Emanuel Jimenez	575-631-9139
Operations Supervisor	Danny Lovell	575-390-0866
Archer Wireline	John Donald	432-634-3644
BlueSpark	Ben Catalano	432-248-1512

Well Status: Active injector

Casing Information:

Conductor Casing: 20" 94# J-55 set at 80'
Surface Casing: 9-5/8" 40# HCK-55 set at 1508' with TOC at surface
Production Casing: 7" 26# C-110 set at 5206' with TOC at surface

Tubing and Rod Information:

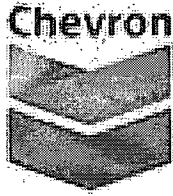
Tubing String: 7" tubing hanger
4-1/2" SSTubing Pup Joint (1.46')
77 jt 4-1/2" 11.6# L-80 tubing
1 5.07" crossover
5 1/2 On-Off tool ID 2.812"
5-1/2" Packer ID 3"
1 3-1/2" Pup Joint 6.12"
4" XN – Nipple ID 2.812
Wireline Guide ID 3"
EOT = 2498.2'

Wellbore Information:

2/2009: 2550-2580, 2632-2688, 2696-2712, 2730-2760, 2856-2890, 3082-3106, 3420-3432, 3584-3600, 3622-3628, 3896 -3920, 4030-4042, 4084-4104, 4136-4152, 4284-4306, 4706-4716, & 4932-4936
PBTD: 5120'
TD: 5601'

Recent Well History:None

Other Important Information: Blue Spark tool must have fluid above it make sure we have 2% KCL on location in case we have to load hole. Gamma Ray tool must be less than 2.75 inches.



**Skeen 2-26-27 State SWD #1
Blue Spark Stimulation**

ChevNo: NX4338 API #: 30-015-41744

Operator: Chevron Midcontinent, L.P.

Location: Hobbs County: Eddy

Spud: 12/31/2013 Completion: 3/17/2014

Updated: KVDN 7/29/15, EAUI 7/31/15

Pre-work:

1. Utilize the rig move check list and complete electric line route survey with FMT.
2. Check anchors and verify that a pull test has been completed in the last 24 months.
3. Ensure location of & distance to power lines is in accordance with MCBU SWP. Complete an electrical variance and RUMS if necessary.
4. Ensure that location is of adequate build and construction.
5. **Ensure that elevators and other lifting equipment are inspected. Calliper all lifting equipment at the beginning of each day or when sizes change.**
6. When NU anything over and open wellhead (EPA, etc.) ensure the hole is covered to avoid dropping anything downhole.
7. Review H2S calculation radius of exposure.
8. Review JSA and identify hazards with crew. Visually inspect wellhead, casing, and tubing valves. Decide whether tubing and casing valves can be used or replaced as needed. Isolate hazardous energy. Bleed down well as necessary.
9. Any equipment installed at the wellhead (ID) is to be visually inspected by the WSM to insure that no foreign debris or other restrictions are present.
10. If wireline is to be used (I.e. perforating guns, collar locator, or logging tools) tools need to be callipered and reported on the daily WellView report.
11. Capture image of wellhead and tree rig up. Send to workover engineer prior to workover operations.

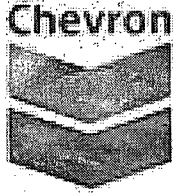
Expense Delegation: All expenses for this operation will be charged to the lease cost center number.

Cost Center: UC000LYCX

Procedure:

1. Mobilize Blue Spark tool and Archer WL. NU WL lubricator and test to 250/500 psi. Establish exclusion zone around WL unit and equipment. Load well down tubing with 2% KCI water to top off.
2. RIH with 2.75" gauge ring and weight bar to 2550', or past the end of the tubing/packer, then POOH.
3. RIH with a Gamma Ray tool and CCL. Run GR tool (tool OD must be less than 2.75"; slimhole options range from 1-1/16" to 2.5") from 2700' to 2500', correlating to Baker Hughes GR log dated 1-17-14 (contact workover engineer if additional log strip is needed). POOH with GR tool.

Use new GR/CCL log to correlate additional runs.



**Skeen 2-26-27 State SWD #1
Blue Spark Stimulation**

ChevNo: NX4338 API #: 30-015-41744

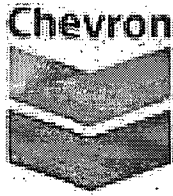
Operator: Chevron Midcontinent, L.P.

Location: Hobbs County: Eddy

Spud: 12/31/2013 Completion: 3/17/2014

Updated: KVDN 7/29/15, EAU 7/31/15

4. RIH with CCL and Blue Spark Tool to stimulate the perforation intervals from top to bottom: 2550-2580, 2632-2688, 2696-2712, 2730-2760, 2856-2890, 3082-3106, 3420-3432, 3584-3600, 3622-3628, 3896 - 3920, 4030-4042, 4084-4104, 4136-4152, 4284-4306, 4706-4716, & 4932-4936 using the recommended Blue Spark SOP. **Ensure fluid level is above Blue Spark tool.**
5. RDMO Archer WL and Blue Spark.
6. Clean location of materials, equipment, trash, and all other miscellaneous items.
7. Notify ALCR and production engineer when workover is complete. Complete Wellwork Transfer of Ownership form and send to ALCR, Operations Manager, and Workover Engineer.
8. Leave job end date open (workover engineer will close out job in WV), but note in WellView on time log *****Final Report*****
9. Ensure all costs for services and equipment related to the job are documented in WellView on the appropriate day. Update wellbore schematic in WellView with full details of all equipment or materials remaining in the hole.



Skeen 2-26-27 State SWD #1
Blue Spark Stimulation
ChevNo: NX4338 API #:30-015-41744
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Spud: 12/31/2013 Completion: 3/17/2014
Updated: KVDN 7/29/15, EAUI 7/31/15

STANDARD GUIDELINES

Maximum Anticipated H₂S Exposures (RRC H9 / NM Rule 36)

All personnel on location must be made aware of each of the following values (values vary by field):

*Maximum anticipated amount of H₂S that an individual could be exposed to is 0 ppm
at the maximum anticipated escape volume (of wellbore gas) of 0 MCF/D
100 ppm Radius of Exposure is 0 feet.
500 ppm Radius of Exposure is 0 feet.*

Elevators

At every tubing size change, the elevators must be calipered and all lifting equipment must be visually inspected for the correct sizing, and rechecked daily. The elevators must also be checked for proper sizing by placing a pony sub in the elevators. Prior to picking up power swivel, caliper and visually inspect elevators and bail on swivel. Checks are to be documented in the JSA and elevator log.

ND/NU

Prior to N/D, N/U operations, if only one mechanical barrier to flow will be in place, visual monitoring of well condition by the WSM is necessary for 30 minutes or more to ensure that the well is static before removing or replacing well control equipment. For all deviations to 2B policy, check that MOC for exemption from 2B policy is in place and applicable. During ND/NU operations with only one barrier to flow in-place, constant visual monitoring of well condition during ND/NU by the WSM is necessary.

Installed Equipment

Any and all equipment installed at the surface on the wellbore is to be visually inspected (internally) by the WSM prior to N/U to the wellhead by the service provider to ensure no debris or other potential restrictions are present. During any NU ops over an open wellhead (BOP, EPA, etc.), ensure the hole is covered to avoid dropping anything downhole.

Hazard ID

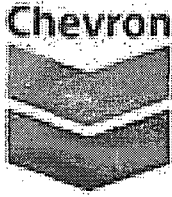
Identify hazards with the crew as they come up during the job. Stop and review and discuss JSAs.

Scale and Paraffin Samples

When removing rods and/or tubing from a well, collect samples of any paraffin and/or scale. When drilling, note, report and sample significant returns of scale or paraffin, or anything other significant returns. Assume that samples that come from different areas/environments in the well are different and require a different sample; e.g. top/bottom of well, inside outside of tubing. Always collect enough sets of samples for both Production and D&C Chemical Reps. Send any samples to Chemical Reps., both for

- 1) Production (many times Baker), as well as for
- 2) D&C (many times PetroPlex).

Discuss D&C's Chemical Rep's recommendations with Engineering, or simply implement as practical.



Skeen 2-26-27 State SWD #1

Blue Spark Stimulation

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Updated: KVDN 7/29/15, EAUI 7/31/15

Trapped Pressure

Recognize whether the possibility of trapped pressure exists, check for possible obstructions by:

- Pumping through the fish/tubular – this is not guaranteed with an old fish as the possibility of a hole above the obstruction could yield inconclusive results
- Dummy run – make a dummy run through the fish/tubular with sandline, slickline, e-line or rods to verify no obstruction. If unable to verify that there is no obstruction above the connection to be broken, or if there is an obstruction:
- Hot Tap at the connection to check for pressure and bleed off
- Observe and watch for signs / indicators of pressure as connection is being broken. Use mud bucket (with seals removed) and clear all non-essential personnel from the floor.

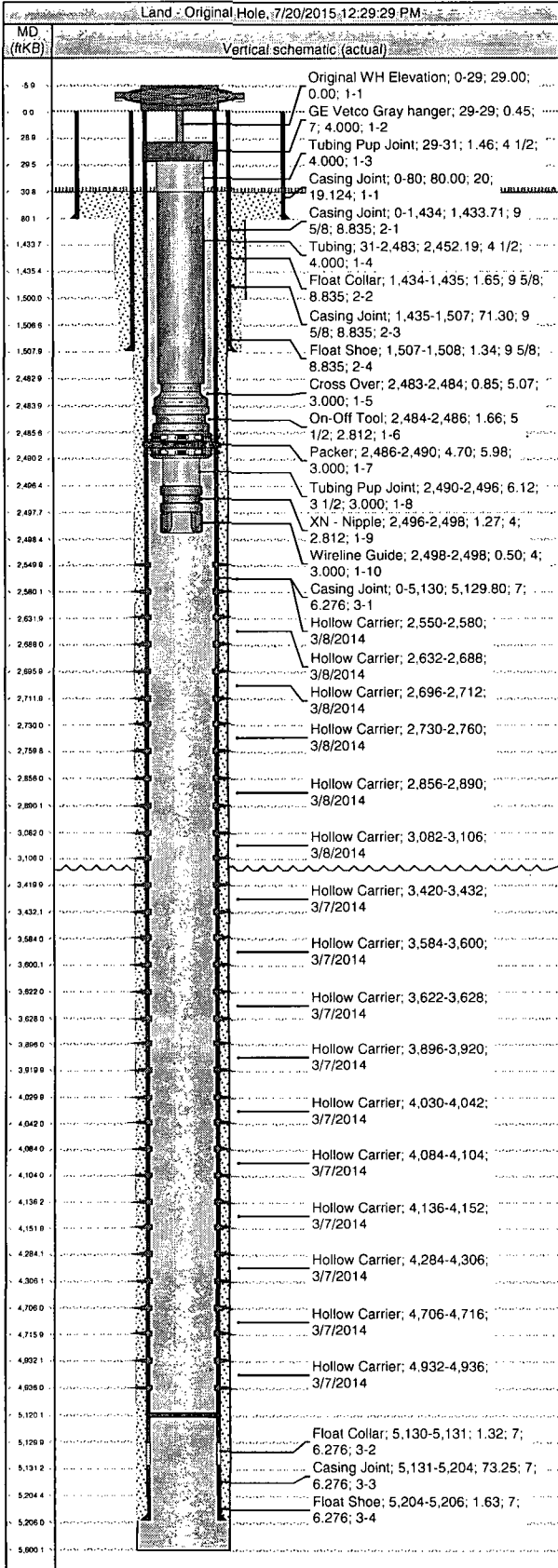
Wireline

For all wireline and slickline jobs (except in new, cemented, tested and unperforated casing) install wireline packoff and lubricator. Follow Standard Guideline for installing equipment over wellhead. Test to 250 psi on the low end, and test on the high end based on SITP or max anticipated pressure. Establish exclusion zone around wellhead area. Observe and enforce radio silence as needed for explosives. All wireline tools are to be calipered and documented on a diagram prior to PU and RIH. This is critical information in the event of fishing operations.



Wellbore Schematic

Well Name SKEEN 2-26-27 ST SWD 001	Lease Skeen 2-26-27	Field Name Delaware River	Business Unit Mid-Continent
---------------------------------------	------------------------	------------------------------	--------------------------------



Job Details						
Job Category		Start Date		Rig/Unit End Date		
Completion		3/3/2014		3/5/2014		
Completion		3/5/2014		3/8/2014		
Completion		3/8/2014		3/11/2014		
Completion		3/11/2014		3/17/2014		
Casing Strings						
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (MD) (ftKB)	
Conductor	20	94.00	J-55		80	
Surface	9 5/8	40.00	HCK-55		1,508	
Production Casing	7	26.00	C-110	cdc	5,206	
Tubing Strings						
Tubing set at 2,498.2ftKB on <dtmrun>						
Tubing Description		Run Date		String Length (ft)	Set Depth (MD) (ftKB)	
Tubing				2,498.20	2,498.2	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)
Original WH Elevation	0	0.0			29.00	29.0
GE Vetco Gray hanger	1	7		Stainless	0.45	29.5
Tubing Pup Joint	1	4 1/2	11.60	Stainless	1.46	30.9
Tubing	77	4 1/2	11.60	L-80	2,452.19	2,483.1
Cross Over	1	5.07			0.85	2,484.0
On-Off Tool	1	5 1/2		Nickle plate	1.66	2,485.6
Packer	1	5.98		Nickle plate	4.70	2,490.3
Tubing Pup Joint	1	3 1/2	9.30	L-80 Nickle plate	6.12	2,496.4
XN - Nipple	1	4		Nickle plate	1.27	2,497.7
Wireline Guide	1	4			0.50	2,498.2
Perforations						
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion	
3/8/2014	2,550.0	2,580.0	6.0	180	Bone Spring, Original Hole	
3/8/2014	2,632.0	2,688.0	6.0	336	Bone Spring, Original Hole	
3/8/2014	2,696.0	2,712.0	6.0	96	Bone Spring, Original Hole	
3/8/2014	2,730.0	2,760.0	6.0	180	Bone Spring, Original Hole	
3/8/2014	2,856.0	2,890.0	6.0	204	Bone Spring, Original Hole	
3/8/2014	3,082.0	3,106.0	6.0	144	Bone Spring, Original Hole	
3/7/2014	3,420.0	3,432.0	6.0	72	Bone Spring, Original Hole	
3/7/2014	3,584.0	3,600.0	6.0	96	Bone Spring, Original Hole	
3/7/2014	3,622.0	3,628.0	6.0	36	Bone Spring, Original Hole	
3/7/2014	3,896.0	3,920.0	6.0	144	Bone Spring, Original Hole	
3/7/2014	4,030.0	4,042.0	6.0	72	Bone Spring, Original Hole	
3/7/2014	4,084.0	4,104.0	6.0	120	Bone Spring, Original Hole	
3/7/2014	4,136.0	4,152.0	6.0	96	Bone Spring, Original Hole	
3/7/2014	4,284.0	4,306.0	6.0	132	Bone Spring, Original Hole	
3/7/2014	4,706.0	4,716.0	6.0	60	Bone Spring, Original Hole	
3/7/2014	4,932.0	4,936.0	6.0	24	Bone Spring, Original Hole	
Other Strings						
Run Date	Pull Date	Set Depth (ftKB)	Com			

Version 2.0		WORKOVER - WELL APPROPRIATION - DETAIL OF COST ESTIMATE										Date: 7/31/2015	
		Field / Area:		Hobbs		Well Name:		Skeen 2-26-27 State SWD #1					
Category	Code/SubCode	Code Detail	Description					VENDOR		EXPENSE		CAPITAL	
010	74400001	01000	Rig - Daywork					4	days	0	\$/day		
Rig Costs Total												0	
040	66010100	04000	Company Labor					4	days	1750	\$/day	Company WSM's only	7,000
041	70000200	04100	Contract Labor					0	days	1750	\$/day	Consultant WSM's	0
								0	days	1000	\$/day	DXP Safety Consultant	0
								0	days	1000	\$/day	Welders, Gangs, etc.	0
Supervision Total												7,000	
090	71901900	09000	Drilling Fluids										2,000
100	71900500	10000	Materials, Supply, Repair Parts										1,000
Mud, Materials Total												3,000	
110	73400300	11000	Other Transportation Services		Item	Frac Days	Number of Loads	Cost per load	Total				
					Rig Move		0	\$ 2,500.00	\$ -				
					Water Haul		2	\$ 300.00	\$ 2,400.00				
					MISC.			\$ -	\$ -	2,400			
130	74400007	13000	Drill String Rentals and Bits		Item	Frac Days	Number on Loc.	Cost p.f/p. day	Total				
					Work String		0	\$ 0.08	\$ -	Knight Oil Tools/ chem services			
					Frac String	7	0	\$ 0.12	\$ -	Knight Oil Tools			
					Workover Bits		0	\$ 1,000.00	\$ -	Schlumberger			
					MISC.		0	\$ -	\$ -	0			
140	72300100	14000	Surface / Well Service Equipment Rentals		Item	Frac Days	Number on Loc.	Cost per Day	Total				
			+550		BOPE		0	\$ 800.00	\$ -	D&L Meter			
			+225		Rig Matt		0	\$ 50.00	\$ -	Key/Nabors			
					Envirovat		0	\$ 200.00	\$ -	Envirovat			
					Cool Trailer		0	\$ 150.00	\$ -				
					PUL/D Mach.		0	\$ 1,500.00	\$ -				
					Pipe Racks		0	\$ 50.00	\$ -	Forklift Enterprises			
					Trash Trailer		0	\$ 125.00	\$ -	B&L/TextMex			
			+250		Frac Tanks (e	5	0	\$ 50.00	\$ -	Lobo/Chemical Serv./Key			
					Foam Air	1	0	\$ 10,000.00	\$ -				
					Rev. Unit		0	\$ 1,350.00	\$ -				
					Frac Vlv	6	0	\$ 300.00	\$ -				
					MISC.	1	0	\$ 250.00	\$ -	Forklift			
142	72300200	14200	Well Services		Item	Number on Loc.	Cost per Day	Total					
					PKR Hand	0	\$ 850.00	\$ -					
					PKR Rent	0	\$ 1,000.00	\$ -					
					Pipe Scan	0	\$ 2,000.00	\$ -					
					Hydrotest	0	\$ 1,800.00	\$ -					
					Fisherman	0	\$ 5,000.00	\$ -					
					MISC.	0	\$ 1,300.00	\$ -	Dickey Analytical				
143	74400009	14300	Coil Tubing		Coil Size	Number of Days	Cost per Day	Total					
					2	0.00	\$ 50,000.00	\$ -	0				
141	74400010	14100	Stimulation / Gravel Pack Materials & Service		Frac Per Quote								
					Acid/Scale Squeeze Per Quote, Sand Plugging (Blue Spark)				28,000				
153	74400014	15300	Perforating & Electric Line Services		Perforating/Logging etc.				Archer GR/CCL				
155	74400015	15500	Slickline Services		Injection Profiles/Set & Pull pkr profile plugs, etc.								
Contract Rentals & Services Total												38,400	
150	74200300	15000	Solid Waste Disposal									0	
154	74200600	15400	Waste Water Disposal									0	
Waste Disposal Total												0	
300	71900022	30000	Well Pipe Casing		Description					Cost per Foot			
			Production (Casing)		Size:		Feet:	0	Grade:				
			Liner		Size:		Feet:	0	Grade:				
301	71900021	30100	Well Pipe - Tubing		Description					Cost per Foot			
					Size:	2 7/8	Feet:	0	Grade:		8.64		
					Size:		Feet:		Grade:				
310	71900100	31000	Well Equipment		Description					Cost			
			Materials		Materials, Supply, Repair Parts					0			
			TAC		Well Equipment (Production Equipment; pump, polish Rod, TAC, Proudtion BHA)					0			
311	71900110	31100	Xmas Tree		Wellhead/Xmas Tree							0	
			Wellhead		Referb/Rebuild							0	
530	71500100	53000	Submersible Pumps & Equipment		Description					Cost			
			Surface Lifting Equip										
			Rod String		Size:	3/4"	Feet:	0	Grade:		3		
					Size:		Feet:		Grade:				
			Injection Pkr. (Downhole Eqpt Rental		Size:						0		
			Well Pump:		Size:	Well Equipment (Production Equipment; pump, polish Rod, Production BHA)				0			
			Other: (Unclassified Expense)		Size:	Surface Lifting Equipment And Materials				0			
Tubulars & Lifting Equipment Total												0	
320	74400024	32000	Cement & Cementing										
			Remediation		bbls:	Sacks:							
Cement Total												0	
400	74400025	40000	Fishing Costs									0	
540	74500021	54000	Site Work / Roads / Locations		Location Anchor Testing / Location Work for Frac / Road Work							0	
010	74400001	01000	Contingency									0	
930	94100700	93000	Capitalized G&A									12.5%	0
Total Cost Estimate										48,400		48,400	



COMPENSATED Z-DENSILOGSM
COMPENSATED NEUTRON LOG
DIGITAL SPECTRALOG[®]
GAMMA RAY LOG

FILE NO. MD: C844	COMPANY CHEVRON USA INC
API NO. 30-015-41744	WELL SKEEN 2 SWD #1
	FIELD SWD BRUSHY CANYON
	COUNTY EDDY
	STATE NEW MEXICO
Ver. 3.87 FINAL PRINT	LOCATION: 400' FSL & 1200' FWL
	OTHER SERVICES RTEX/DMLL B-CAL
	SEC 2 TWP 26S RGE 27E
PERMANENT DATUM LOG MEASURED FROM DRILL. MEAS. FROM	G.L. ELEVATION 3218 FT K.B. 31 FT ABOVE P.D. KELLY BUSHING
	ELEVATIONS: KB 3249 FT DF GL 3218 FT

DATE	17-JAN-2014	
RUN	TRIP	1 1
SERVICE ORDER	635054	
DEPTH DRILLER	5378 FT	
DEPTH LOGGER	5304 FT	
BOTTOM LOGGED INTERVAL	5247 FT	
TOP LOGGED INTERVAL	200 FT	
CASING DRILLER	9.625 IN @ 1508 FT	
CASING LOGGER	1505 FT	
BIT SIZE	8.75 IN	
TYPE OF FLUID IN HOLE	CUT BRINE	
DENSITY	VISCOSITY	9.1 LB/G 29 CP
PH	FLUID LOSS	11 9 C3
SOURCE OF SAMPLE	CIRCULATION TANK	
RM AT MEAS. TEMP.	0.083 OHMM @ 58.32 DEGF	
RMF AT MEAS. TEMP.	0.062 OHMM @ 58.32 DEGF	
RMC AT MEAS. TEMP.	0.104 OHMM @ 58.32 DEGF	
SOURCE OF RMF	RMC	CALCULATED CALCULATED
RM AT BHT	0.048 OHMM @ 106 DEGF	
TIME SINCE CIRCULATION	12 HOURS	
MAX. RECORDED TEMP.	106 DEGF	
EQUIP. NO.	LOCATION	HL 5707 MIDLAND, TX
RECORDED BY	J. ANTEE	
WITNESSED BY	J. AKIN / J. WHITE	

D00595328

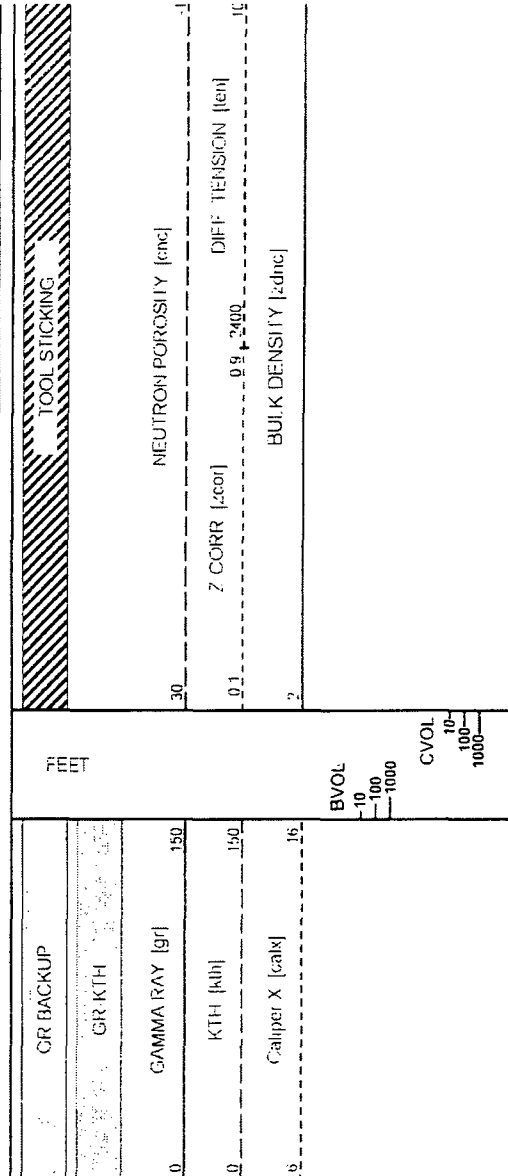
CURVE MEASURE POINT OFFSET

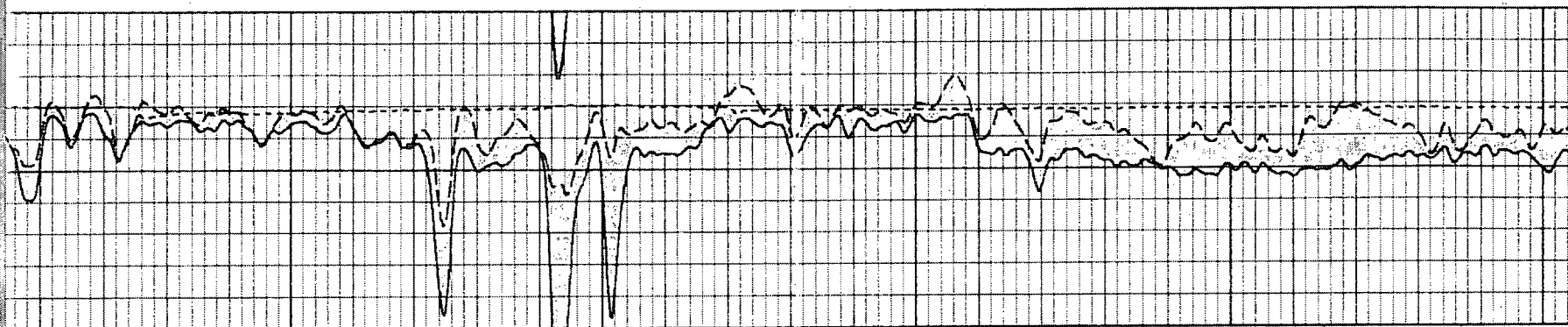
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CALX	50.50	GR	72.75	TEN	0.00
Chc	50.75	KTH	72.75	ZCOR	54.75
				ZDNC	54.75

Presentation Plot Interval : h16707:/dat1a/md10844/zdl-cn-2.fvpdfr [2"/100' Scale]

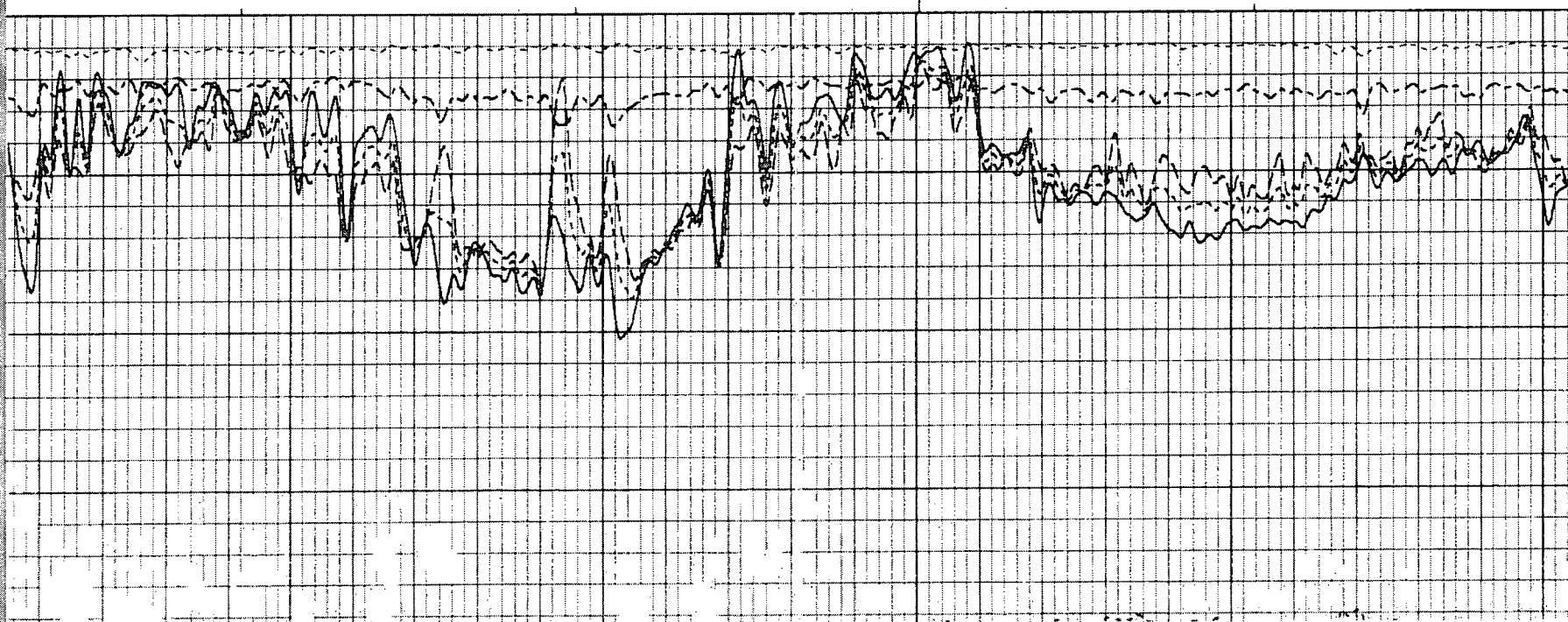
: 185 - 5308 Feet

Data File 1 : h16707:/dat1a/md10844/in87ca02.xtf
Created On : Jan 17 05:37:54 2014
Company : CHEVRON U.S.A. INC
Well : SKEEN 2 SWD 1
Field : SWD BRUSHY CANYON
File Interval : 185 - 5305 Feet
OCT : n87ca

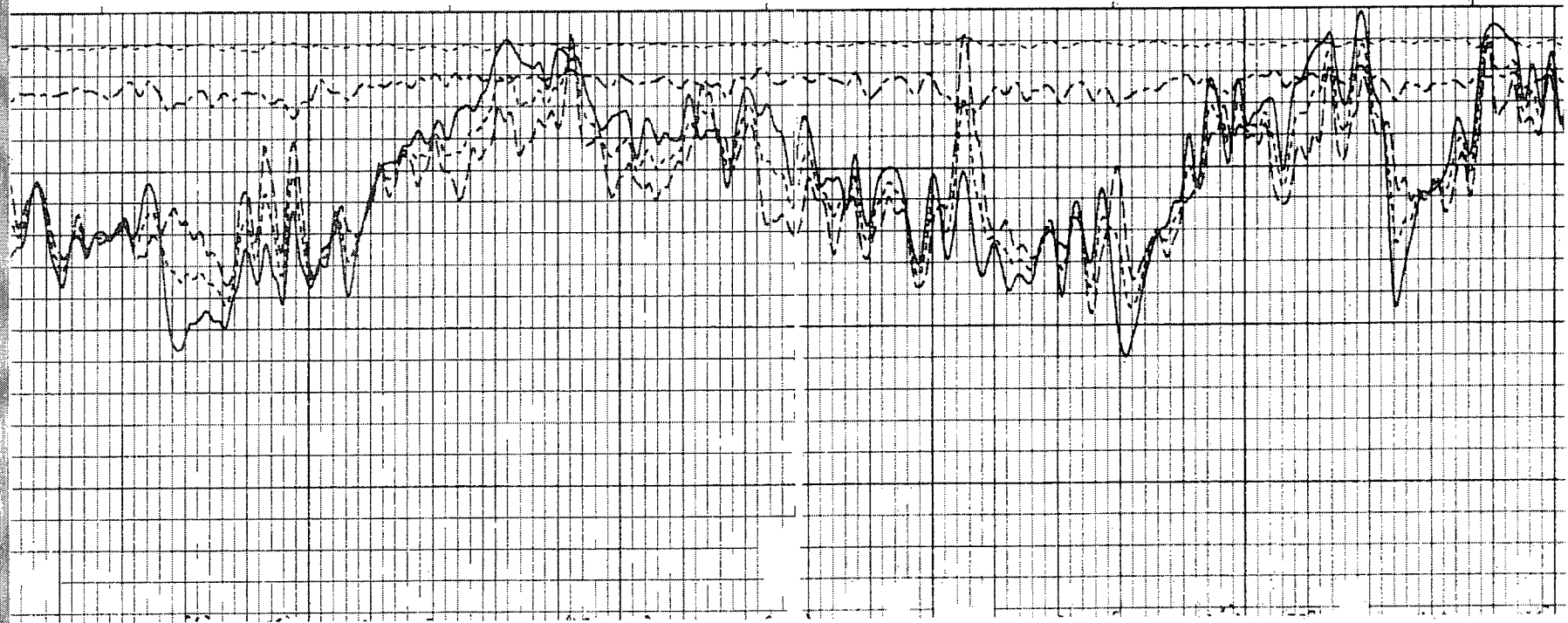
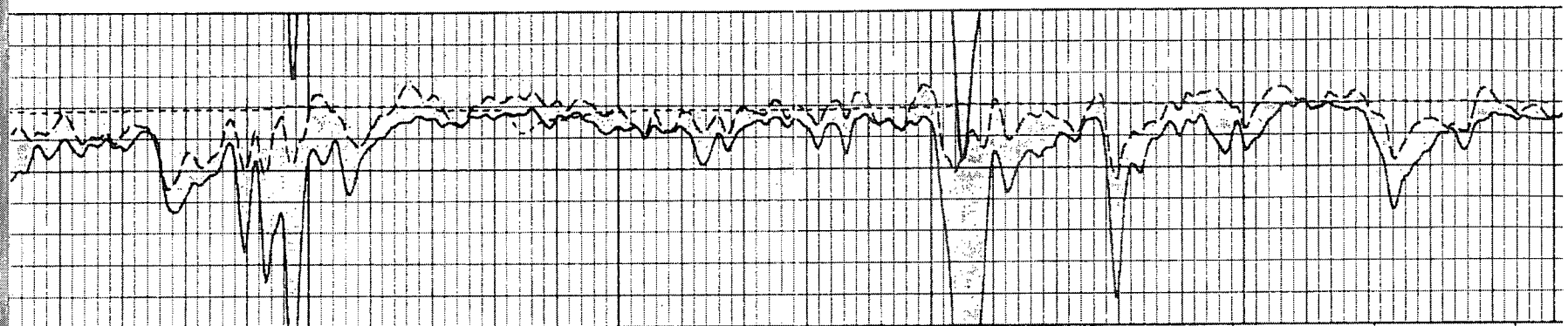




2500
1200



500

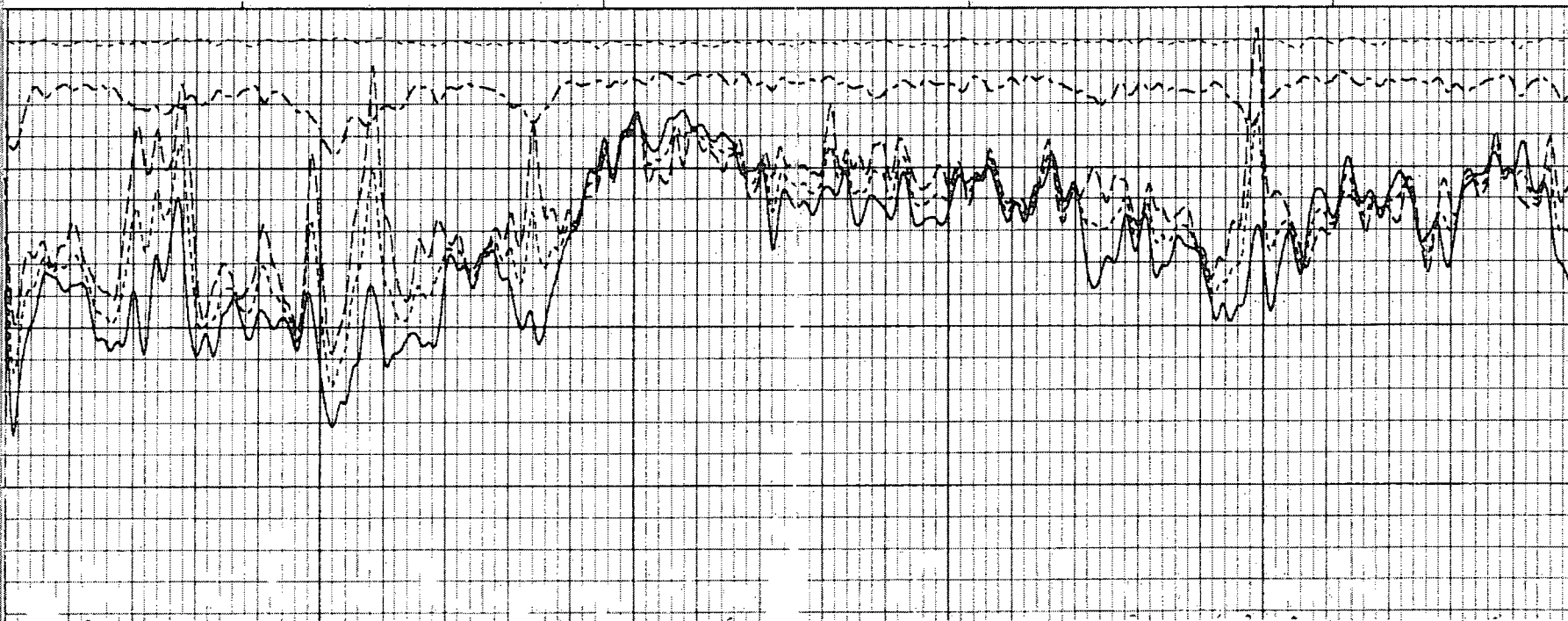
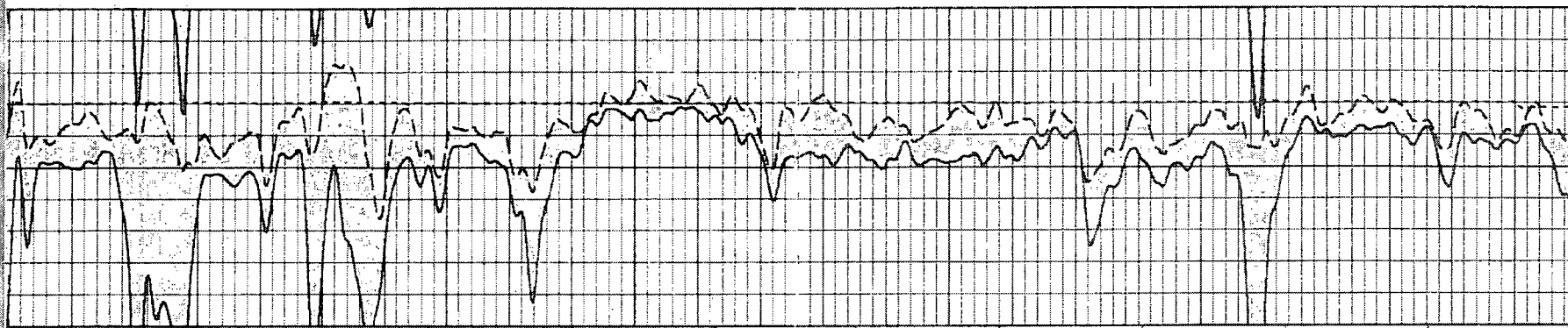


2900

1100

2800

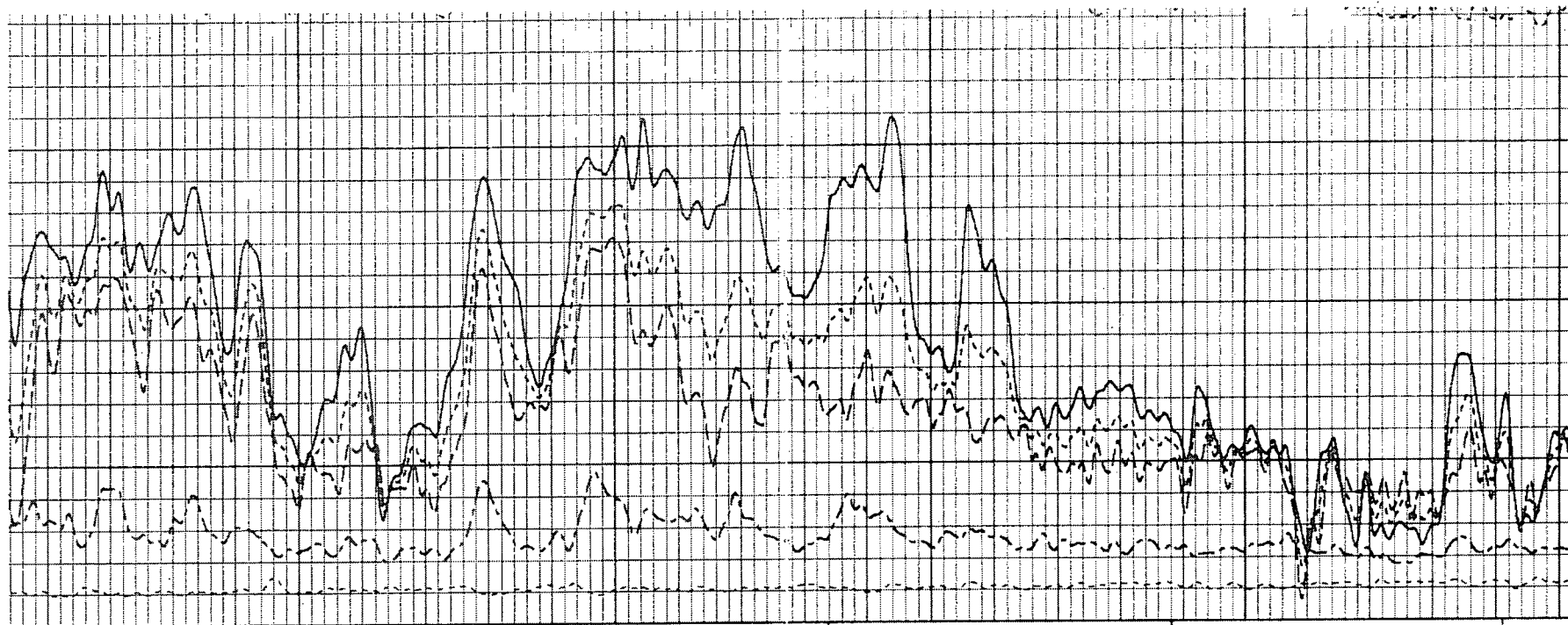
700



100

1000

2000



900

3300

3400

