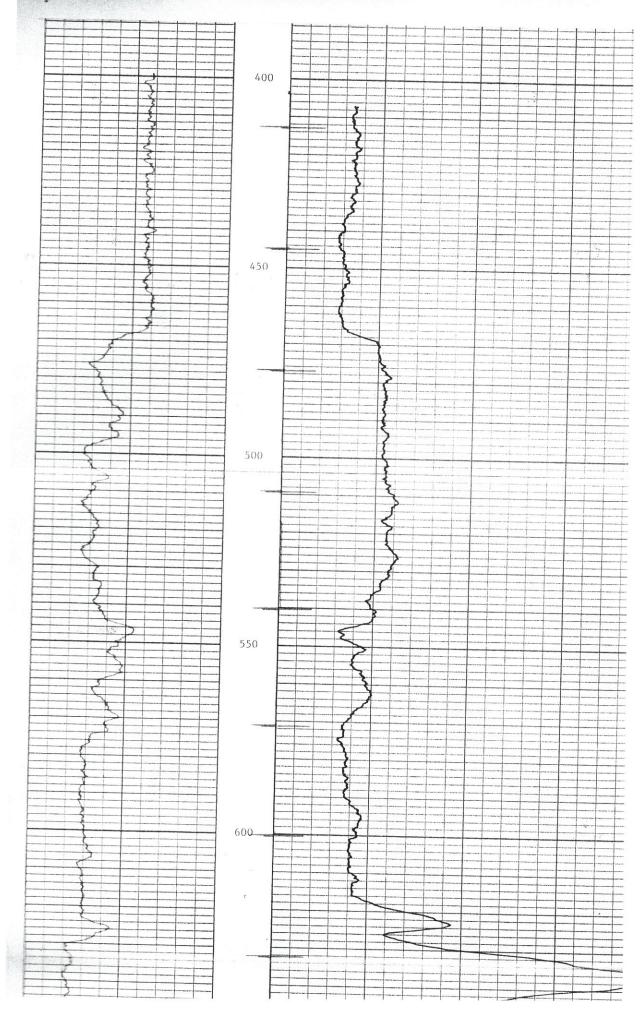
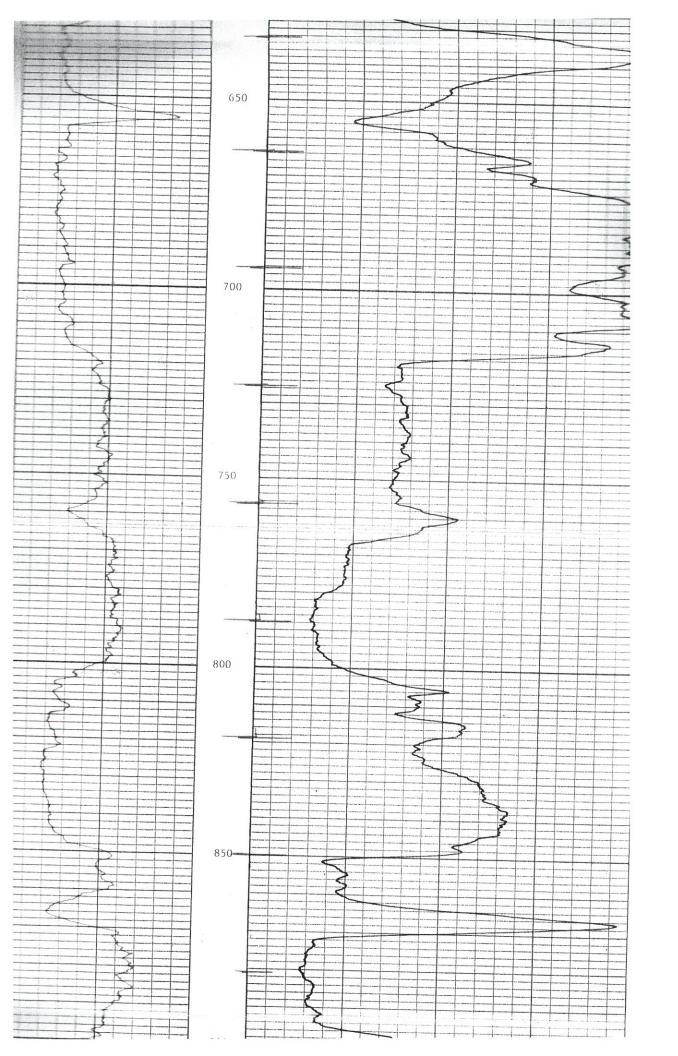
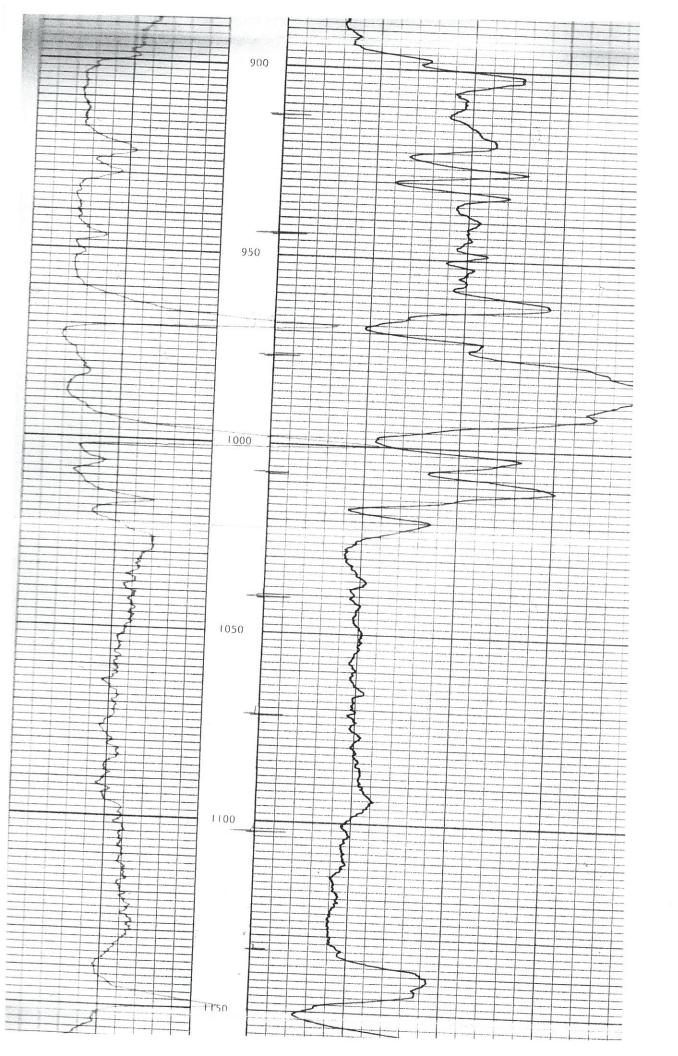
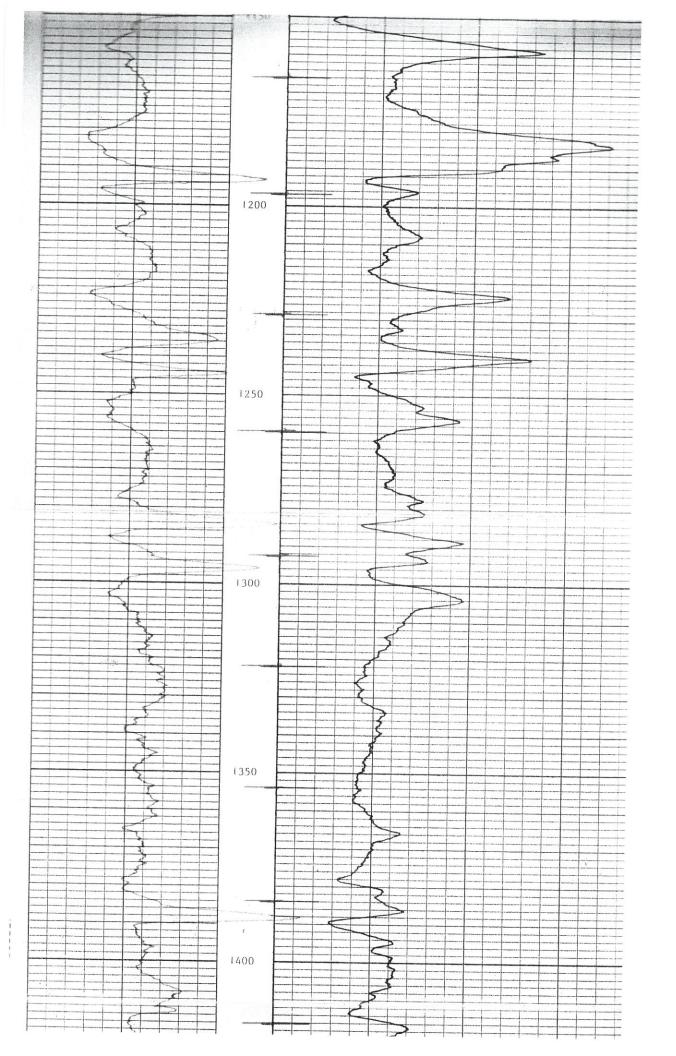
	RUN BORE	WITNESSED BY	MAX REC TEMP, DEG F. OPERATING RIG TIME	DENSITY	SALINITY PPL C	TOP LOGGED INTERVAL	NOTION LOGGER	DEPTH-DRILLER	TYPE LOG	DATE	DRILLING MEASURED FROM	LOG MEASURED ED.	-			5-03	1-2	,89	1	FILING NO.
4 4 1/2	BORE-HOLE RECORD	S. Windisch Ed Birk	Ful1 NA NA	NA	400.0 Water			Gamma Ray	1 NW	9-90 9000	6.L. G.L.	G.L.	SEC L TWP 195	LOC LOL -	1	COUNTY Coffey	FIELD Last Chance	WELL Born No.	COMPANY Edward	
	CASING	NA S. Windisch Ed Birt	Full NA	NA	408.0	1532.0	1583 0	Neutron	9-20-2000		FT. ABOVE PERM DATUM	1197	AGE 140	JOU FEL			ance	• 6	E. Birk	9-34755-2126-
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TOOL MODEL NO. DIAMETER DETECTOR MODEL NO TYPE LENGTH DISTANCE TO N. SOURCE	Ę		L N L02 L I E-I(SCIN I'' x 8.0	16'16')57				************			NO. TYPE L MODEL DIAMETI CTOR MI	ER	NO.	· · · · · · · · · · · · · · · · · · ·		NEUT		102 1. 1 E-1	/NEU 1/16" 031	
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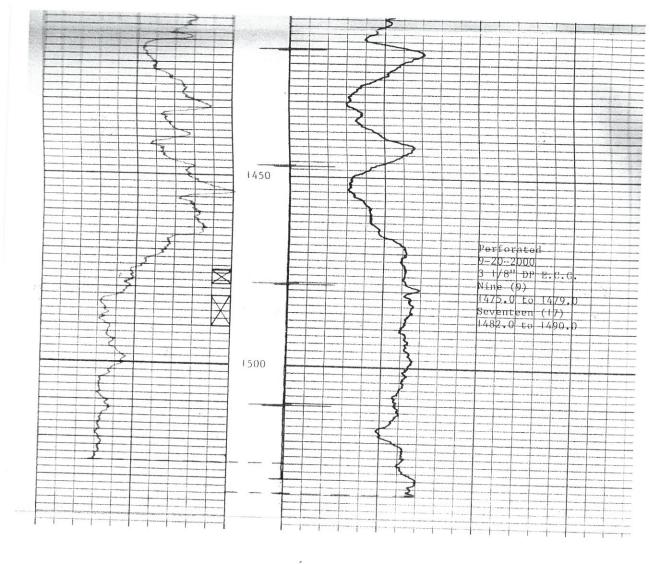
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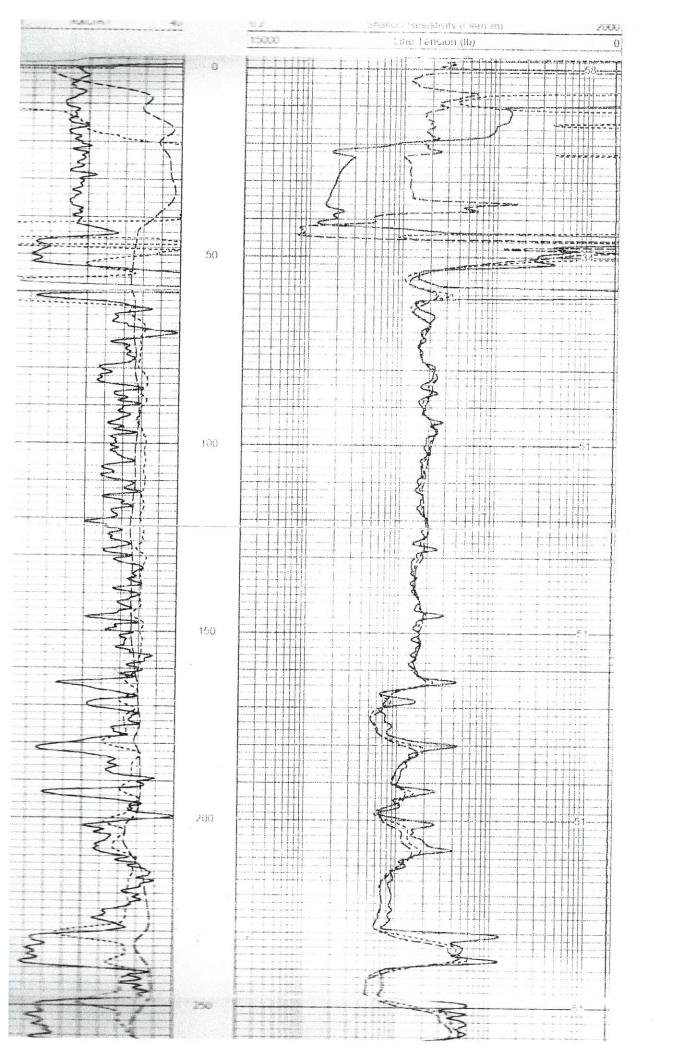


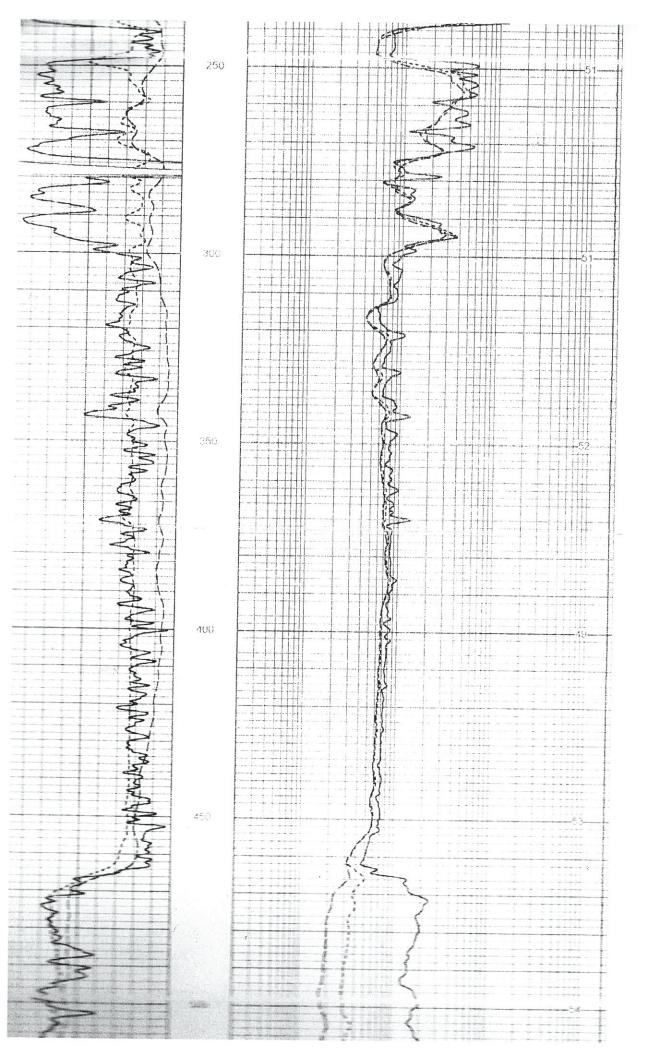
COMPANY	Edward E. Birk	GAMMA RAY	T.D. <u>1533.0</u>
WELL	Born'No, 6	GAMMA RAY	R.D. <u>1524.0</u>
LEASE	Last Chance	NEUTRON	T.D. <u>1533.0</u>
COUNTY	Coffey, Kansas	NEUTRON	R.D. <u>1532.0</u>
DATE	9-20-2000	CASING SET @	<u>4.1/2¹¹ r.T.D.</u>
		UNDING SET @	<u>4 1/2" - T.D.</u>

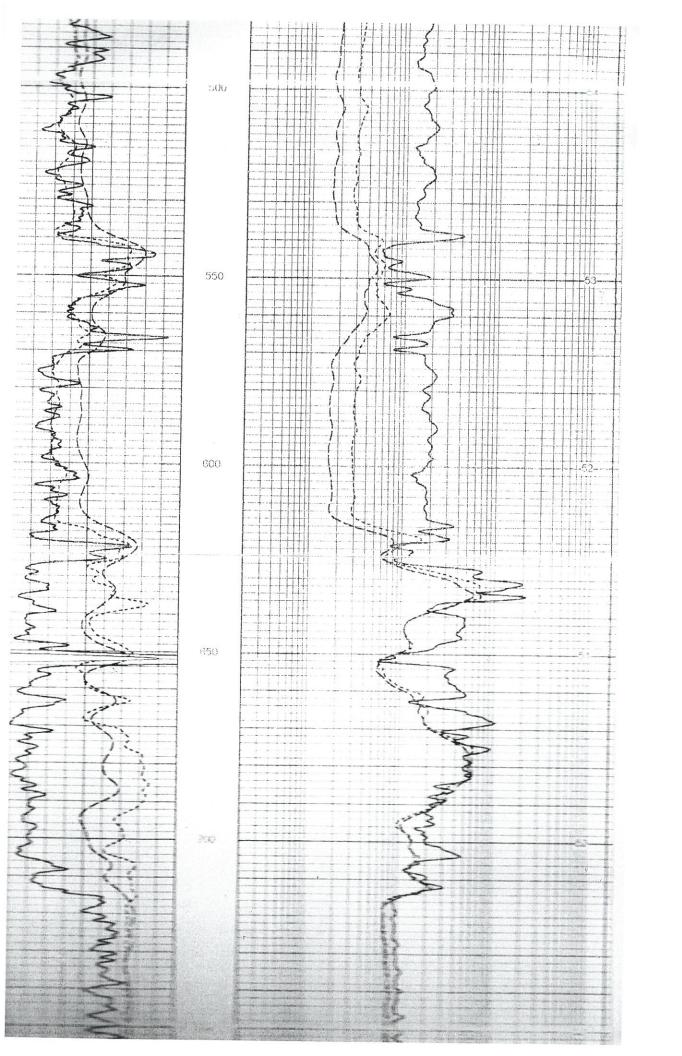
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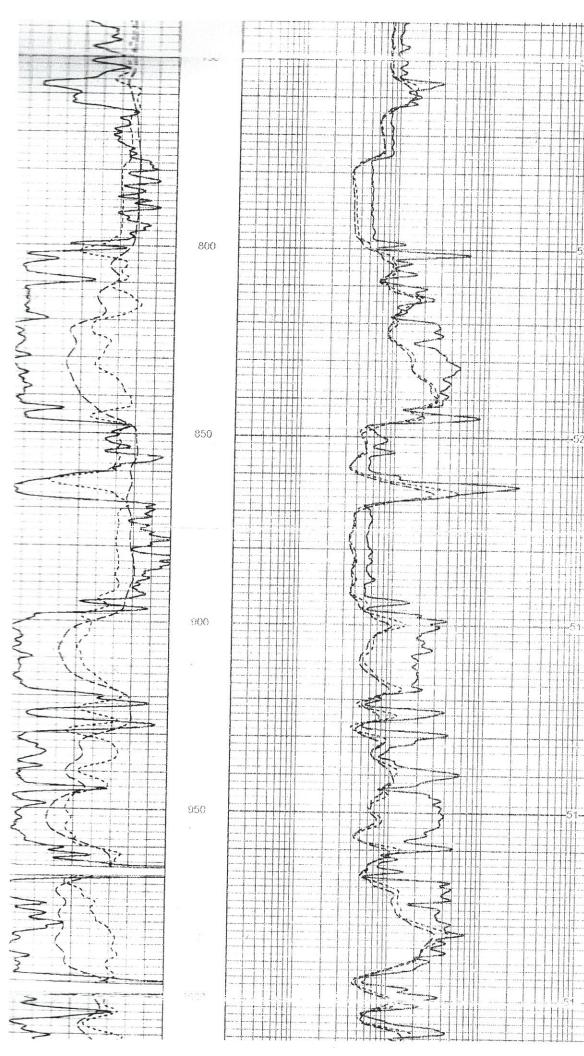
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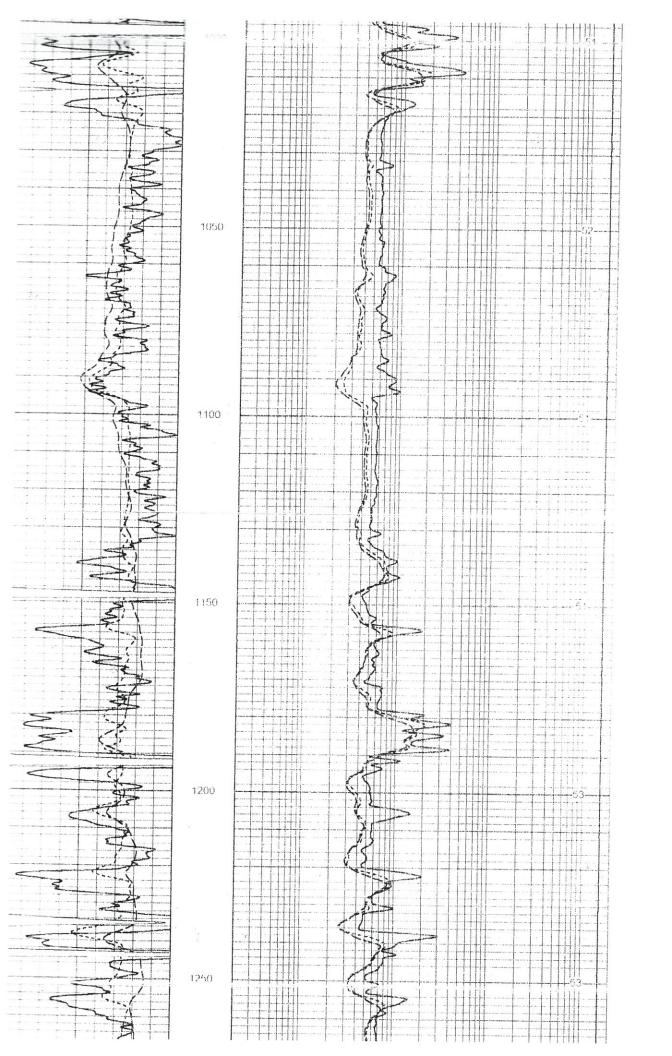
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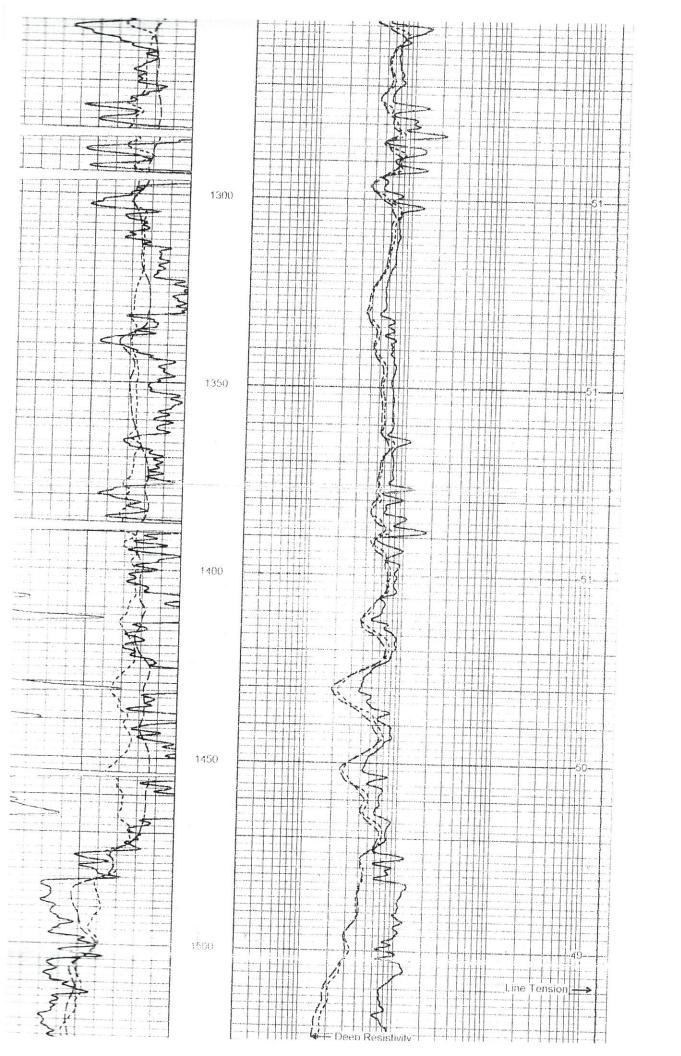


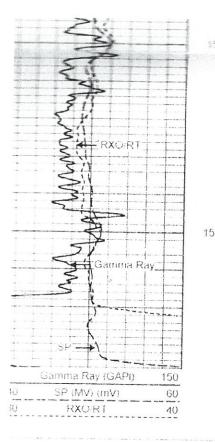


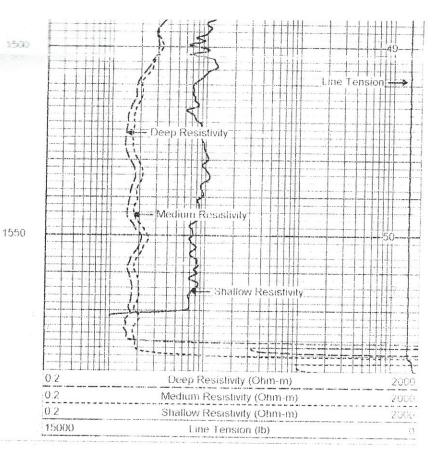














Gamma Ray (GAPI)

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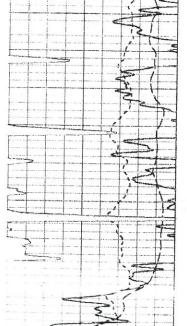
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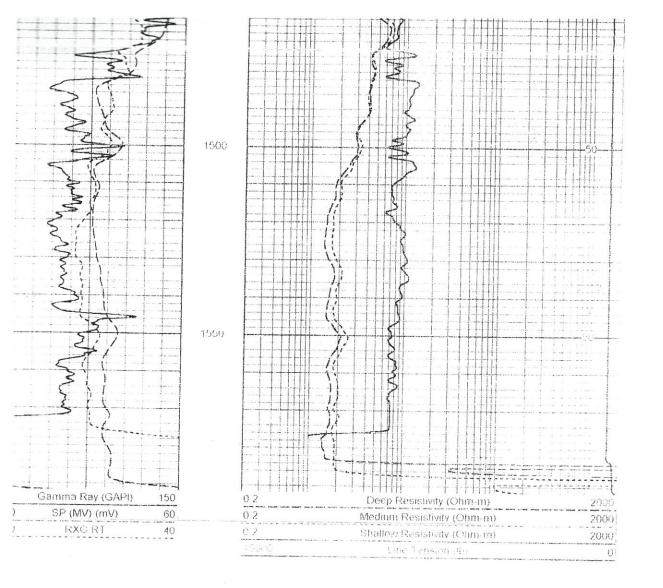
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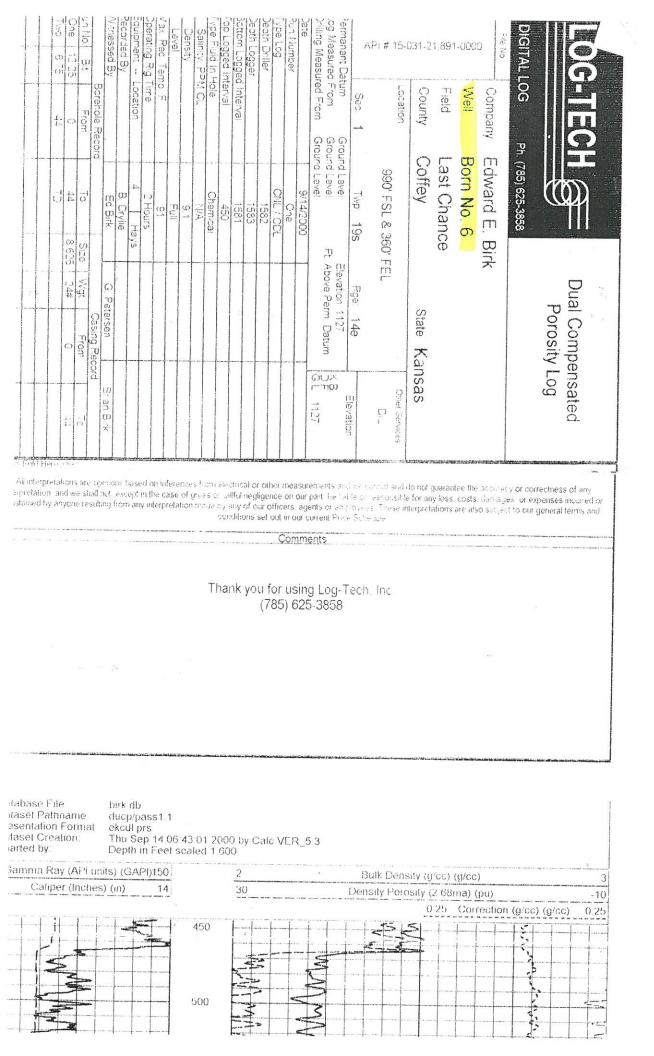
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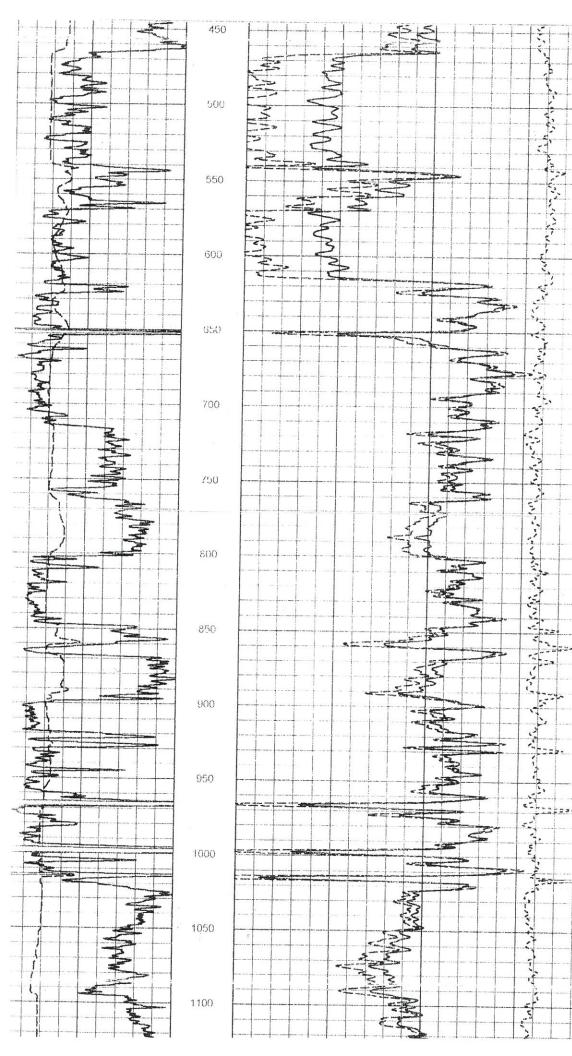
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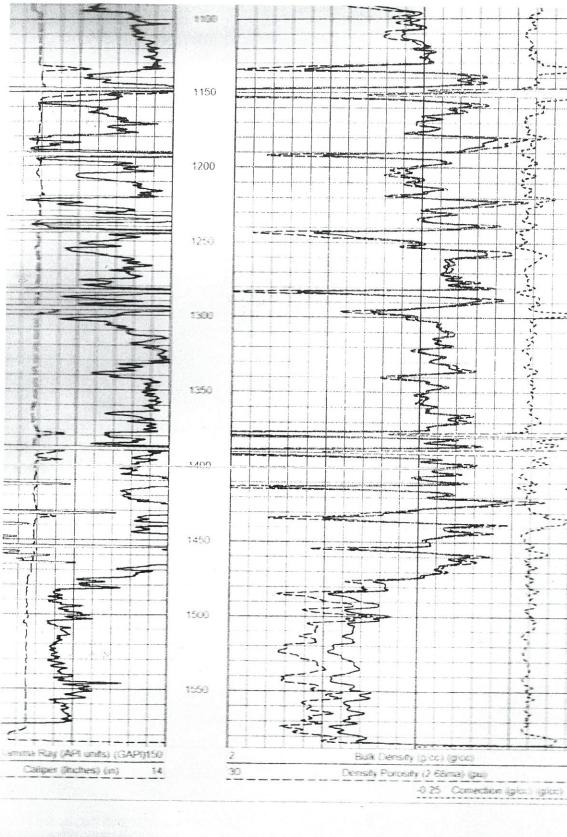


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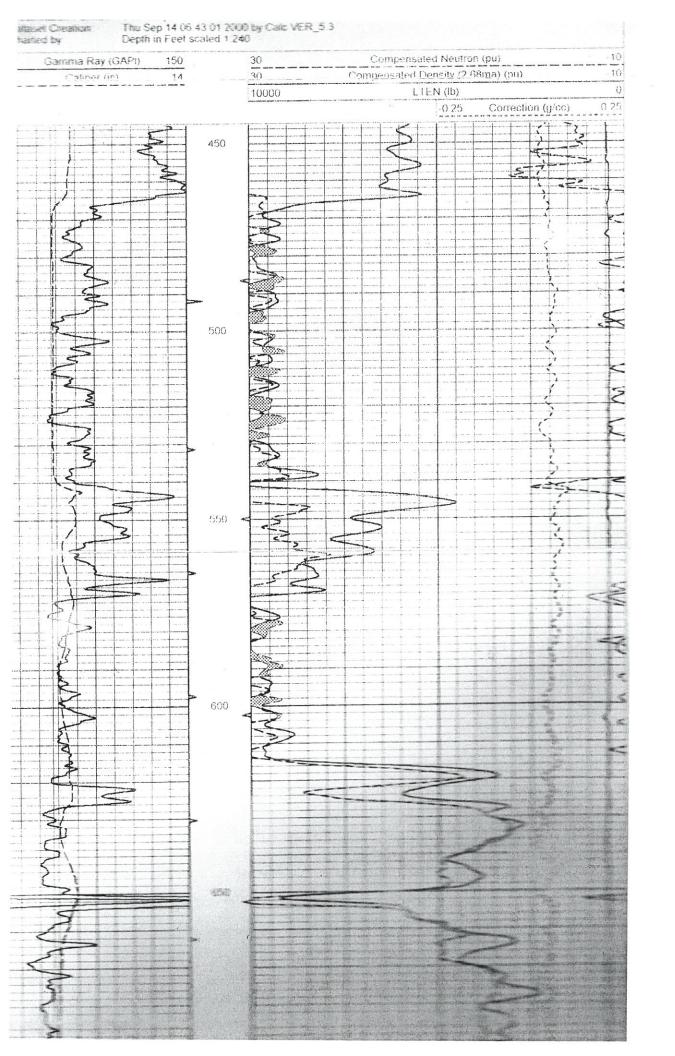
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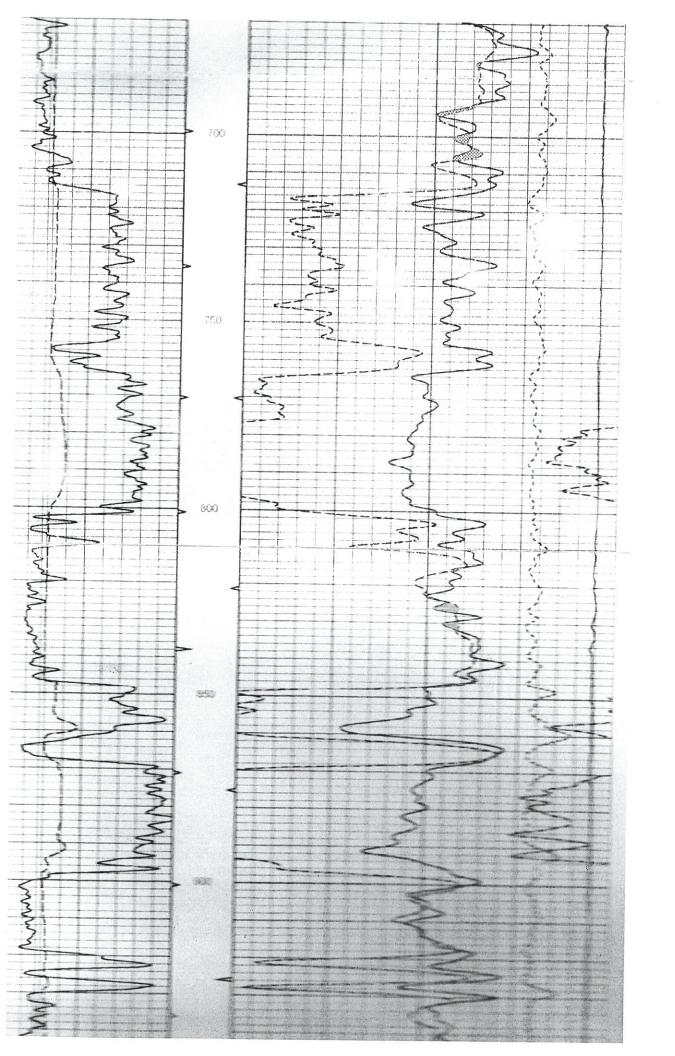


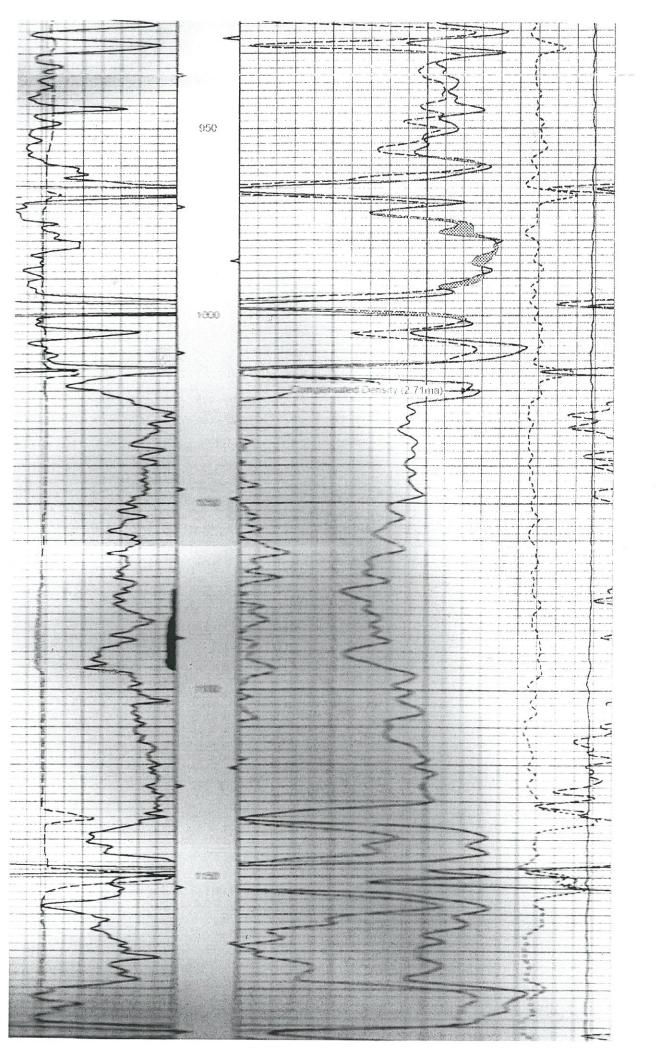
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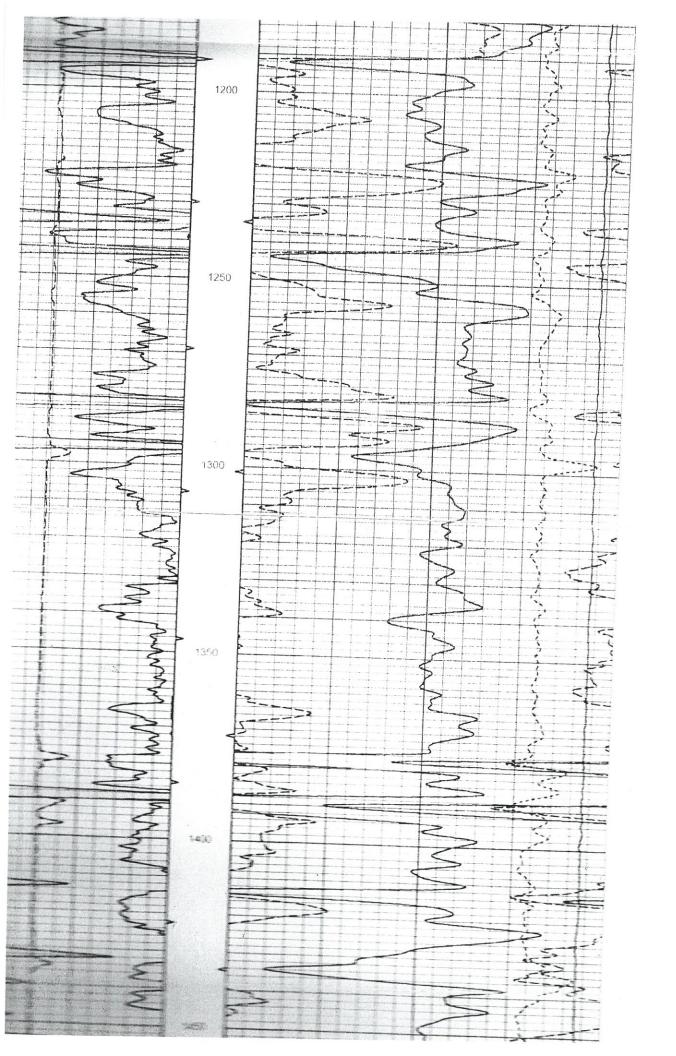
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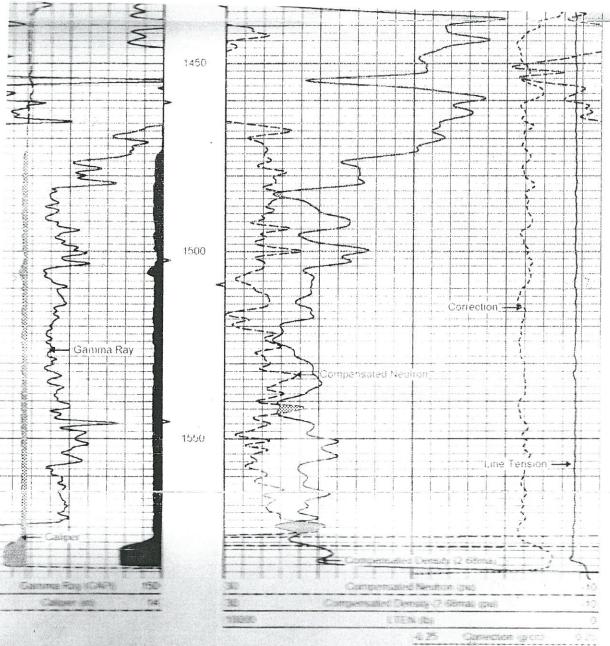
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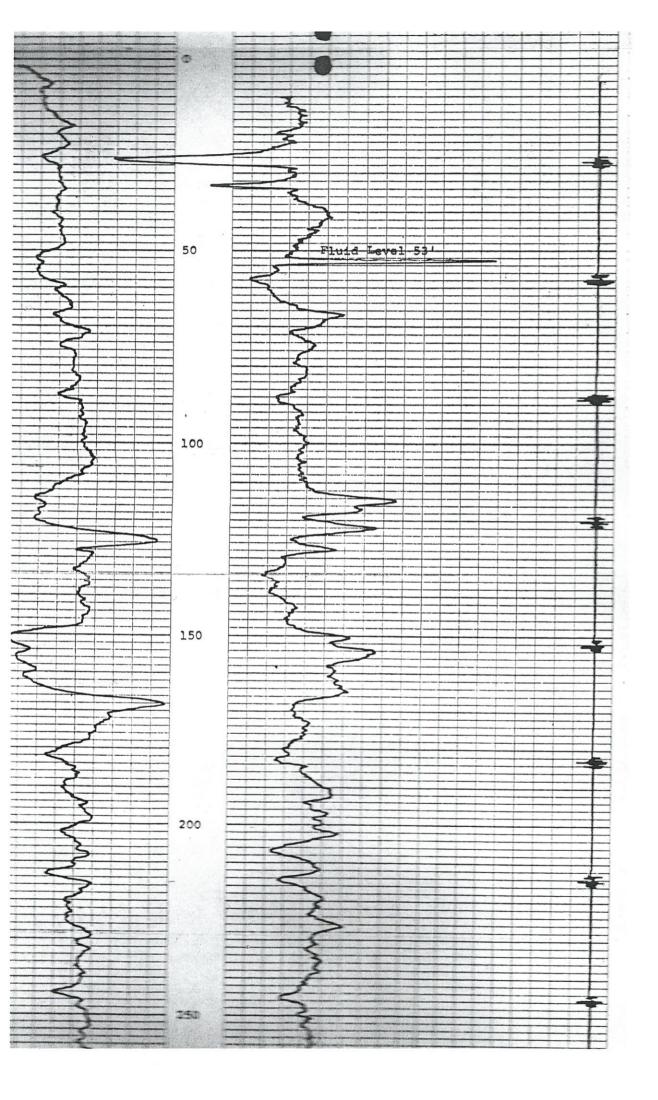


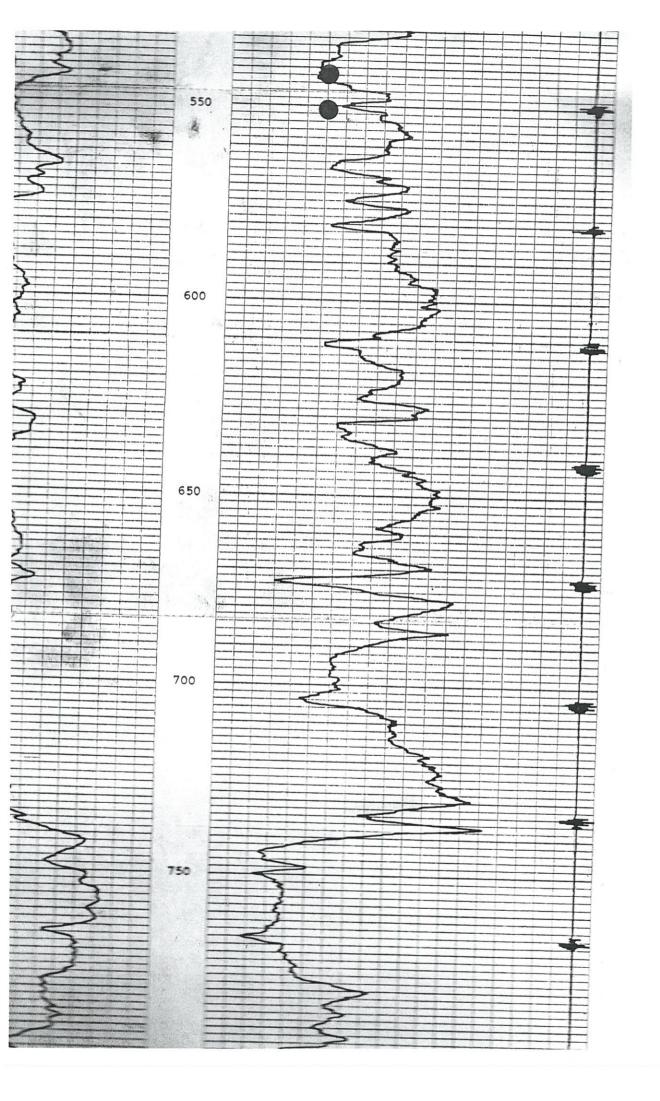


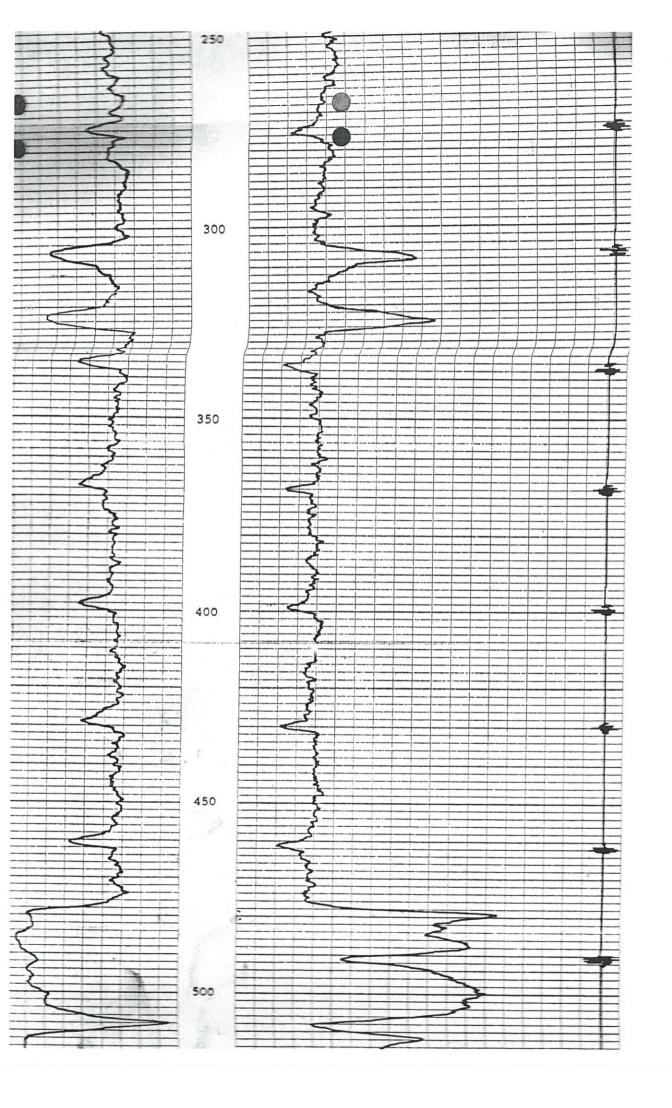


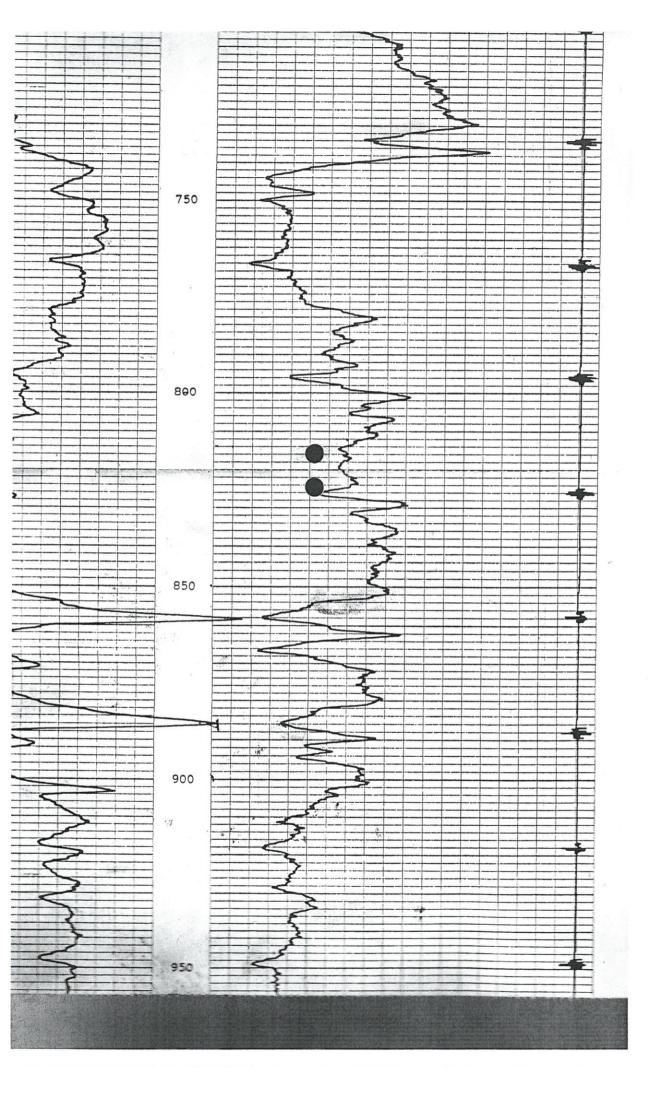
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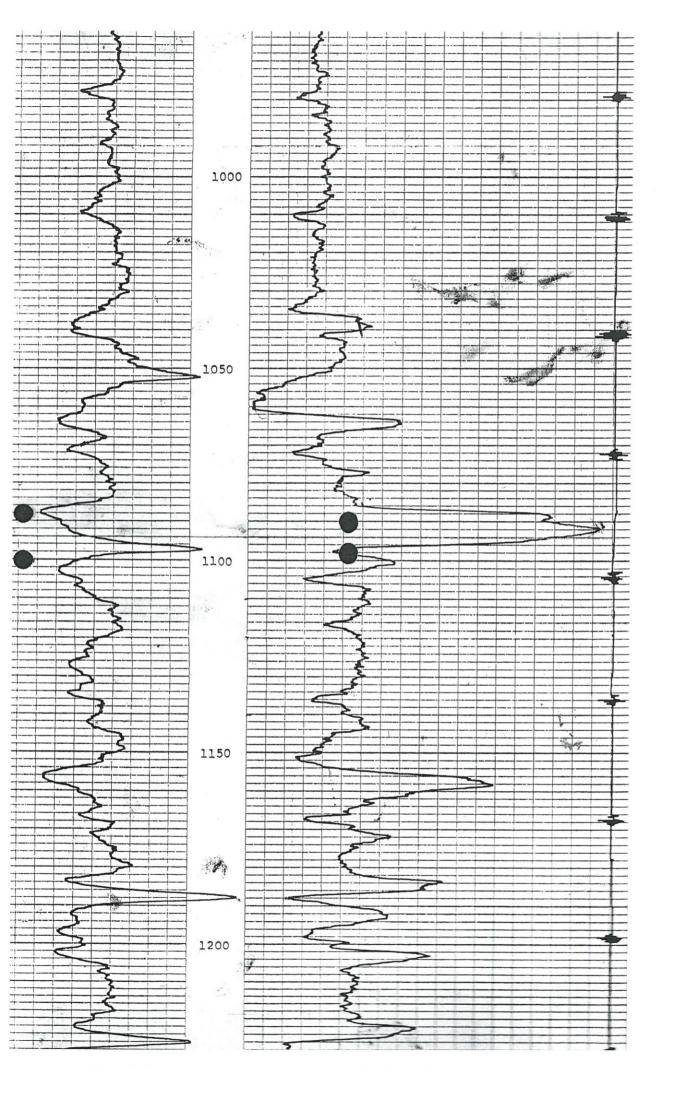
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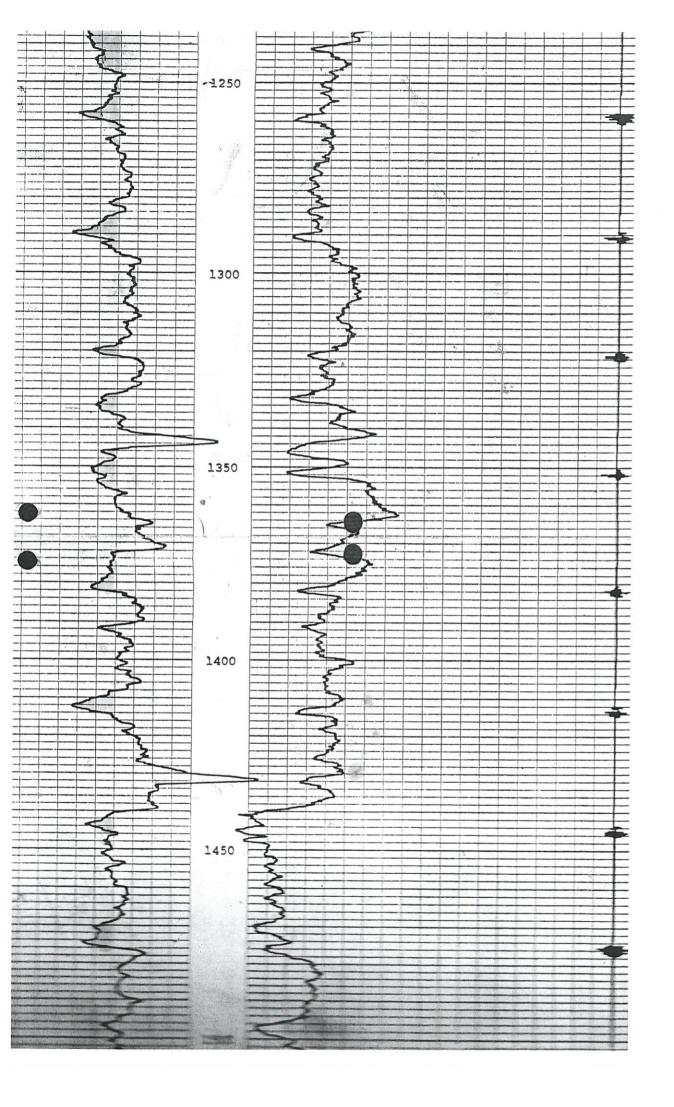


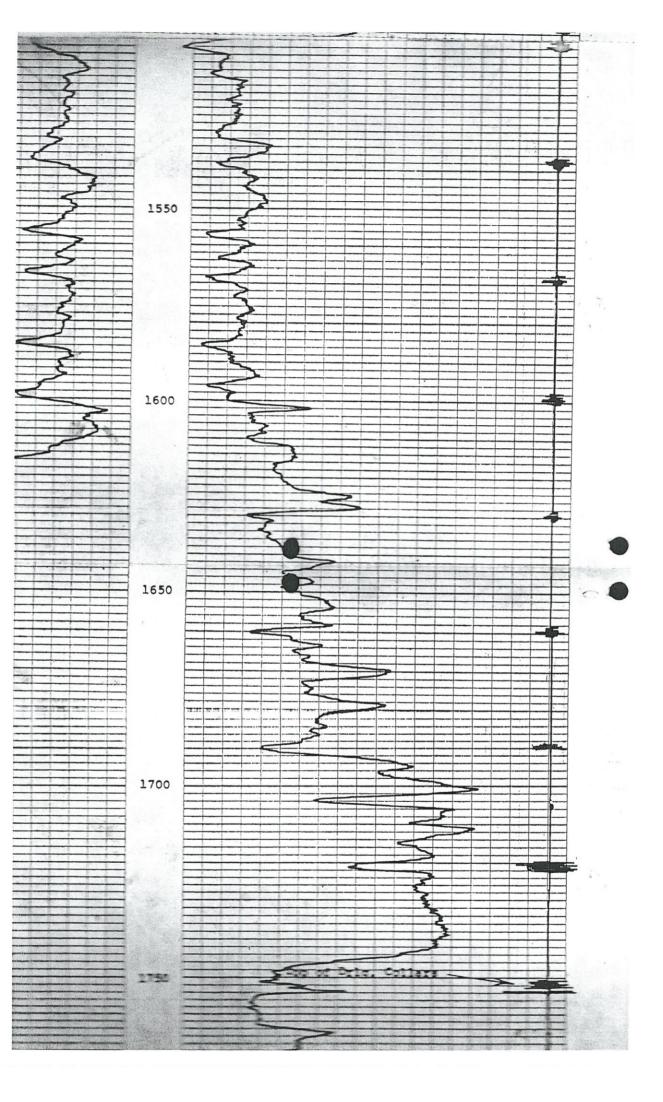


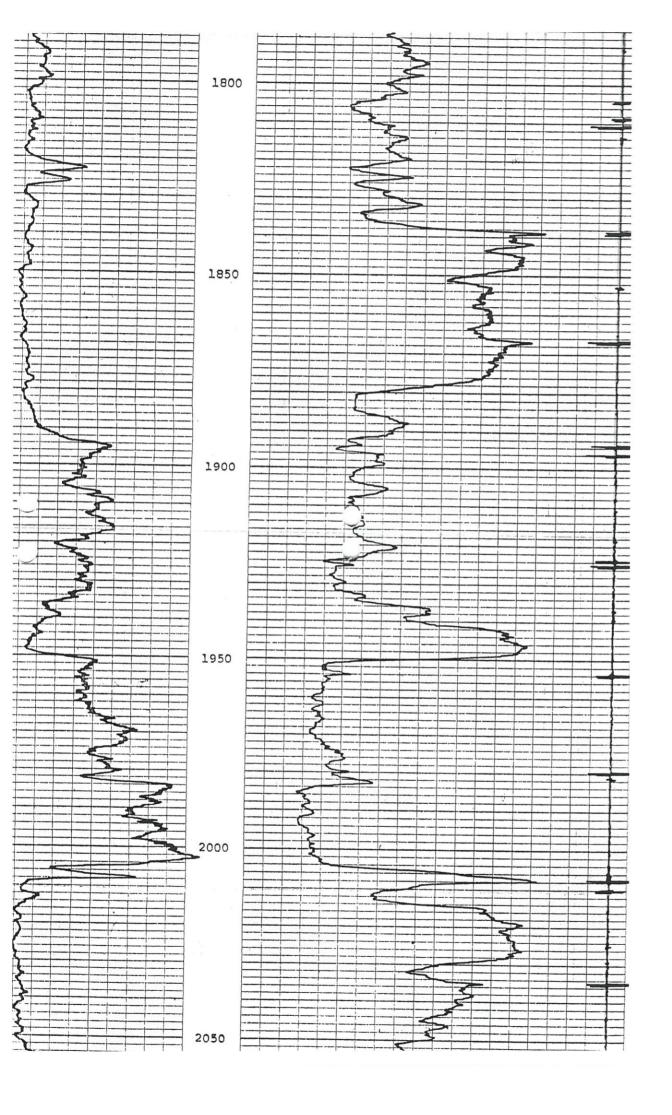


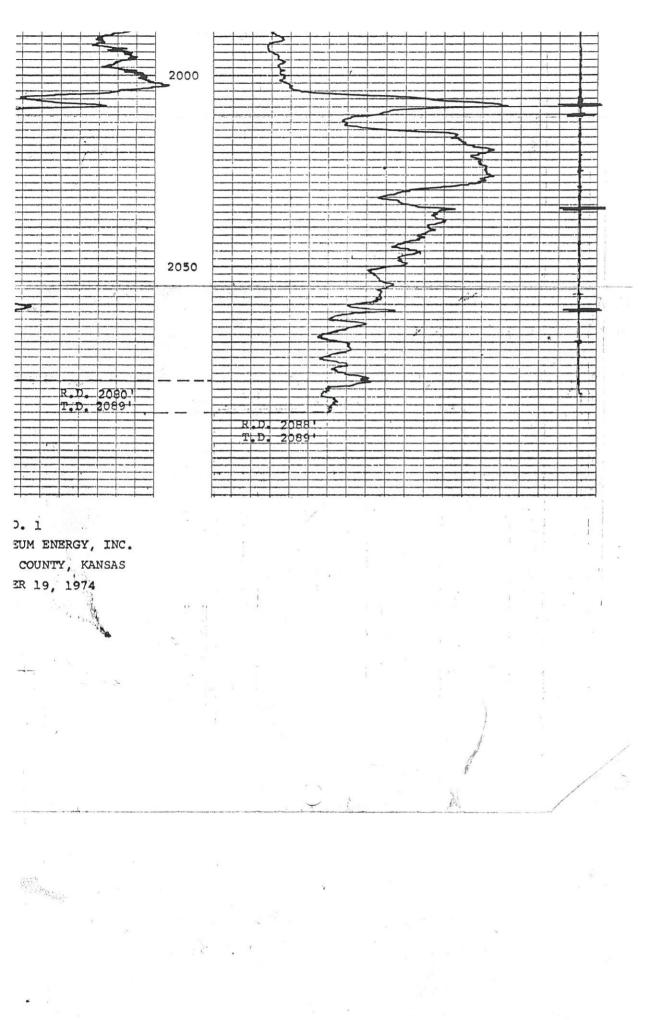




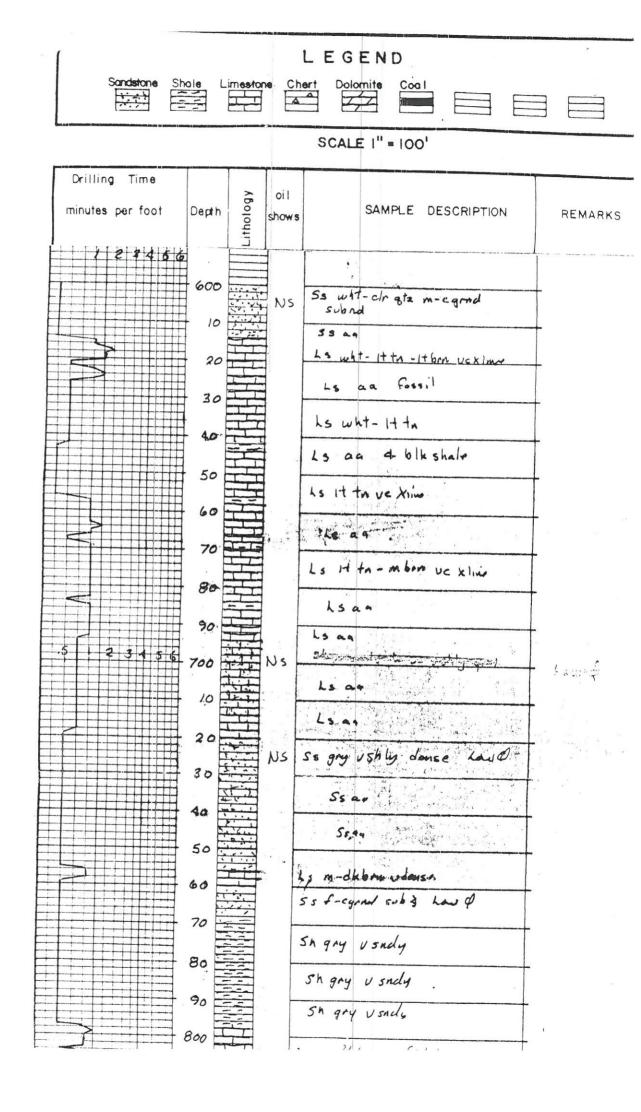




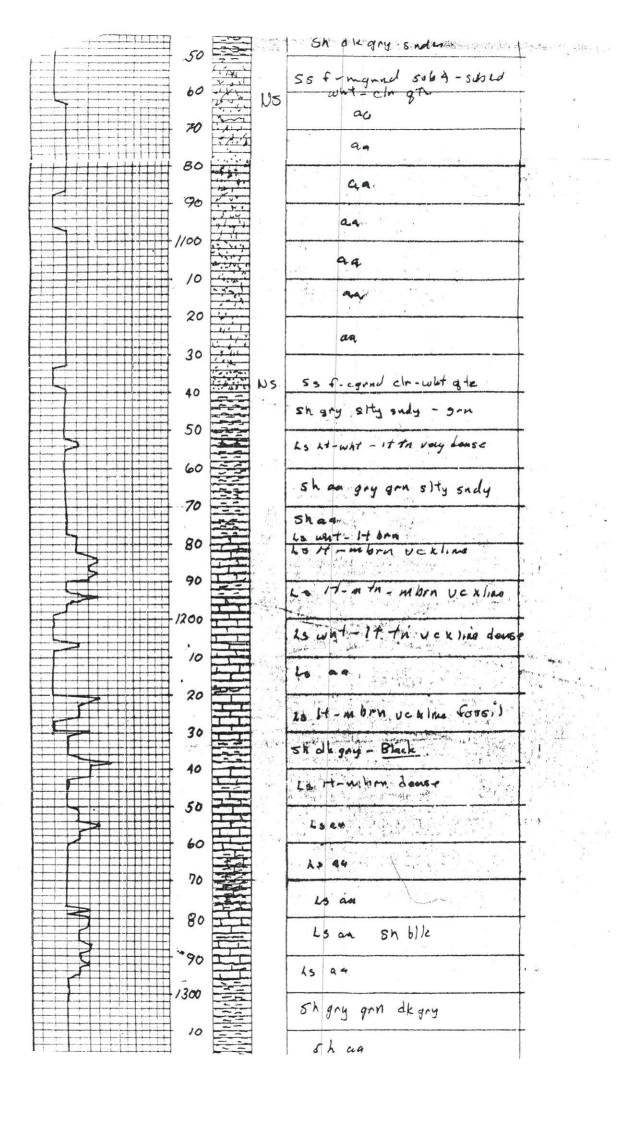


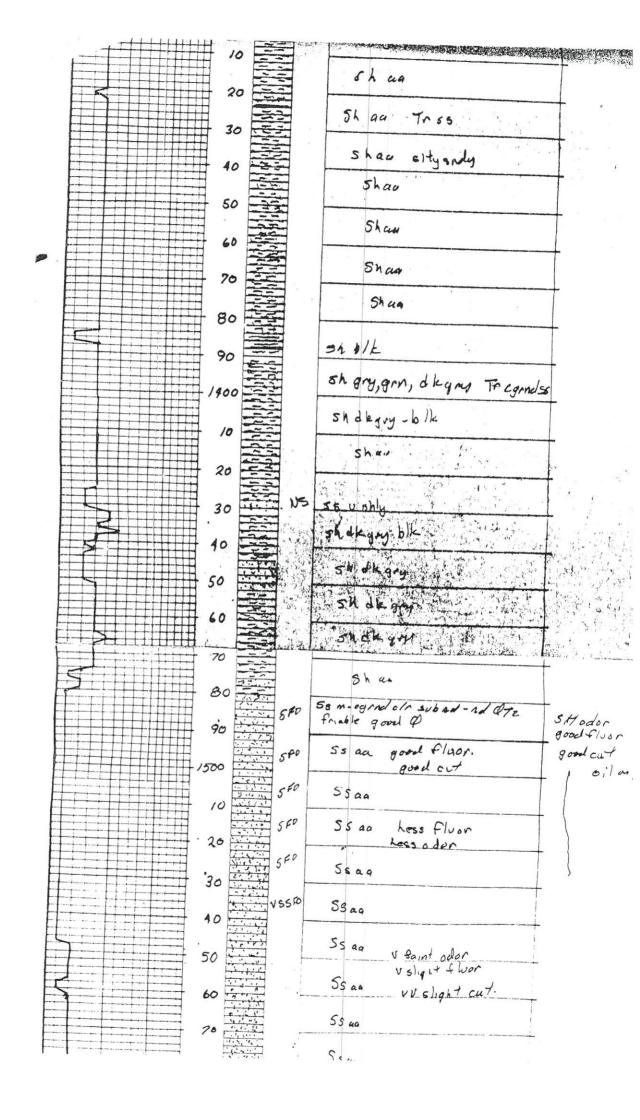


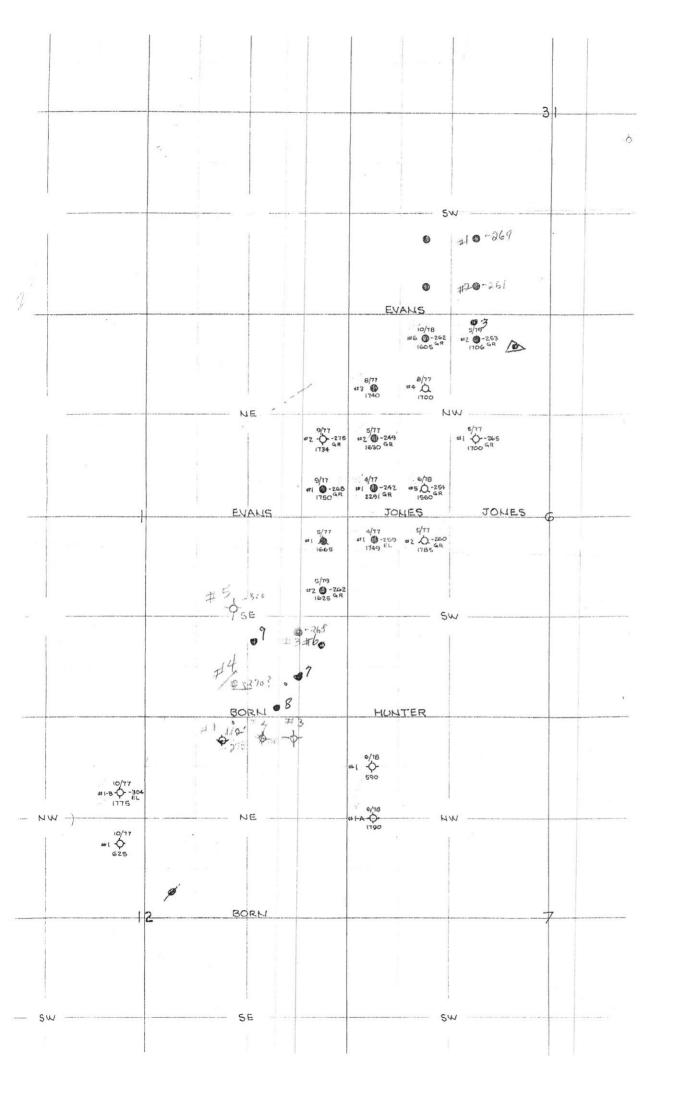
OPEN HOLE LOGS MED & DIL SURFACE CASING SET: 44' 85/4 ~ GEOLOGICAL SUPERVISION FROM: SURE COMMENTS:	SE, SE SE, SE S	
A PROD. CASING SET.	KANSAS KANSAS COMP DATE: 9-/4-00 TO: TD TO: TD LTD: /583	Geologist C. Petersen c. p.g. consulting geologist 3223 McChiro Rd Topeka, Kansos 66614 (93) 272-4383 GEOLOGIST'S LOG
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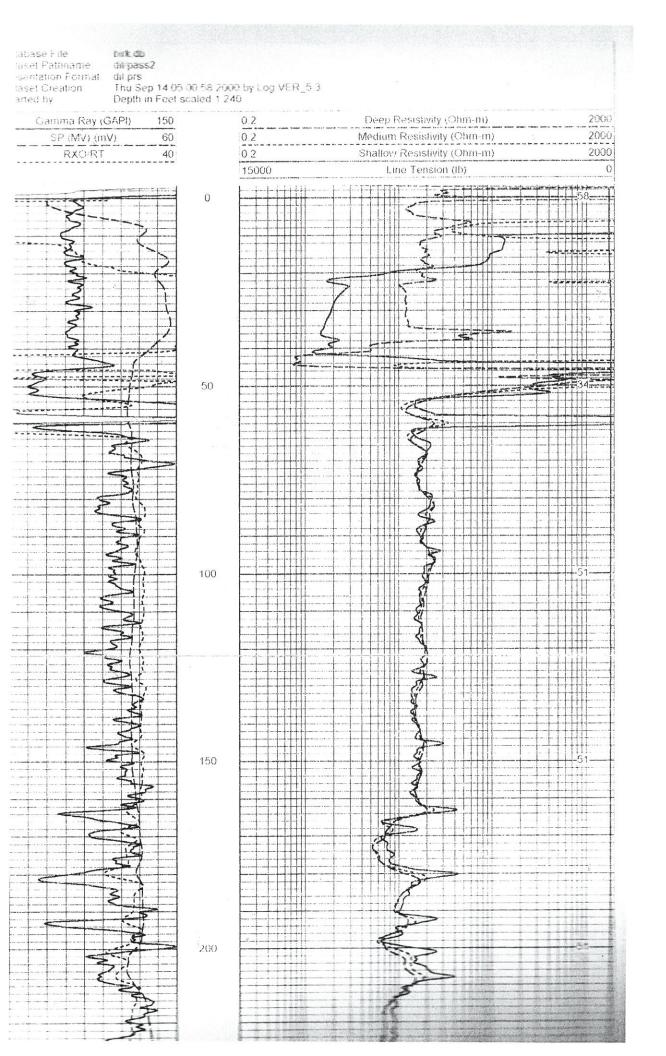


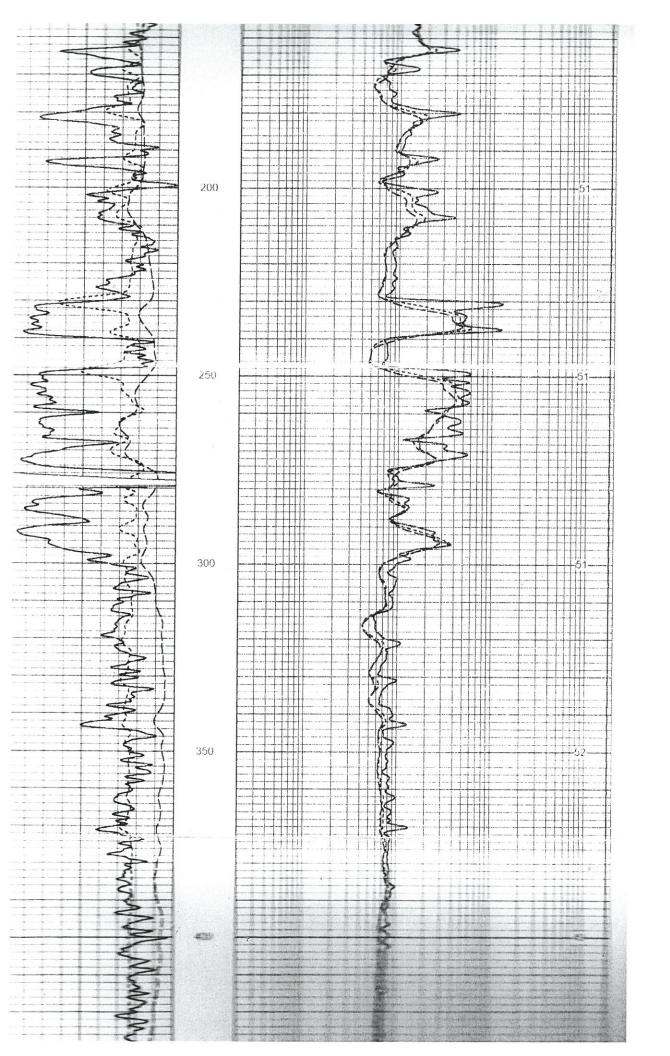


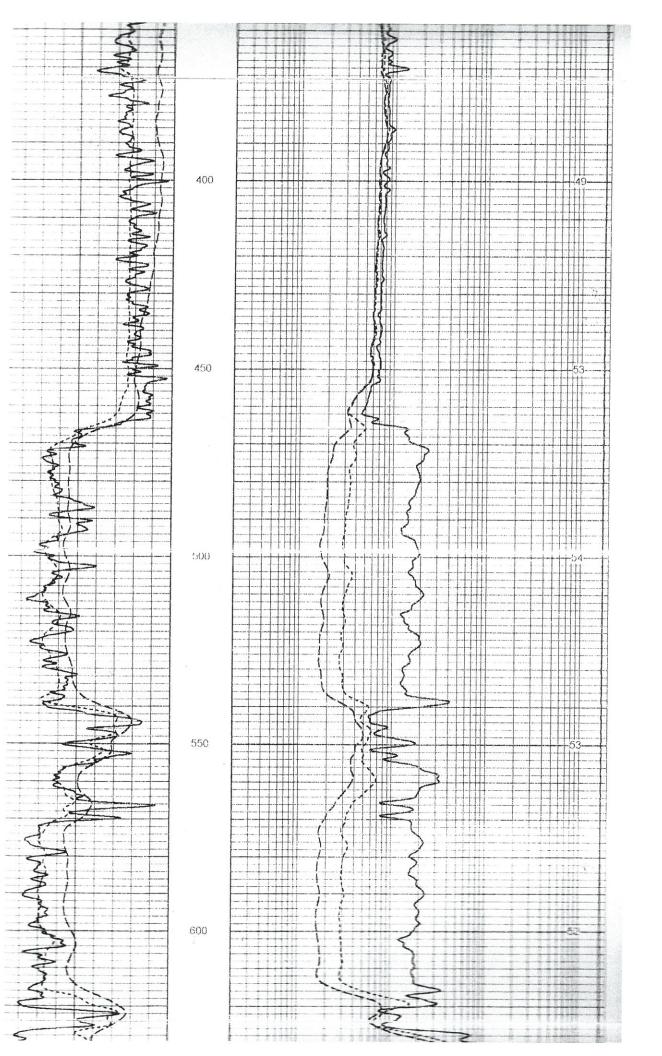
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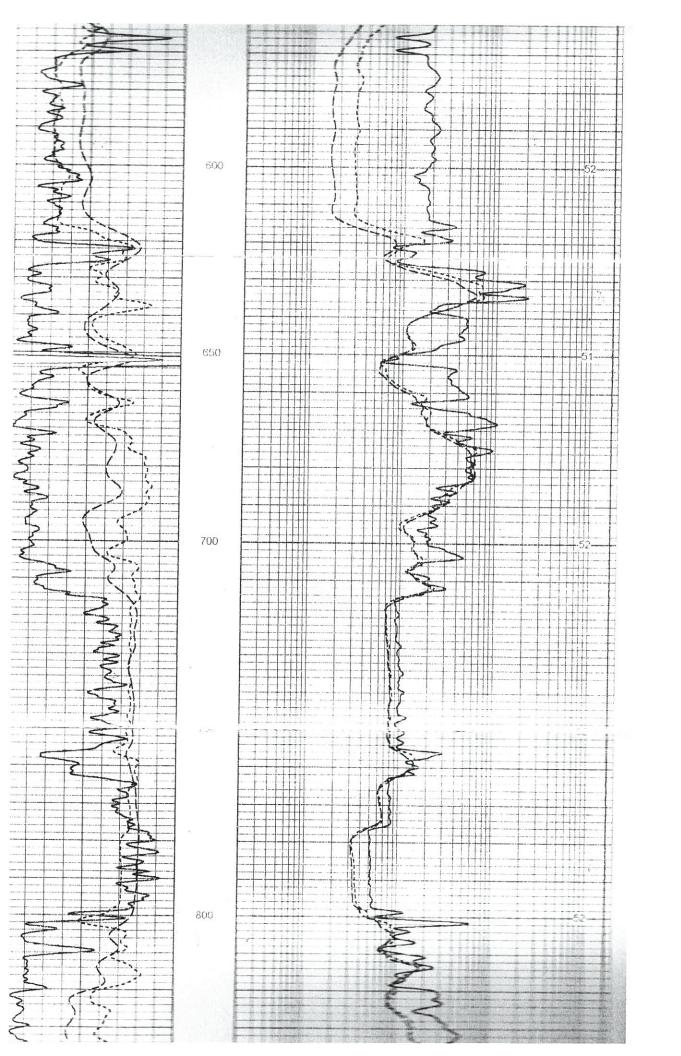
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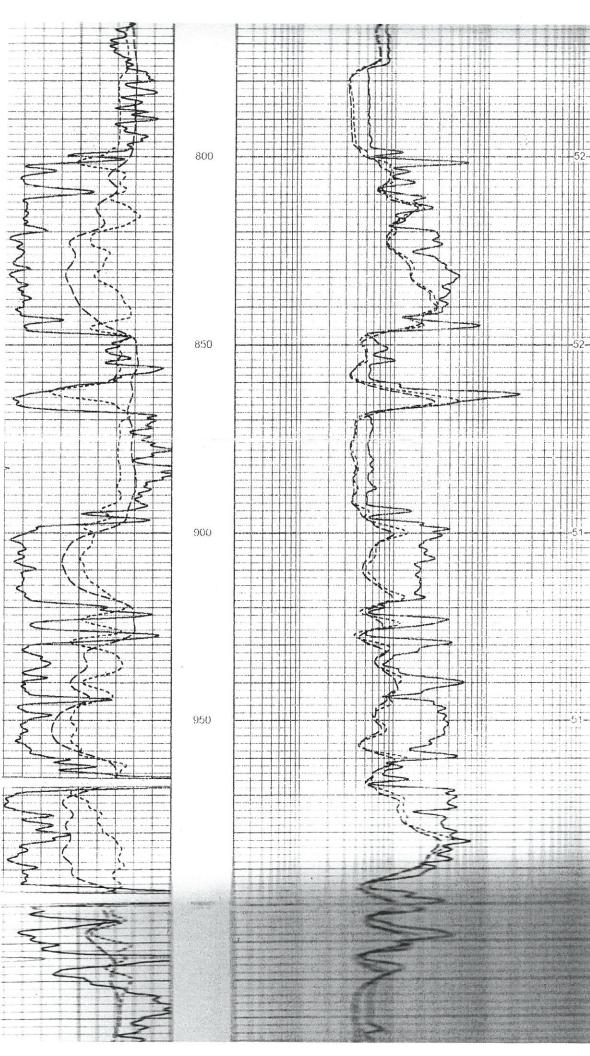
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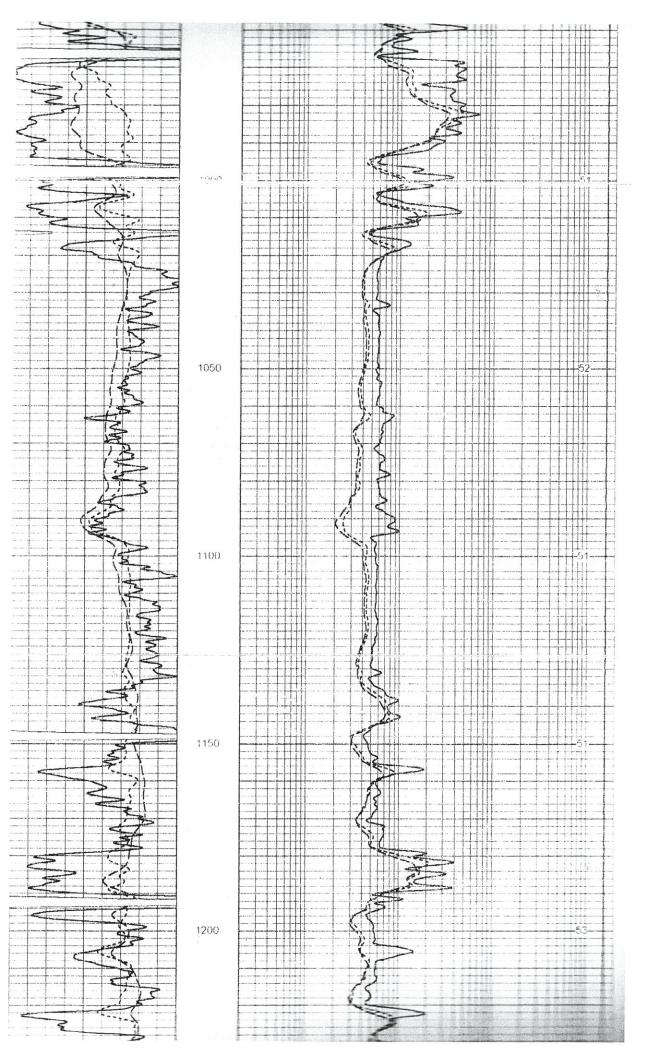


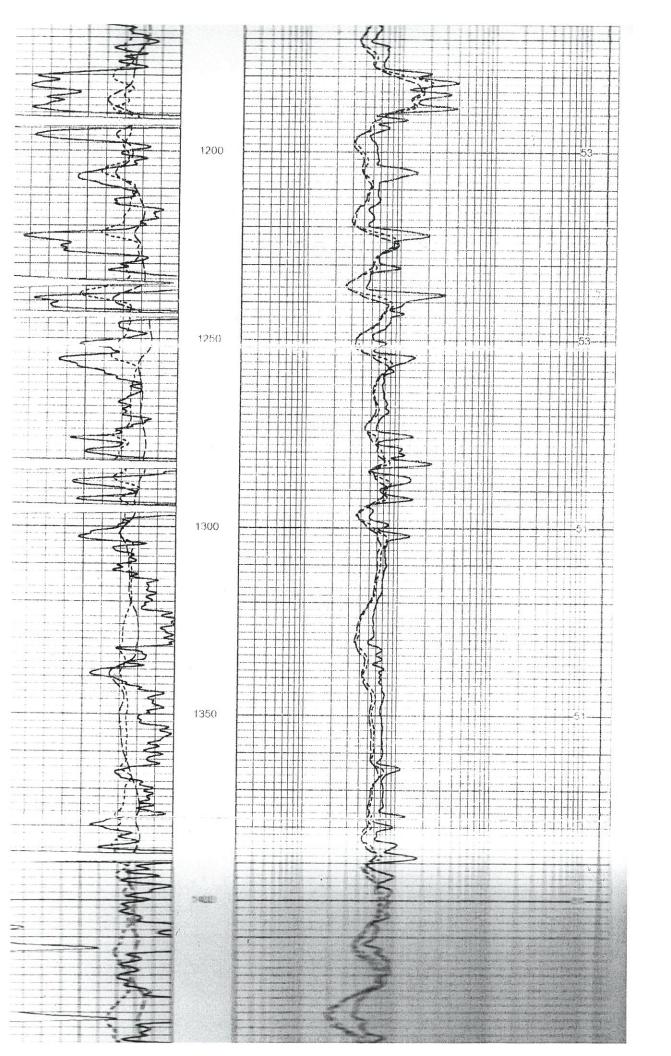


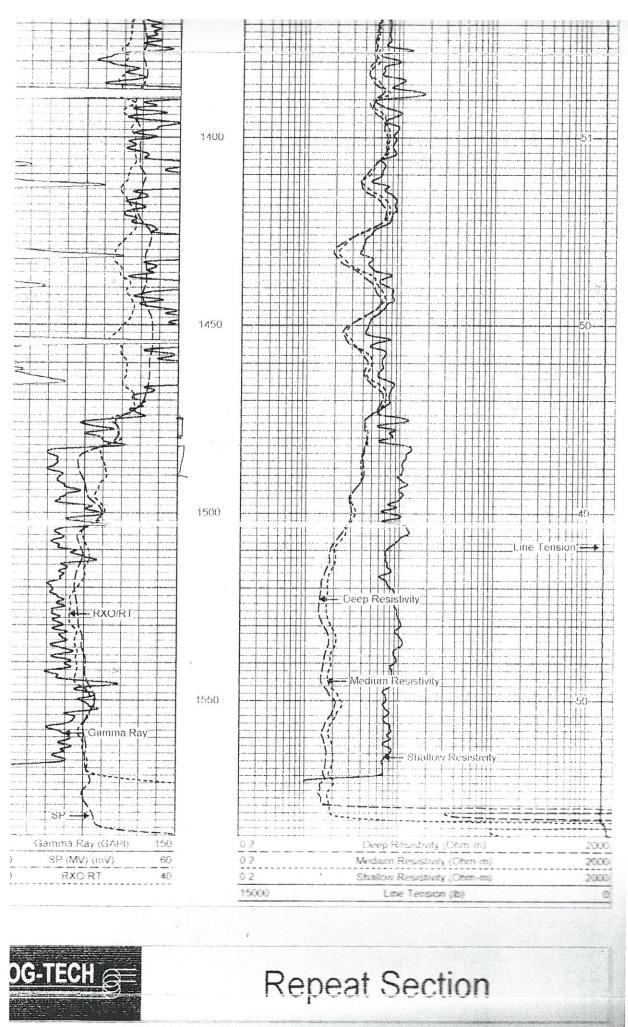








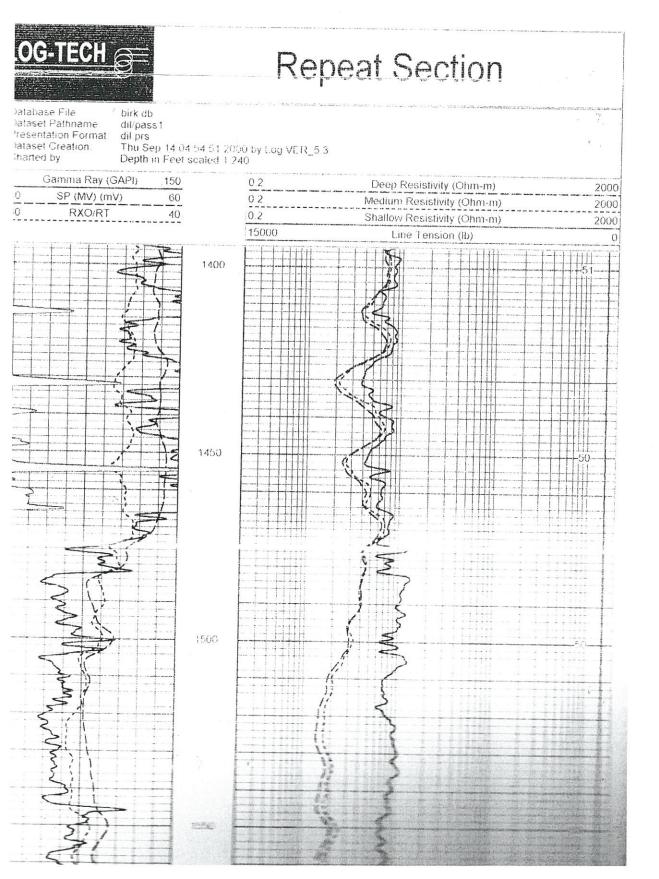


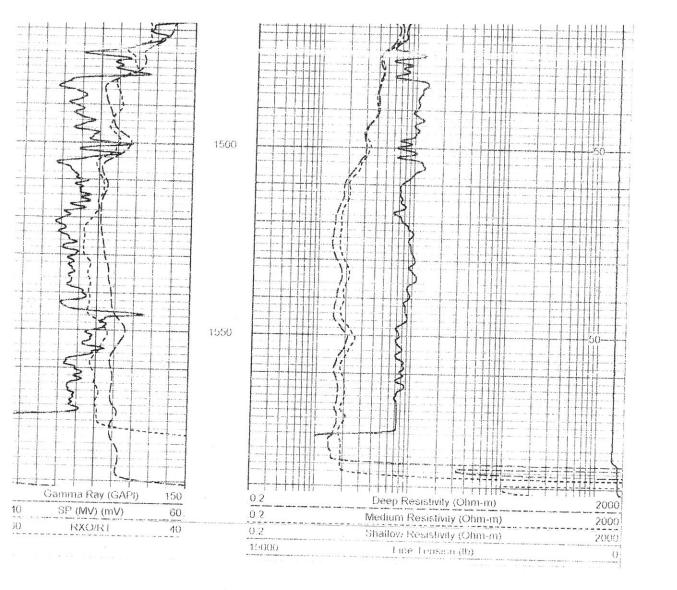


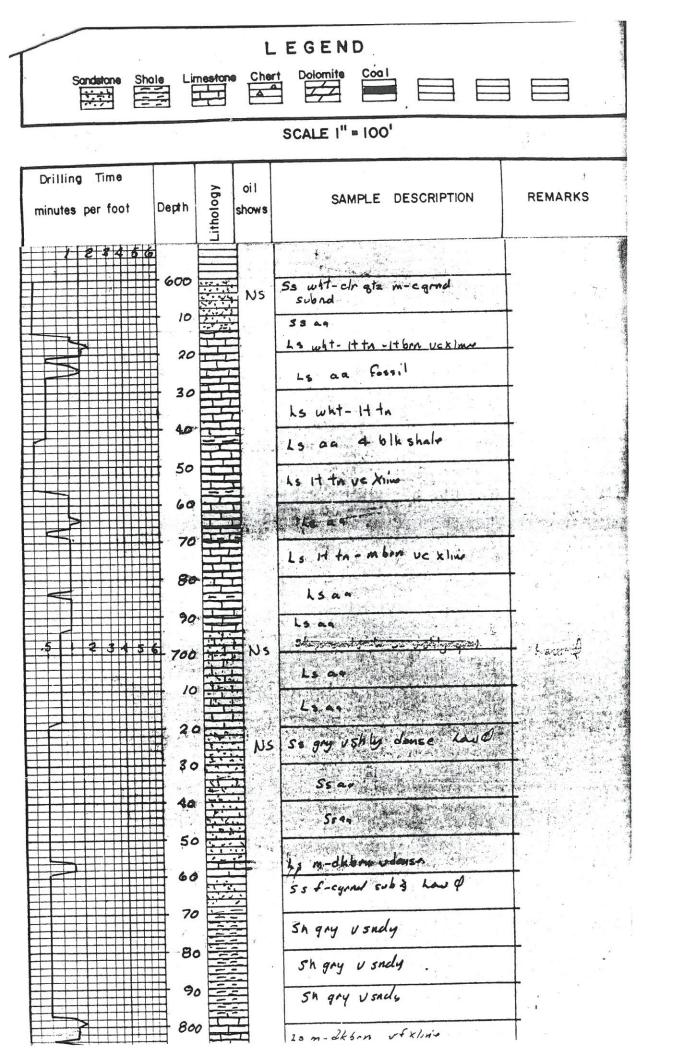
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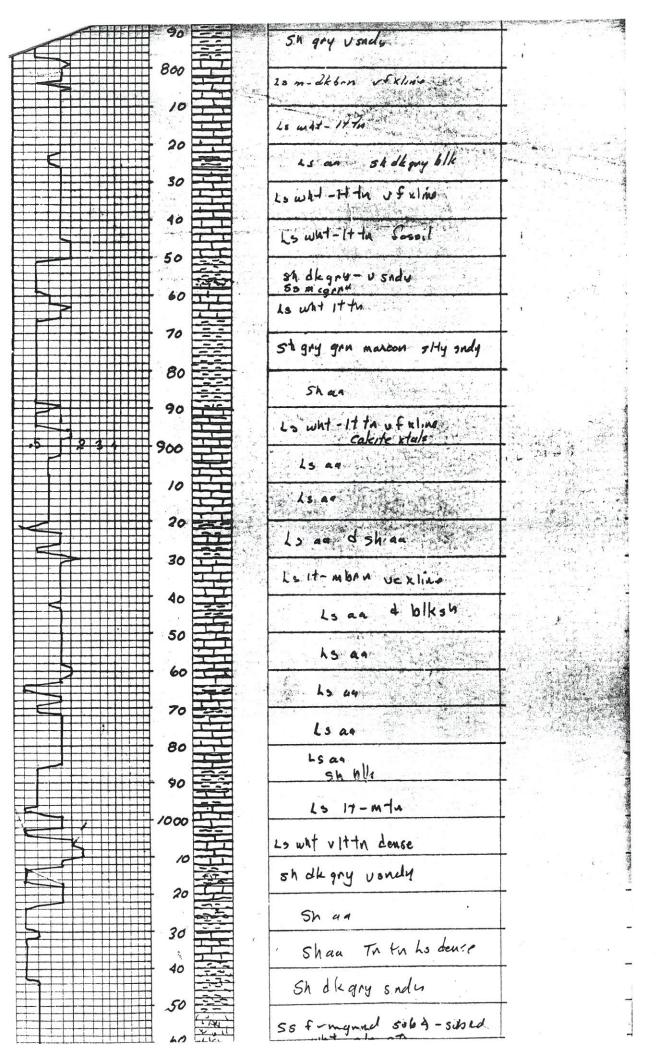
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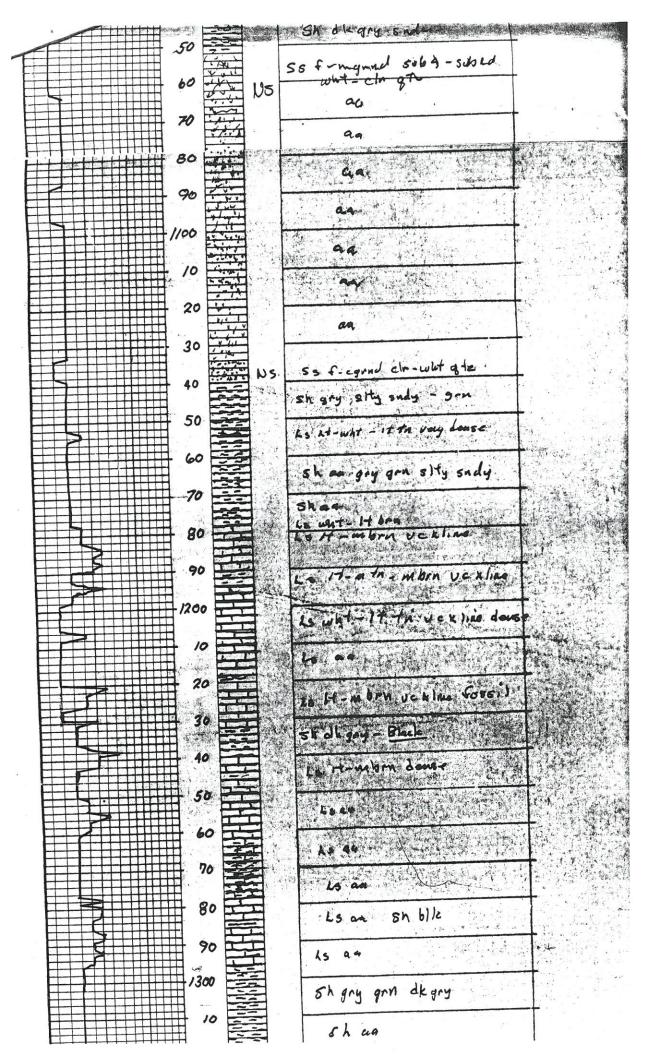
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200	Deep Resistivity (Ohm-m)	02	150	Garnima Ray (GAPI)
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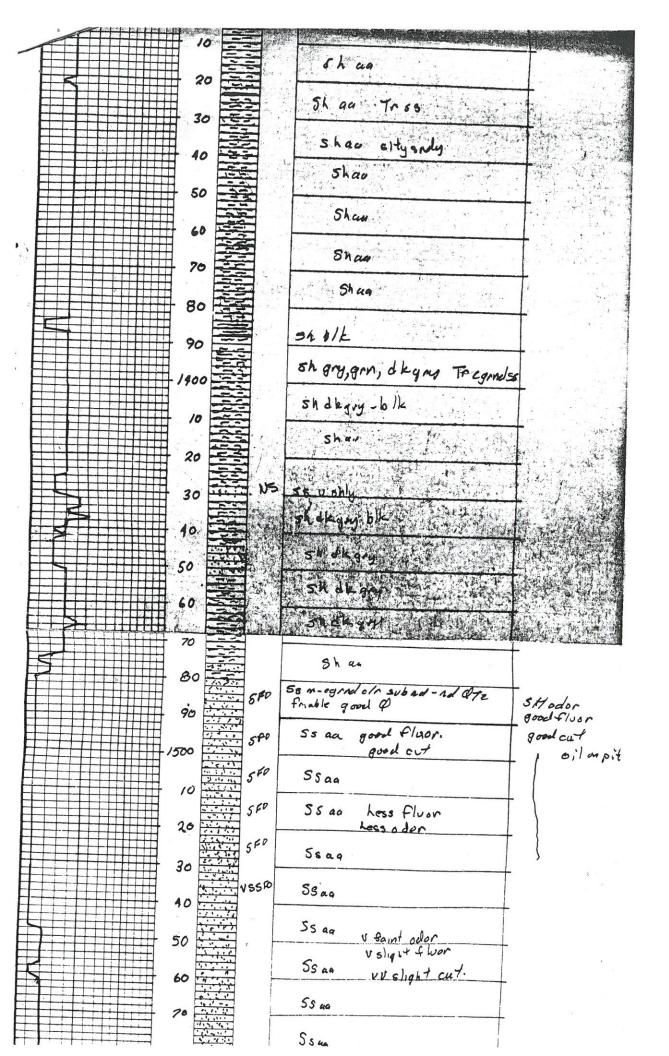






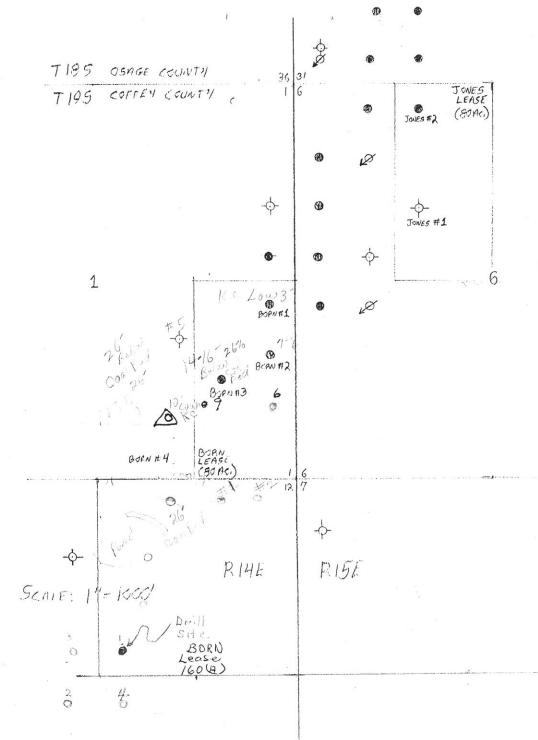






	SURFACE CASING SET: 44' 85/4" PROD. CASING SET:		SAMPLES EXAMINED FROM 100 TO TO TO	RACTOR	D31-2		-	ຣ	(SE) 272-4883	Topento, Kanas 6684			19/ P consulting andraid	Storage G. Jelemen c.h.g	
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E/2 SE/A SEC. 1 T195 R14E - BORN LEASE E/2 NW/A SEC. 6 T195 R15E - JONES LEASE



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	Page 106
No	(AANSAS) (Key, 1621) Form 83 (Producere)
OF	Form 83 (Producere) 10 + OIL AND GAS LEASE (6) BOOM AND AND FROM CALM
	A G H 20 W 20 M 21
	by and between John E. Born and Irma L. Born, husband and vite
	-Edward Biry
	-Edward E Birk
	-Edward, E., Bilty, WITNESSETH, That the said sor, for and in consideration of other visuation of other covenants and greening the second part, hereinsfier celled lesson cess in hand paid, recipt of the is bereby acknowledged, and of the covenants and greening the hereinsfier contained on the part of lesse to be paid, kept of ormed, has granted, demised, tessed and it and by these presents does gront demised building tarks, power stations and land elements in the difference of the products, all that certain for the covenants and greening for oil and gas, and laying pipe lines, and use thereon to produce, save and take care of said products, all that certain for the certain test thereon to produce, save and take care of said products, all that certain for the certain test thereon to produce and take care of said products, all that certain for the certain test thereon to produce and take care of said products, all that certain for the certain for
	and situated in the County of COffey
	The Southeast Quartar (CD(A) of the Allows, reacribed he follows, to with
	Deceron Iverve (12), Township Ninteen (10) Dange Baugh
	The section of the section white and the section white and the section white and the section of
	of SectionTownshipRangeand containing_200acres more or lace
	It is agreed that this lease shall remain in full force for a term of <u>3</u> (three) years from this date, and as long thereafter as oil or gras, or either of them, is produced from said land by the lease.
	In consideration of the premises the said lease covenants and agrees:
	ist. To deliver to the credit of lessor, free of cost, in the pipe line to which lesses may connect his wells, the equal one wighth (%) part of all bil produced and saved from the lessed premises. 2nd. To pay lessor for gus from each well where gas only is found the sould one site to the saved one between the saved one between the saved on the saved of the saved on the save
	2nd. To pay lessor for gus from each wall where use only is for the time to the work, the equal one
	and leason to have gas free of cost from any such well for all stone made par division order.
	from such sales), for all gas used off the premises, said payments to be made <u>per</u> <u>division</u> order and lessor to have gas free of cost from any such well for all stoves and all inside lights in the principal dwelling house on sale hand during the same time by making his own connections with the well at his own risk and expense. other product a royality of one-eighth (%) of the proceeds received by lesser from such and less or in the manufacture of gasoline or any event more than one-eighth (%) of the proceeds received by lesser from such aples, by available monthly at the prevailing energies in such the less such as the proceeds received by lesser from such aples, payable monthly at the prevailing energies pro- ther this less shall be compensed on said land on or before the <u>day of</u> OCtODEY.
	other product a royalty of one-eighth (%) of the market value, at the mouth of the well, that are not gauging of any one eighth (%) of the market value, at the mouth of the well, that are not any of gauging of any
	If no well be commenced on said land on or before the
	the december, which that continue as the depository executives of the
	FOUL HUNDRED (\$400.00) DOLLARS, which shall operate as a rental and cover the privilege of defec-
	ring the commencement of a well for <u>12</u> months from said date. In like manner and upon like paymonds or tendered payments or tendered for the periods of the same number of months successively. All such fors the rantal paying date, either direct lessor or assigns or to said depository bank. And it is understood and any said and any same affected to the same number of the date when cald first restricted to the lesser's or tendered on a side that any payments or the period as aforeenid, but also the lesser's option of extending that period as aforeenid, and any said all other rights con-
	Should the first well drilled on the shows described hard hard hard hard hard hard hard har
	Should the first well drilled on the above described land be a dry hole, then, and in that event, if a second well is not com- menced on said land within twelve months from the expiration of the fast rental paried for which rental has been paid, this payment of rentals in the same amount and in the same manner as hereinbefore provided. And it is agreed that upon the rentals and the offset theires, said twelve meaths shall tearning the payment of rentals, as above provided, that the last preceding paragraph hereof, soverning the payment of if add lessor owns a less interest in the above described land there had been no interruption in the rental payments.
	whole and undivided fast increase provided shall be paid the lacaor only in the proportion which is intra therein,
	Lesses shall have the right to use, free of cost, gas, oil, and water produced on said land for its operation thereon, except
	ins longor.
	to draw and ramova carding time to remova all machinery and fixtures placed on said amounts
	It the issues shall commence to drill a well within the term of this lease or any extension thereof, the lease shall have the right to drill such well to completion with reasonable diligence and dispatch, and if oil or gas, or either of them, be found term of years have hits mentioned.
	If the estate of either party hereto is assigned, and the privilege of assigning in whole or in part is expressly allowed, the covenants hereof shall extend to their heirs, executors, administrators, subcessors or salars, but no showed
	with a written transfer or assignment or a true copy there shall be binding on the longer until after the lease has been furnished
	infault is the second of the showe described lands and the spatiane or abalgrands of anal be asaigned
	the start of anote this lease in so lar as it covars a bart or parts of said lands the start default shall be
	superior the soft shall make due payments of said rentals. If the leased promises have been which the said leases or any as superior the premises, nevertheless, may be developed and operation as an entirety, and the royalties which be every or to each separate owner in the proportion that the acreage owned by him bears to the entire leased area. There shall be public to ration on the part of the leases to offset wells on separate tracts into which the land covered by this lease that here the shall be no obli- divided by said. Giving or the leases to offset wells on separate tracts into which the land covered by this lease that here the shall be no obli-
	ration on the part of the lesses to offset wells on separate tracks into which the entire leased area. There shall be no edi- divided by sale, devise, or dherwise, or to furnish separate tracks into which the land covered by this lesses may hereafter be into tracks.
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	Lensor hereby warrapits and agrees to defend the title to the lands herein described, and rereas that the lense shall have the right at any time to redeem for leasor by payment, any mortgages, taxes or other liens on the above described lands, in the event of default of payment by lessor, and be subrogated to the rights of the holder thereof.
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	whove welten, Witnessing the press
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STATE OF KANA COUNTY OF COLLECT The foregoing instrument will acknowledged before me this 23rd in Ohn & Soln and Juma 2, Bo ACKNOWLEDGMENT FOR INDIVIDUAL (KaOkCaNe) any of December 1.93. 5/19/9~ My commission expires Sime of Kansas Notary STATE OF COUNTY OF ... ACKNOWLEDGMENT FOR INDIVIDUAL (KeObColle) - ORY OF IN . had My commission expires Notary Public STATE OF ACKNOWLEDGMENT FOR INDIVIDUAL (KeObColle) COUNTY OF . The foregoing instrument was acknowledged before me this __ day of hy . and My commission expires __ Notory Public STATE OF . ACKNOWLEDGMENT FOR INDIVIDUAL (KeObCoNet COUNTY OF. The foregoing instrument was acknowledged before me this . . _ day of _ hy ___ My crimmission expires Notary 1414 Printing 8 an the **OIL AND GAS LEASE** 106-107 ER1 Alas 5 fur recard Page Terr P.M. FROM County instrument oue filed É Kansas o-check. Coffey Pebruary 000 ź the memory of this × 5 8 Linda Na. of Arres 4:45 STATE OF H County . in Rad 3 2 AND Z STATE OF _ ACKNOWLEDGMENT FOR CORPORATION, (K+OtCoN+) COUNTY OF _ The foregoing instrument was acknowledged before me this . _ day of . 19 by . of . . . corporation, on behalf of the corporation. My commission expires __ Notary Public . . .