

Well No. 342 [W-7201]

Elevation G.L. 36.0' D.F. 53.43' K.B.

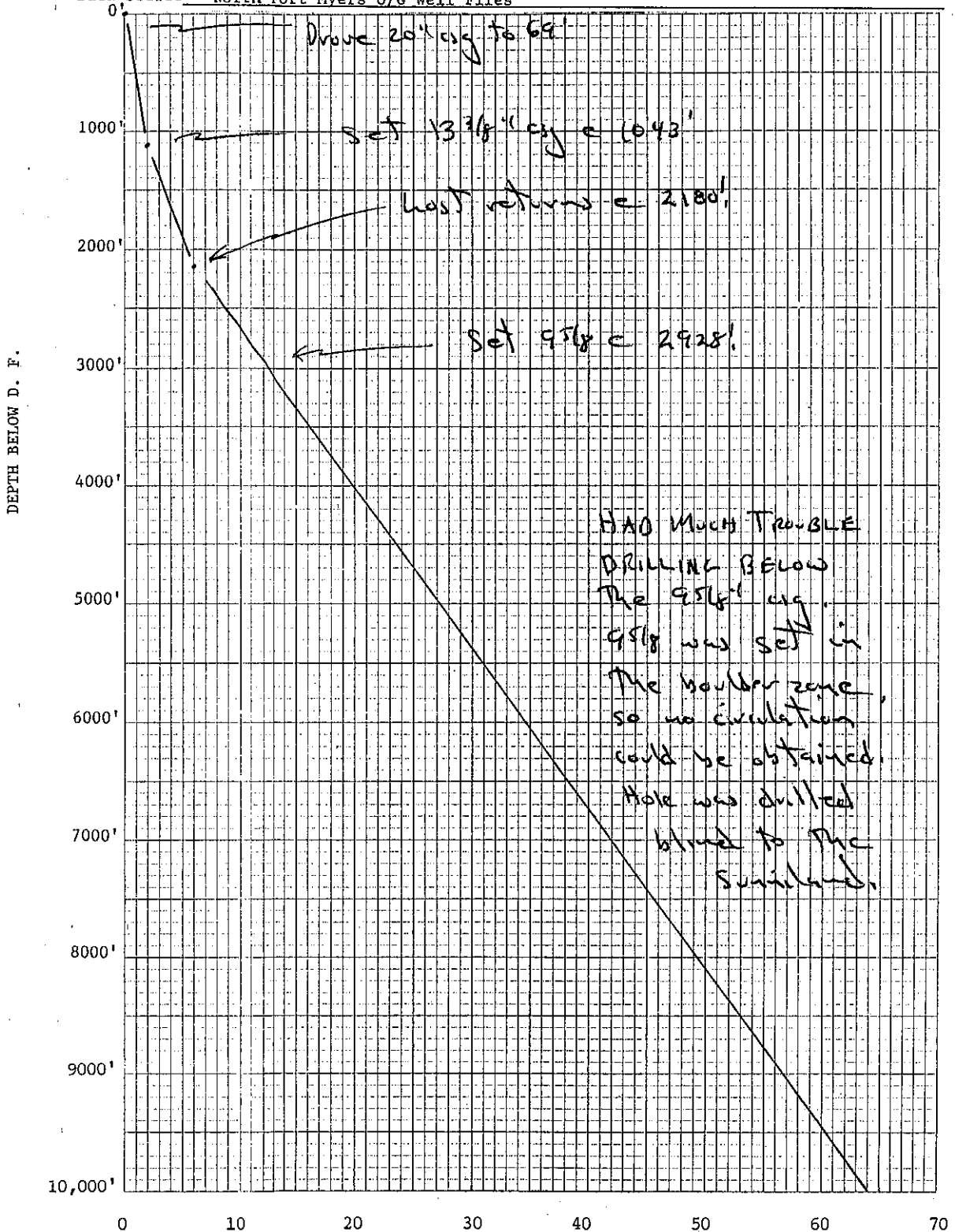
Location 1320' FSL, 1320' FEL

County Hendry

Sec. 20 T 45S R 29E TD 11,525'

Well or Owner's Name Sun 20-4 WIW SFU

Data Source North Fort Myers O/G Well Files



Permit #342  
W-7201  
Sun Oil Comp 20-4 SFU  
1320' FSL, 1320' FEL sec 20, T45S R29E  
Sunoco Felda Field  
Hendry County, Felda Quad  
GL: 36' DF: 53' TD: 11,525'  
Spud: 07/03/65 P&A: 06/27/86

Washed & unwashed cuttings are available from the Florida Geological Survey cuttings library in Tallahassee. Brief lith log of washed & unwashed cuttings by R.S. Caughey in November 1998. No description is given for unwashed cuttings if essentially the same as the washed.

<u>Depth in feet below DF</u>	<u>DESCRIPTION</u>
GL-60	No samples available.
60-90	Qz "gravel", vf-f-coarse-pebbles, the coarse/pebbles are rnd, ltly frosted, smoky, gray, sltly cloudy; vf-f are ang-subrnd, clear; 8-16% phos "gravel", as grns, pebbles, grs, most are bl, polished, some phos fos fragments.
90-120	60% Loose Qz sand, vf-f-m-c, most is coarse, ang-rnd, clear, smoky, sltly cloudy; 1% phos grs; 40% Ls, wh, sdy, v fos, numerous mollusk shell frags. Unwashed: As above, with minor calc silt/dust, some Qz grs with wk FeOx stain.
120-150	Same as the Qz/phos "gravel" @ 60'-90'.
150-160	Qz/phos "gravel", largely Qz pebbles and 10%-16% phos grns & pebbles & fos frags; some shell frags & v sdy Ls.
160-180	No sample available.
180-210	Same as @ 90'-120', with less Ls & shell frags.
210-585	No samples available.
585-600	30% Dol, yel gray, wh, f xln, subhedral, sucrosic, phos, sdy; 70% Ls, wh, sdy, phos, fos, mollusks, encrusting & cheilostome bryozoa, echinoid spines; minor pale olive, clayey dolosilt; some loose phos fos, grs, rare crust.
600-615	Ls/fos as above; minor Dol as above; 20-25% loose phos grs, grns, fos, minor crust(brn, brnsh bl, bl); minor dolosilt as above. Unwashed: (v small sample) Largely dolosilt as above.

Depth in feet  
below DF

DESCRIPTION

615-630	Dol, yel wh, yel gray, f xln, subhedral, sucrosic, sltly phos, some is vuggy, a little with fos unreplaced.
630-645	Dol as above; a little wh, fg-microgranular Ls with cheilostome bryozoa; a little grayish yel brn, vf xln, v phos Dol.
645-660	Dol as above, a little with cheilostome bryozoa unreplaced; some vf xln, v phos Dol; some loose phos fos & grns; minor grayish olive claystone.
660-675	As above. Unwashed: As above, with significant pale olive dolosilt.
660-675	(second sample)As above, washed & unwashed.
675-690	As above, with 1% loose phos fos, grns, grs; minor dolosilt.
690-705	Ls, v pale orange, porous, v sltly fg sdy, sltly phos, v fos, mollusks, some bryozoa; some wh, fg, fos, sltly sdy & phos Ls with mollusks & common red algae frags.
705-720	As above, a little is v wkly dolomitized.
720-735	As above, some is wkly-modly dolomitized by fine, euhedral, yel gray-grayish orange Dol; 2-3% Dol, yel gray, grayish orange, f xln, euhedral & subhedral; less wh, fg, sltly sdy & phos Ls with red algae frags.
735-750	As above, with essentially no wh, fg Ls/red algae & less Dol & dolomitized Ls.
750-780	Largely Ls, wh, v lt gray, phos, sltly sdy, fos, some mollusks.
780-795	As above, <u>Sorites</u> present.
795-810	Ss/Ls, v pale orange, v lt gray, wh, sltly phos, grades between a v sdy Ls to a calc Ss, Qz grs are f-vf-some med, clear, subang-subbrnd; some vpo-grayish orange, v sdy to sdy Ls rich in peloids, fos & some forams, porous, cemented by vf drusy calcite; minor Dol, sdy to v sdy, sltly phos, vf xln, subhedral, pale gray orange; some to significant Ls, v lt gray-lt gray, fg, sdy-v sdy, sltly phos, fos, mollusks, rare <u>Sorites</u> .
810-825	As above.
825-840	As above.

Depth in feet  
below DF

DESCRIPTION

840-855	As above, with 10-20% fossil hash Ls, sdy, v sltly phos, porous, shell frags with rnd edges, all cemented by vf drusy calcite.
855-870	As above, without the fos hash Ls.
855-870	(second sample) As above, with some fos hash Ls.
870-885	As above(855-870' second sample).
885-900	As above.
900-915	Ls, wh, some v lt gray, stgly rexal, moldic, v fos, sdy, sltly phos, mollusks, gastropods, some echinoid spines, a little f drusy calcite in some molds.
915-930	As above.
930-945	As above.
945-960	As above, overall more sdy & more f drusy calcite.
960-975	As above.
975-990	As above, with 5% lt gray, sltly phos, calc Ss.
990-1005	Ls, v pale orange(vpo), granular, porous, v fos, stgly rexal, no sand, no phos, mollusks, a few gastropods, bryozoa, echinoid spines, peloids & forams(?). Unwashed: As above, with minor greenish gray claystone.
1005-1025	As above.
1025-1040	As above, some forams.
1040-1055	As above.
1055-1070	As above.
1070-1085	As above.
1085-1100	As above, some microgranular Ls.
1100-1115	No sample available.
1115-1130	85% Loose Qz sand, med & coarse, rare pebble, subrnd-rnd, ltly frosted; 1% phos grs/grns; 15% mix of Ls as at 1005'-1100' & Dol, pinkish gray, f xln, subhedral/anhedral, pin point porosity.

<u>Depth in feet below DF</u>	<u>DESCRIPTION</u>
1130-1135	Ls, v pale orange, microgranular, numerous <u>Operculinoides</u> , <u>Camerina</u> & <u>Lepidocyclina</u> ; minor cement. [Surface hole drilled to 1135'DF. Surface casing set & cemented @ 1043'DF]
1135-1150	Ls/fos as above.
1150-1165	As above.
1165-1180	As above, <u>Operculinoides</u> more common than <u>Camerina</u> & <u>Lepidocyclina</u> .
1180-1195	Ls/fos as above.
1195-1210	As above.
1210-1225	As above.
1225-1240	As above.
1240-1255	As above.
1255-1270	As above.
1270-1285	As above.
1285-1450	No samples available.
1450-1465	As above @ 1270-1285'; trace Dol, yel wh & grayish orange, f xln, euhedral.
1465-1480	As above; rare Dol as above.
1480-1495	As above; trace-minor Dol as above.
1495-1510	Ls/fos as above; 30% Dol, yel gray to grayish orange, f xln, euhedral aggregates; trace Ls, fg, silty, carbonaceous; some echinoid spines.
1510-1525	As above; 35% Dol as above; some echinoid spines.
1525-1540	As above; 35% Dol as above, nearly all is grayish orange, a little is f xln, anhedral; some Ls, vpo, granular, stgly rexal, v fos; common coarsely xln calcite.
1540-1555	As above; 35% Dol as above; less granular Ls, little to no calcite.

Depth in feet  
below DF

DESCRIPTION

1540-1555	(second sample) Ls/fos as above; 40% Dol as above; ±5% Ls, fg, silty, sltly carbonaceous, partially dolomitized; rare echinoid body plates; some granular Ls & a little coarsely xln calcite.
1555-1570	Ls/fos as above; 15-25% Dol as above; minor silty, carbonaceous Ls.
1570-1585	Ls/fos as above; 35% Dol as above.
1585-1600	As above; 30% Dol as above.
1600-1615	As above; 20% Dol as above.
1615-1630	Ls, v pale orange(vpo) & grayish orange, foram & peloid rich, common echinoid spines; 5-10% Dol as above; some Ls/fos as above.
1630-1645	Ls/fos as above; minor Ls with v thin carbonaceous laminations; 2% Dol as above.
1645-1660	As above; minor Dol as above.
1660-1675	As above.
1660-1680	As above, with 2-4% Dol, grayish orange, f euhedral.
1680-1695	As above; trace Dol.
1695-1710	As above; rare <u>Dictyoconus cookei</u> ; minor silty, fg Ls.
1710-1725	As above; trace Dol.
1725-1740	As above.
1740-1755	Ls/fos as above, now more grayish orange & more stgly rexal than above.
1755-1770	Ls/fos as @ 1725'-40'.
1770-1785	As above.
1785-1800	As above, with a little vfg, lt & med gray Ls.
1800-1815	As above; minor gray Ls; minor carbonaceous Ls.
1815-1830	No sample available.
1830-1845	Ls/fos as above @ 1800-1815'; minor mod brn, fine, euhedral Dol.

<u>Depth in feet below DF</u>	<u>DESCRIPTION</u>
1845-1860	Ls/fos as above; trace Dol as above.
1860-1875	Ls, v pale orange(vpo), grayish orange, granular, stgly rexal, v fos; minor to 1% Dol, grayish orange, yel gray, fine euhedral.
1875-1890	As above.
1890-1910	No sample available.
1910-1925	Ls/fos as above @ 1875'-1890'.
1925-1940	As above.
1940-1955	As above.
1955-1970	As above.
1970-1985	As above.
1985-2000	As above.
2000-2015	As above.
2015-2030	As above, trace Ls with v thin carbonaceous laminations.
2030-2045	Ls, vpo & gray orange, stgly rexal, granular, v fos.
2045-2060	Ls/fos as above; 35-40% Dol, grayish orange, some yel gray, med-fine euhedral, common subhedral & anhedral.
2060-2075	Ls/fos/Dol as above.
2075-2090	No sample available.
2090-2105	Ls/fos/Dol as at 2060-2075'; Dol now @ 30% to 35%.
2100-2115	Ls/fos/Dol as above; Dol now @ ±40% & anhedral/subhedral are sltly greater than euhedral; trace-minor Ls with v thin carbonaceous laminations.
2115-2130	As above.
2130-2145	Ls/fos/Dol as above; Dol now @ 30% to 35%, now some mod brn, fine xln, anhedral Dol.
2145.& below	No samples available. Driller reported lost returns at 2180'DF.

Permit #342, W-7201, Felda Quad  
 Sun Oil 20-4 Sunoco Felda Unit  
 1320' FSL, 1320' FEL, sec 20  
 T45S R29E, Hendry County  
 Sunoco Felda Field  
 GL: 36' DF: 53' TD: 11,525'  
 Spud: 07/03/65 P&A: 06/27/86

342  
 Schlumberger

DUAL INDUCTION - SFL

CSU  
 Field Log

FT Myers

COMPANY: SUN EXPLORATION & PRODUCTION COMPANY  
 WELL: SUNOCO FELDA UNIT 20-4  
 FIELD: SUNOCO - FELDA  
 COUNTY: HENDRY  
 STATE: FLORIDA  
 LOCATION: 1320' FSL & 1320' FEL  
 SEC: 20 TWP: 45S RGE: 29E  
 PERMANENT DATUM: GL  
 ELEV. OF PERM. DATUM: RKB  
 LOG MEASURED FROM: RKB  
 DRILG. MEASURED FROM: RKB  
 DATE: 23 JUN 86  
 RUN NO: 1  
 DEPTH-DRILLER: 2220.0  
 DEPTH-LOGGER: 2220.0  
 BIT. LOG INTERVAL: 2214.0  
 TOP LOG INTERVAL: 1043.0  
 CASING-DRILLER: 1043.0  
 CASING-LOGGER: 1045.0  
 CASING: 13.375  
 BIT SIZE: 12.25  
 DEPTH: 2220.0  
 OTHER SERVICES-  
 DIL  
 BGT  
 RTS  
 PROGRAM  
 TAPE NO:  
 24.2  
 ELEVATIONS-  
 K3:  
 DF: 51.0  
 GL:

TYPE FLUID IN HOLE: SALT WATER  
 DENSITY:  
 VISCOSITY:  
 PH:  
 FLUID LOSS:  
 SOURCE OF SAMPLE: NONE  
 RM: AT  
 RMF: AT  
 RMC: AT  
 SOURCE RMF/RMC: /  
 RM AT BHT: AT  
 RMF AT BHT: AT  
 RMC AT BHT: AT  
 TIME CIRC. STOPPED:  
 TIME LOGGER ON BTH.: 1100  
 MAX. REC. TEMP:  
 LOGGING UNIT NO: 8193  
 LOGGING UNIT LOC: FT MYERS  
 RECORDED BY: BUCHEL  
 WITNESSED BY: GRAY  
 REMARKS:  
 EQUIPMENT NUMBERS-  
 DIS 686 DIC 1326 SGT 1288 IEM 323  
 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 INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.  
 FILE  
 7  
 CHANGED PARAMETERS



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FILE

7

CHANGED PARAMETERS

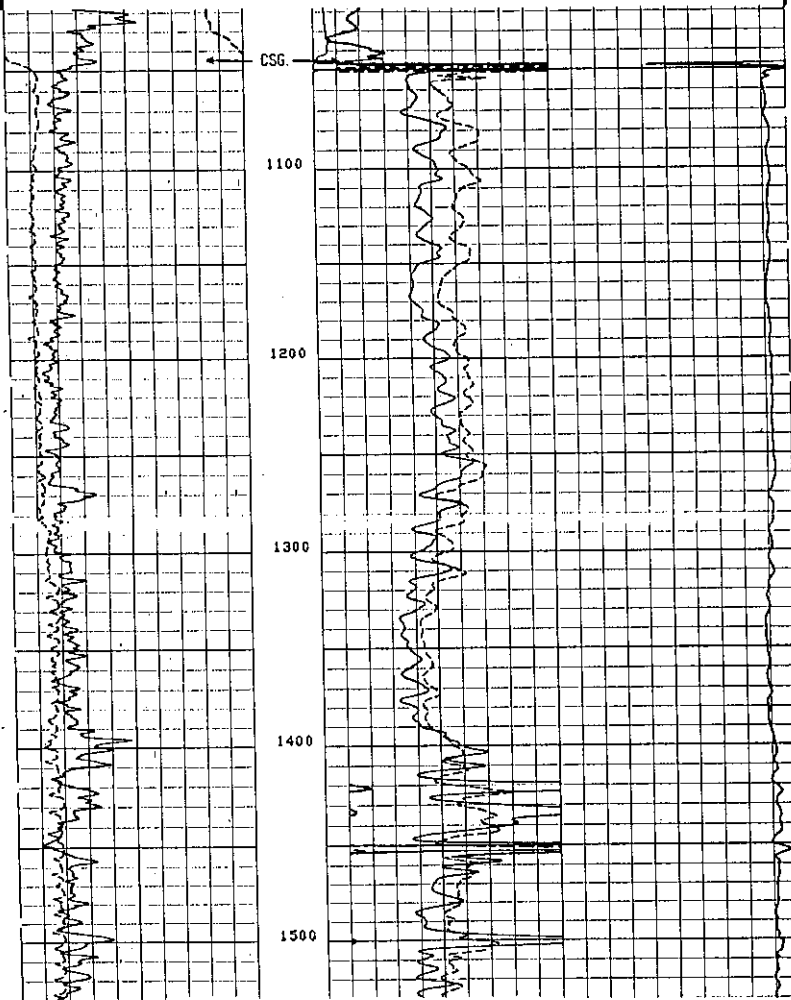
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DD	-1.90000	F	1400.0	DD	-2.00000	F	1299.0

GR <GAPI>	0.0	100.00	ILB <DHMM>	0.0	20.000
SP <MV>	-160.0	40.000	SFLB <DHMM>	0.0	20.000
			CILB <MMHQ>	2000.0	0.0

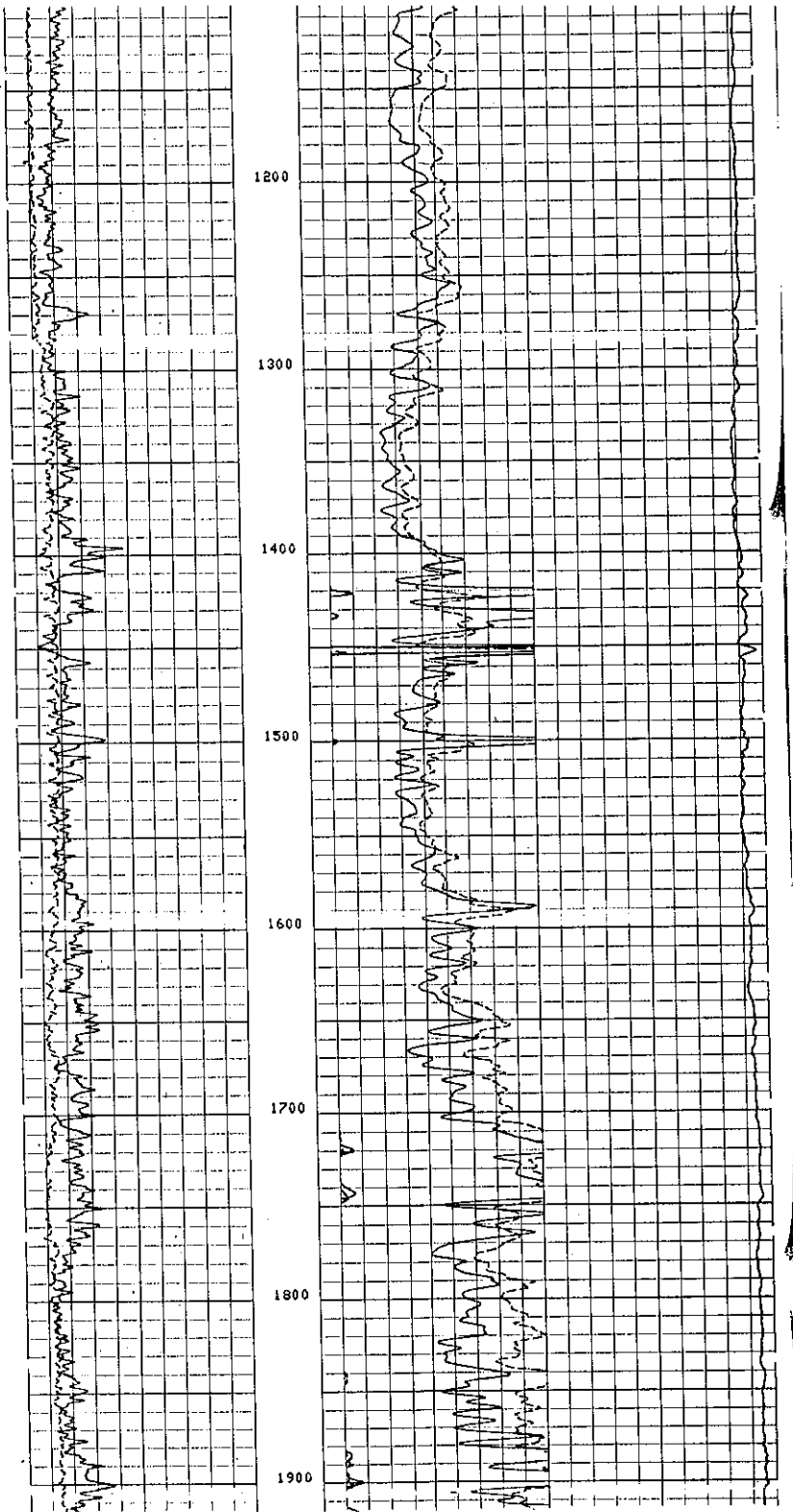
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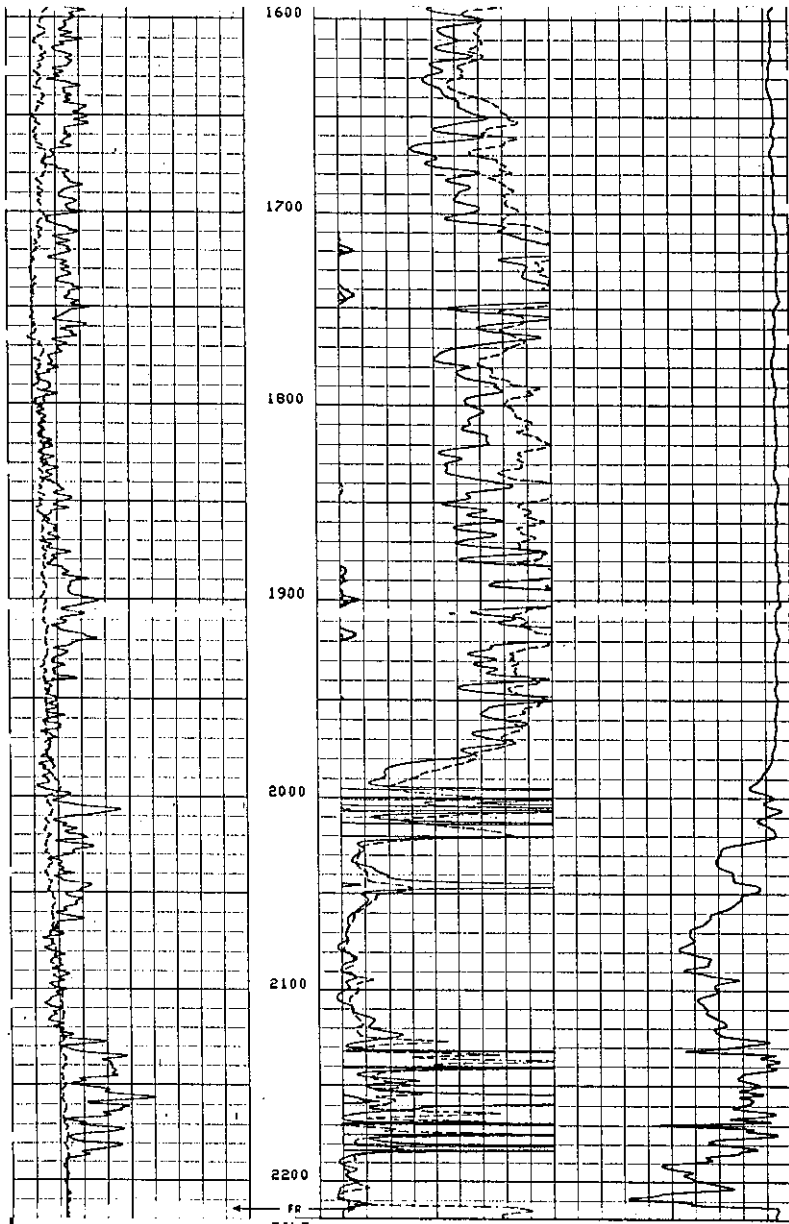
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Permit #342, W-7201, Felda Quad

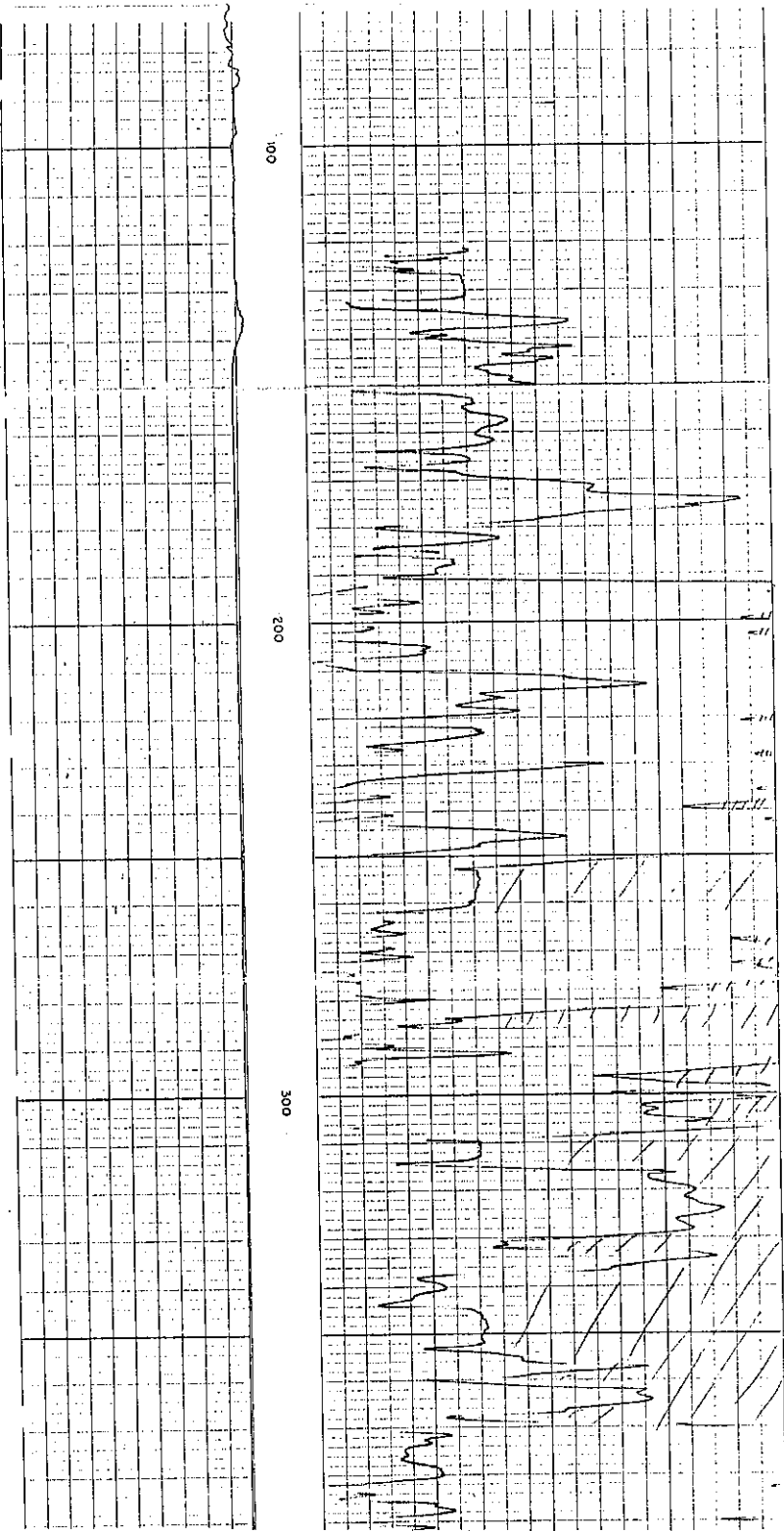
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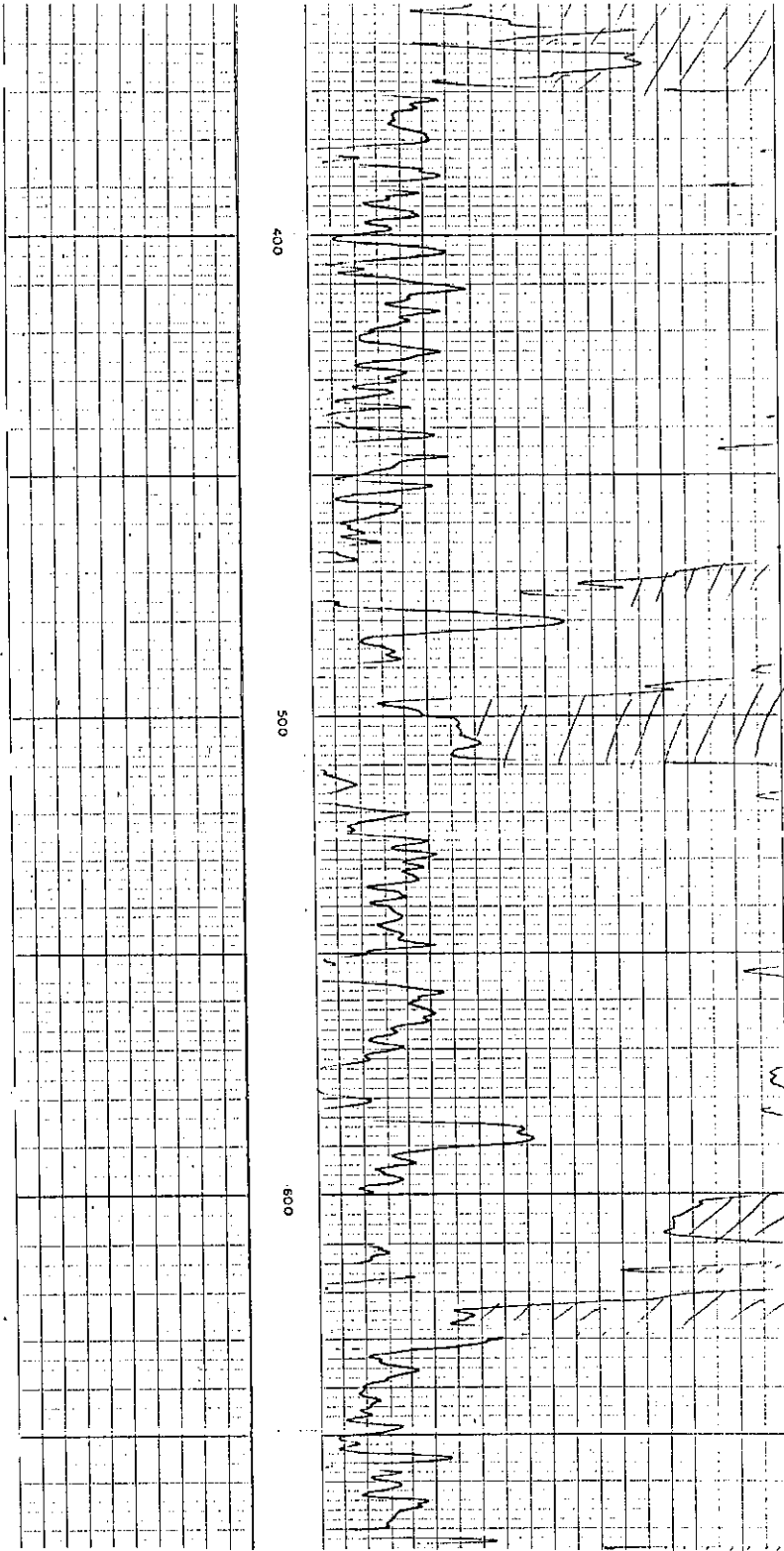


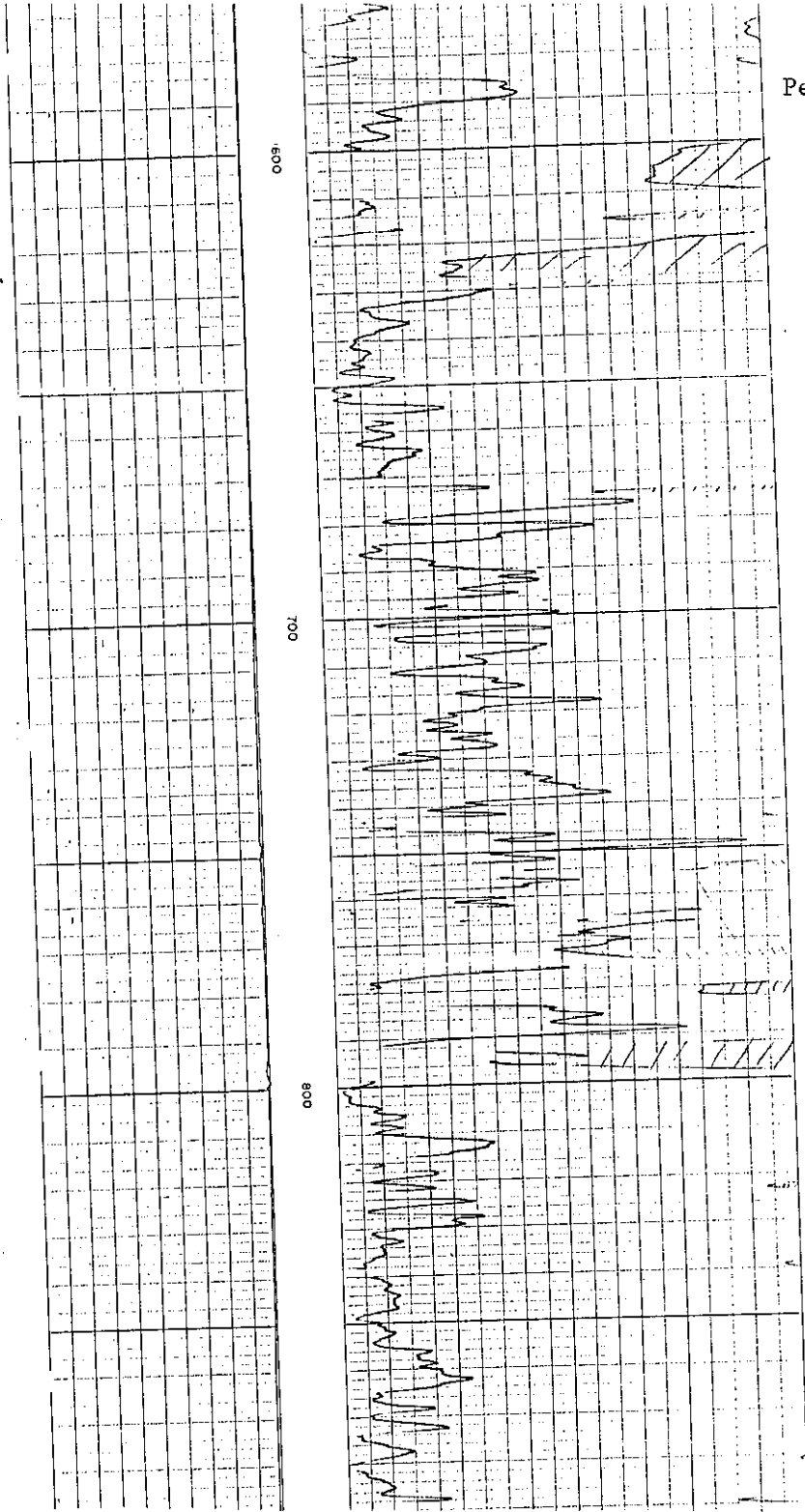


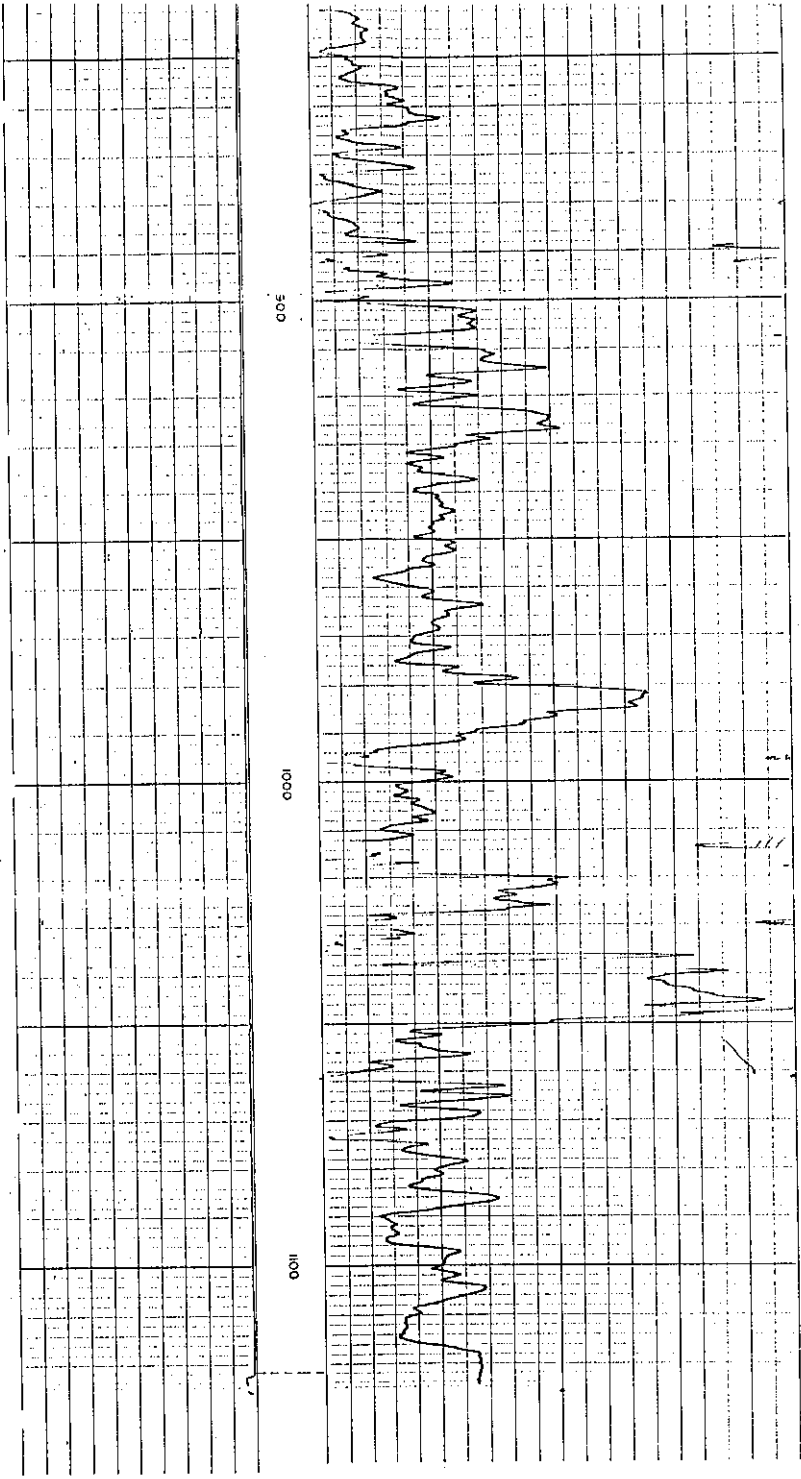
FR FILE 2		ILD (QHMM)		0.0 20.000	
GR (GAPI)		SFLA (QHMM)		0.0 20.000	
0.0	100.00	CILD (MMHQ)		2000.0 0.0	
SP (MY)					
-160.0	40.000				
SENSOR MEASURE POINT TO TENSION REFERENCE POINT					
ILD	6.9 FEET	GR	30.4 FEET	SFL	3.9 FEET
ILM	3.3 FEET	SP	.0 FEET		
SPAR	.0 FEET				





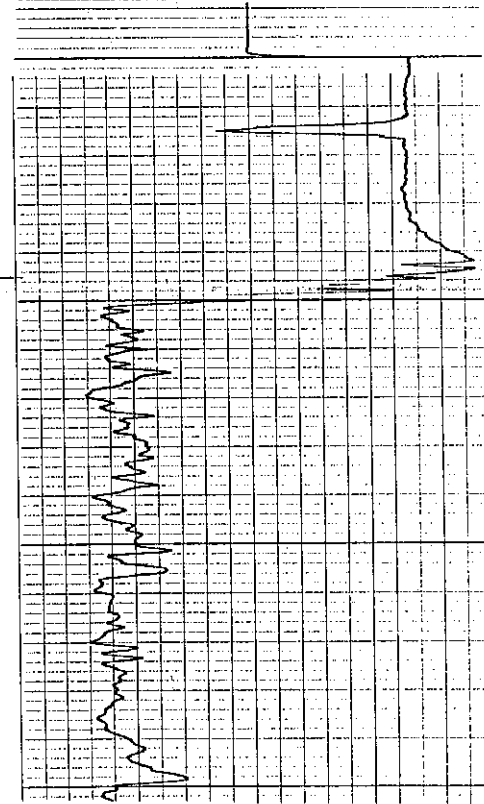
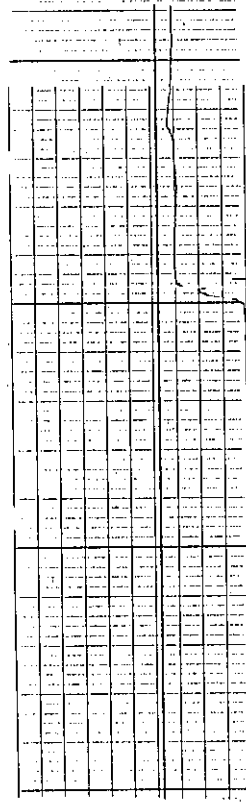
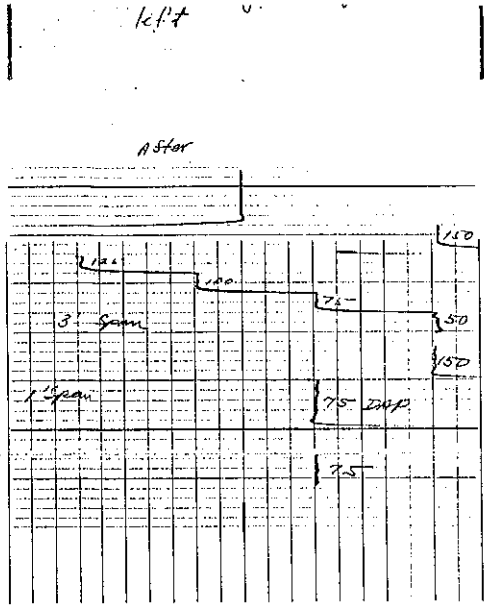
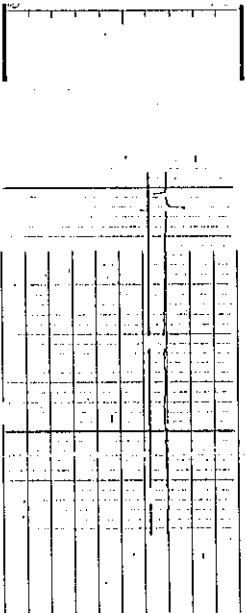




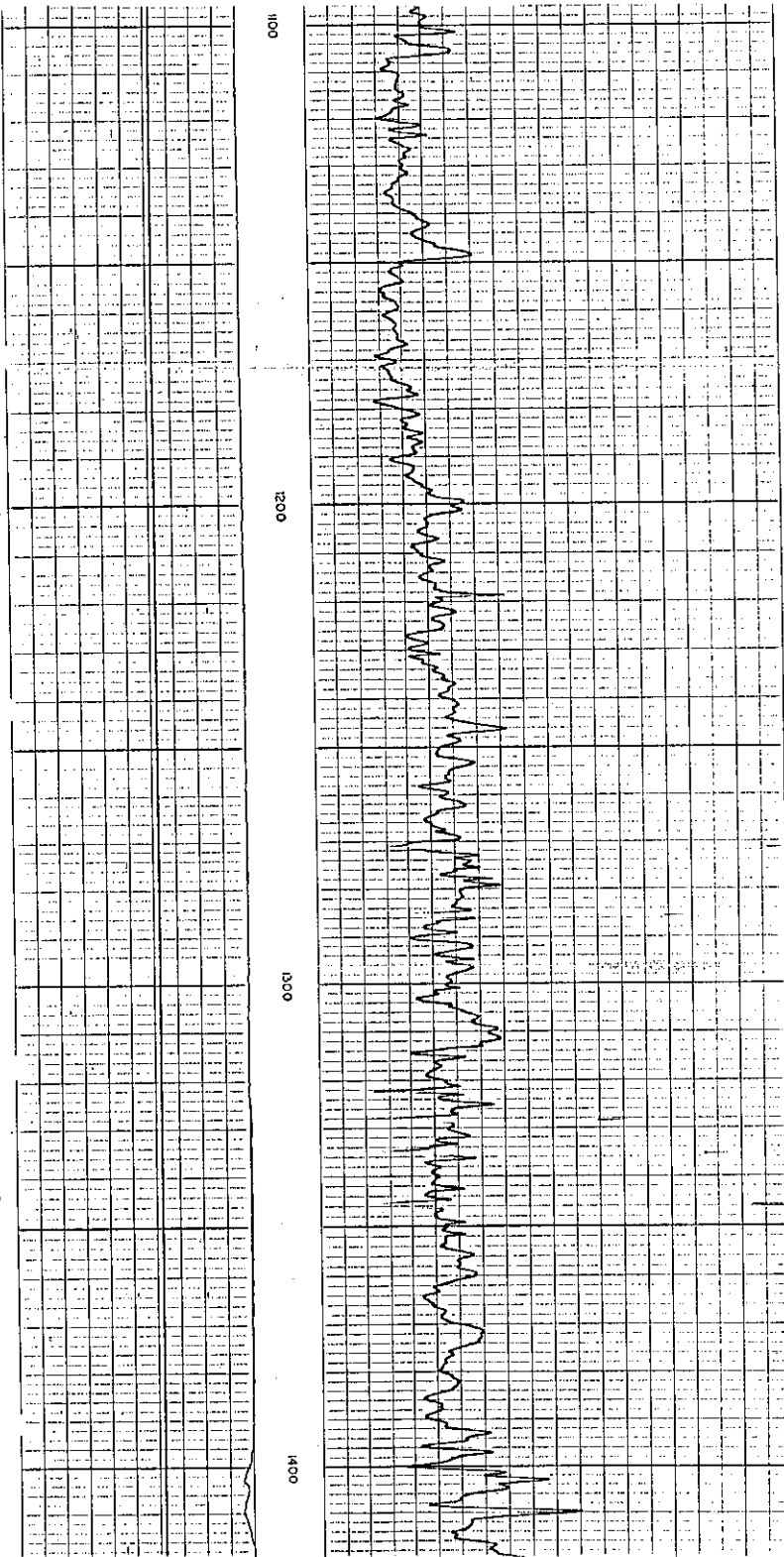




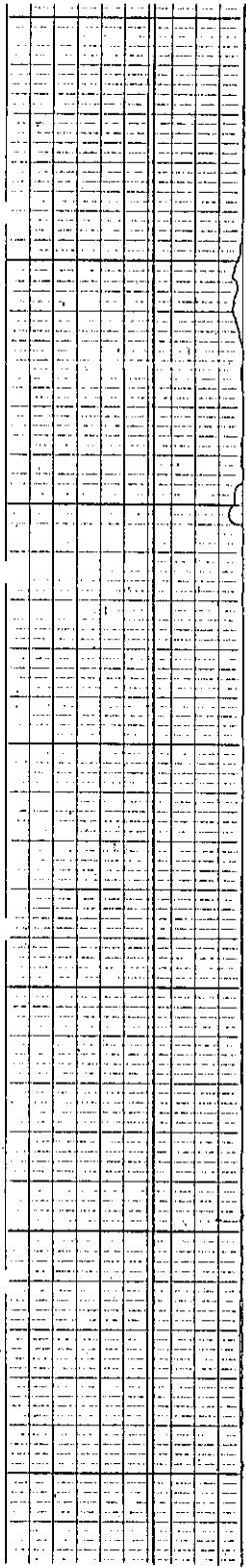




Permit #342, W-7201, Felda Quad



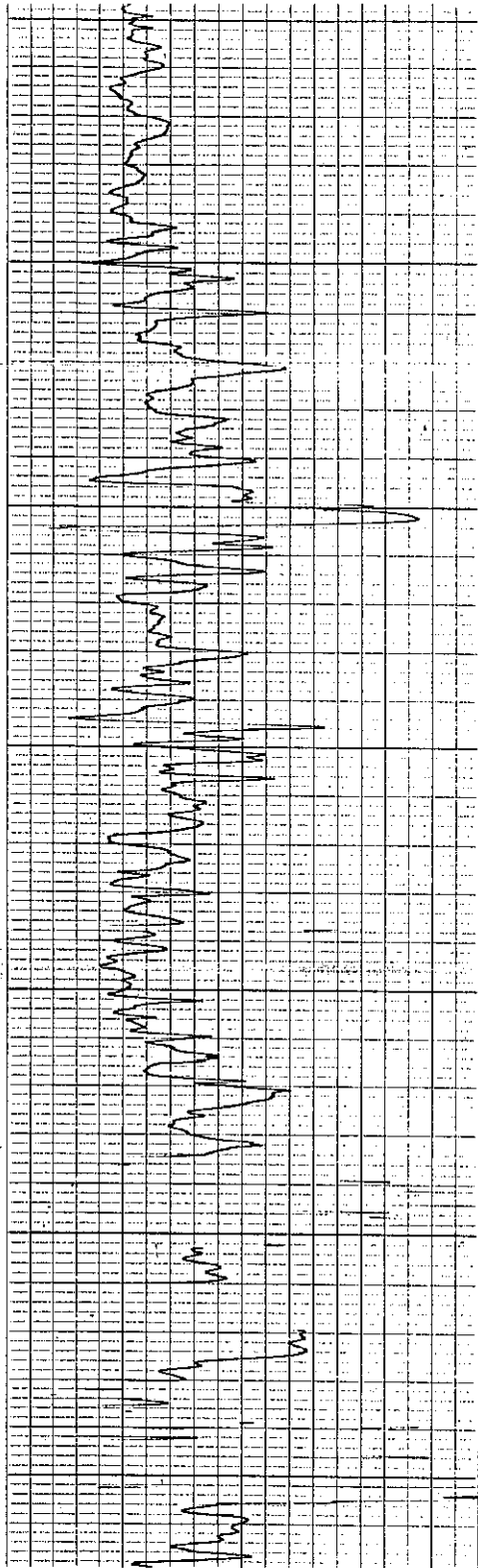
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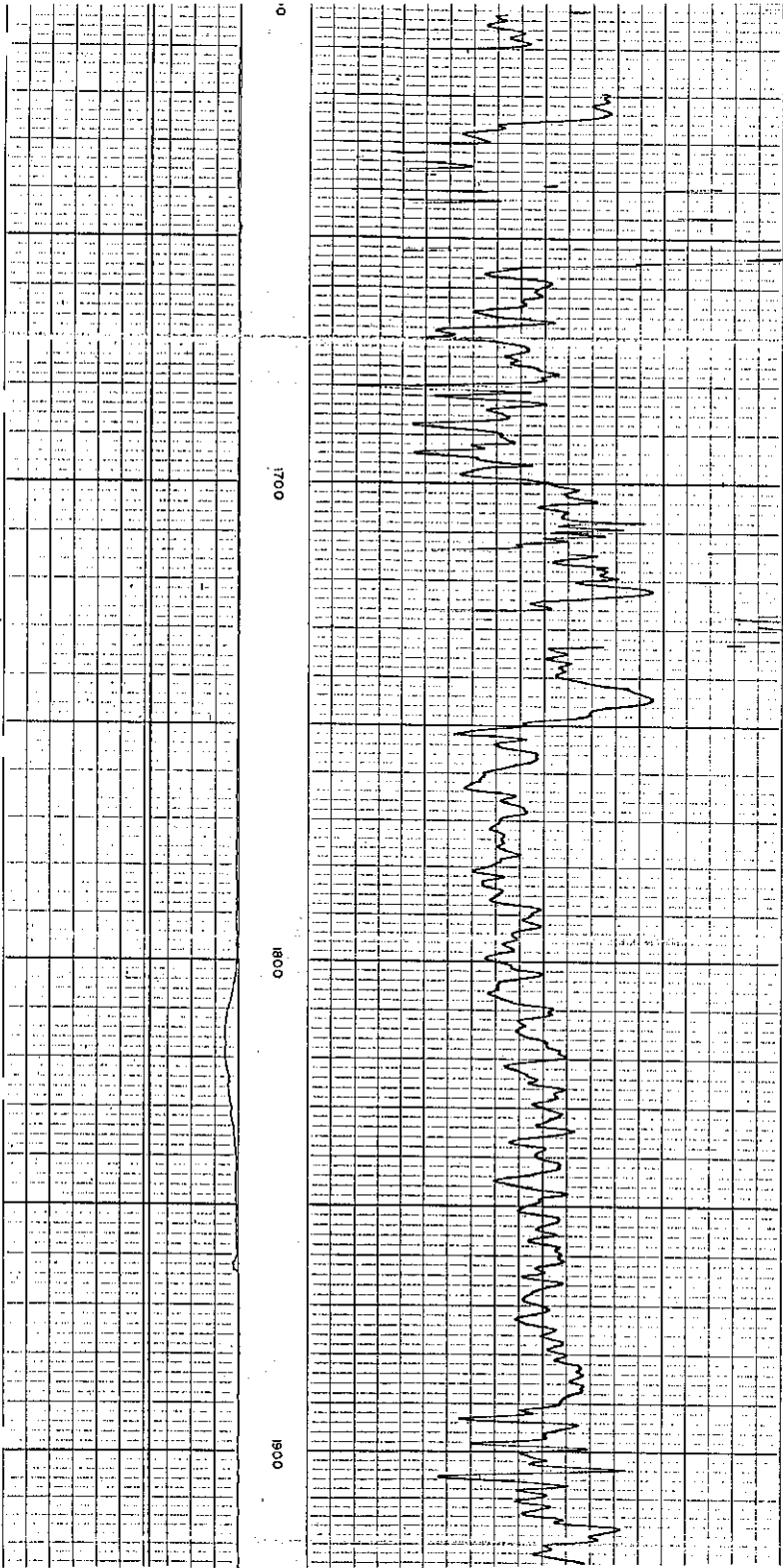


1400

1500

1600





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