GEARHART

COMPENSATED DENSITY COMPENSATED NEUTRON LOG

COMPANY	ODYSSEY JOINT VENTURE
WELL	CHAFFIN NO. 1
FIELD	WILDCAT
COUNTY	CASS
STATE	MISSOURI
Location	SW SE NE
Sec.	30
Twp.	44N
Rge.	33W
Elev.:	K.B. — D.F. — G.L. 1080

Date	3-2-81
Run No.	One
Depth–Driller	910
Depth–Logger	873
Bottom Logged Interval	872
Top Logged Interval	140
Type Fluid in Hole	Formation Fluid
Recorded By	Donaldson
Witnessed By	Steele

RECEIVED SEP 02 1982 MO. OIL & GAS COUNCIL

EQUIPMENT DATA

Run No.	Logging Unit	Location	Gamma Ray Tool No.	Compensated Density Tool No.	Source No.	Source Type	Source Str.	Compensated Neutron Tool No.	Source No.	Source Type	Source Str.
One	7104	Coffeyville	4225	2428	CSV-521	Cs.137	2 Cu.	9128	712A261N	AmBe-241	20 Cu.

CALIBRATION DATA

Run No.	Gamma Ray Bkg.	Gamma Ray Std.	Magnesium L.S.	Magnesium S.S.	Aluminum L.S.	Aluminum S.S.	Two Block L.S.	Two Block S.S.	Caliper L. Ring	Caliper S. Ring	Calibrator L.S.	Calibrator S.S.	Caliper L. Ring	Caliper S. Ring
One	40	120	974.8	482.4	210.5	317.1	--	--	5851	2649	--	--	6017	3417

LOGGING DATA

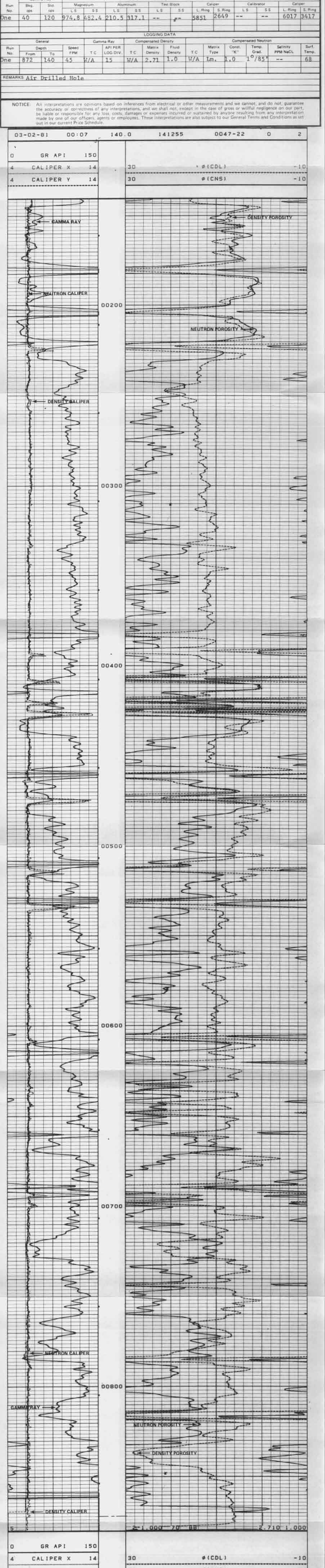
Run No.	Depth From	Depth To	Speed FPM	Gamma Ray T.C.	API PER LOG DIV.	T.C.	Matrix Density	Fluid Density	T.C.	Matrix Type	Const. "K"	Temp. Grad.	Salinity PPM NaCL	Surf. Temp.
One	872	140	45	N/A	15	N/A	2.71	1.0	N/A	Ls.	1.0	1°/85'	--	68

REMARKS Air Drilled Hole

NOTICE: 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.

03-02-81	00:07	140.0	141255	0047-22	0	2

0 GR API 150		φ(CDL)
4 CALIPER X 14	30	-10
4 CALIPER Y 14	30	φ(CNS) -10

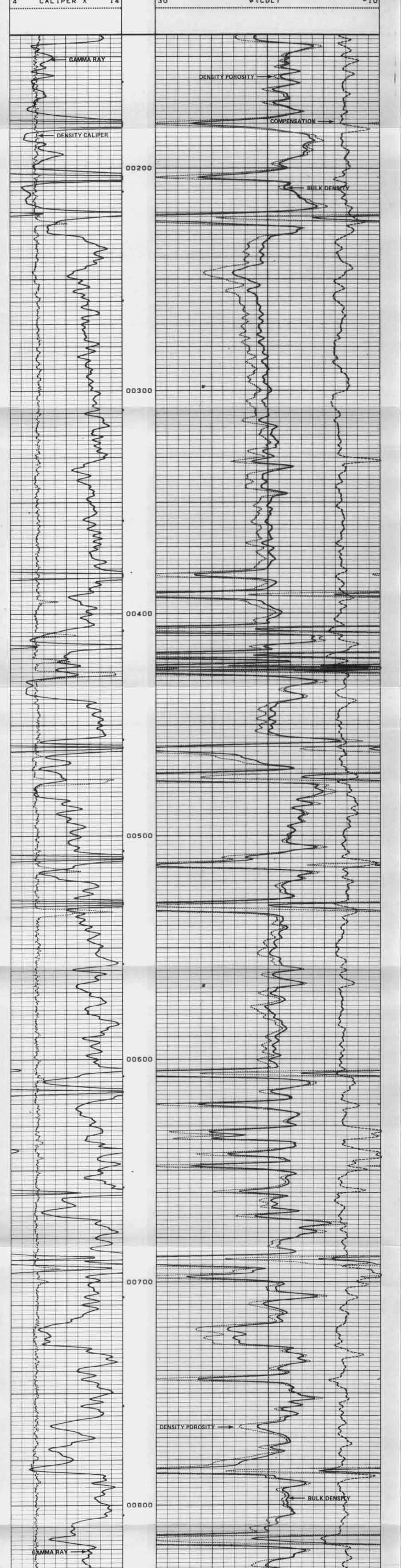


0 GR API 150	30	φ(CDL) -10
4 CALIPER X 14	30	φ(CNS) -10
4 CALIPER Y 14		

03-02-81	23:55	880.0	141255	0047-22	0	2

03-02-81	00:07	140.0	141255	0045-22	0	2

	-0.25 Δρ 0.25	
0 GR API 150	2.00 ρ(B) 3.00	
4 CALIPER X 14	30 φ(CDL) -10	



	-0.25 Δρ 0.25	
0 GR API 150	2.00 ρ(B) 3.00	
4 CALIPER X 14	30 φ(CDL) -10	

03-02-81	23:55	880.0	141255	0045-22	0	2

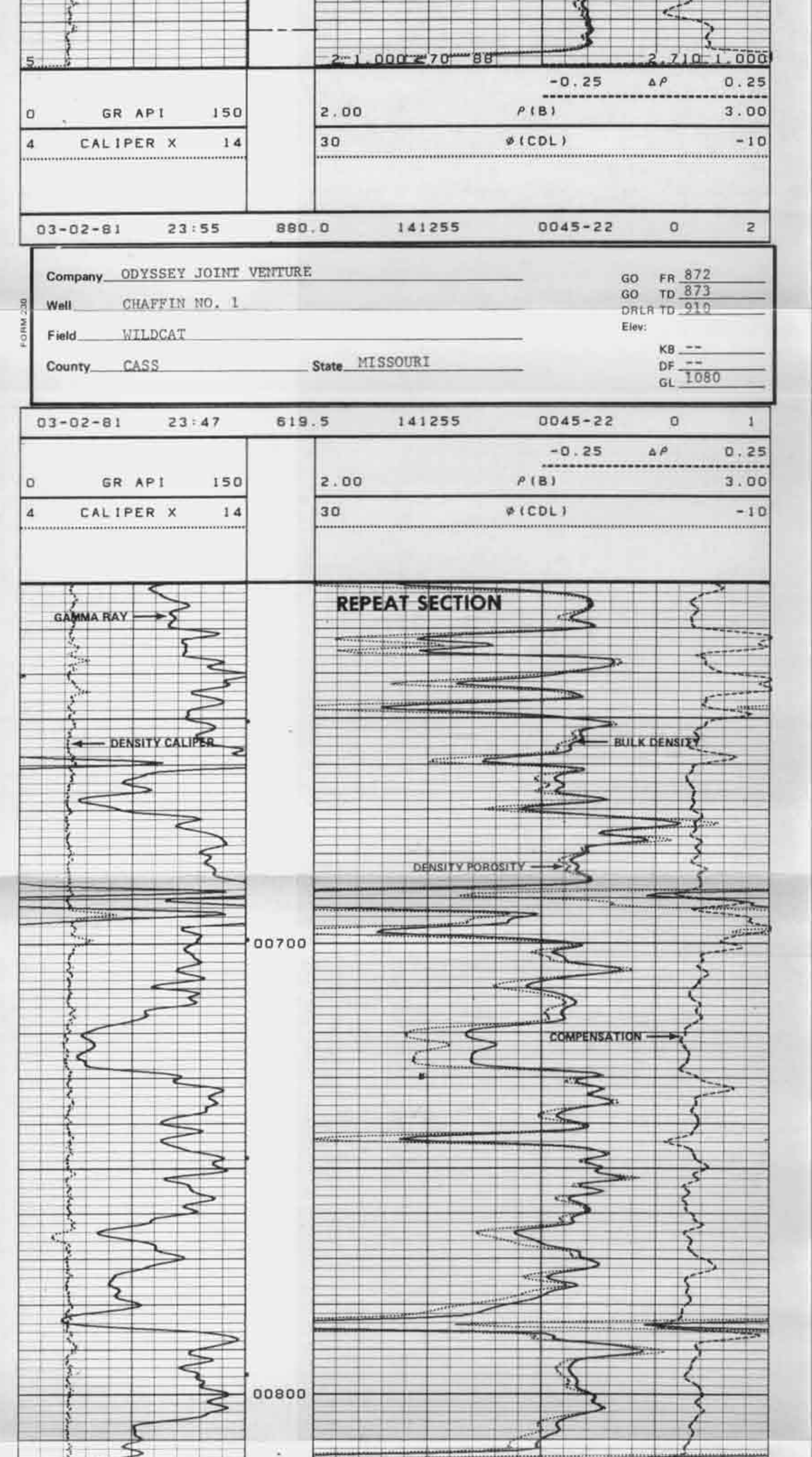
Company ODYSSEY JOINT VENTURE	GO FR 872
Well CHAFFIN NO. 1	GO TD 873
Field WILDCAT	DRLR TD 910
County CASS State MISSOURI	Elev.: KB -- DF -- GL 1080

FORM 230

03-02-81	23:47	619.5	141255	0045-22	0	1

	-0.25 Δρ 0.25
0 GR API 150	2.00 ρ(B) 3.00
4 CALIPER X 14	30 φ(CDL) -10

REPEAT SECTION



REPEAT SECTION

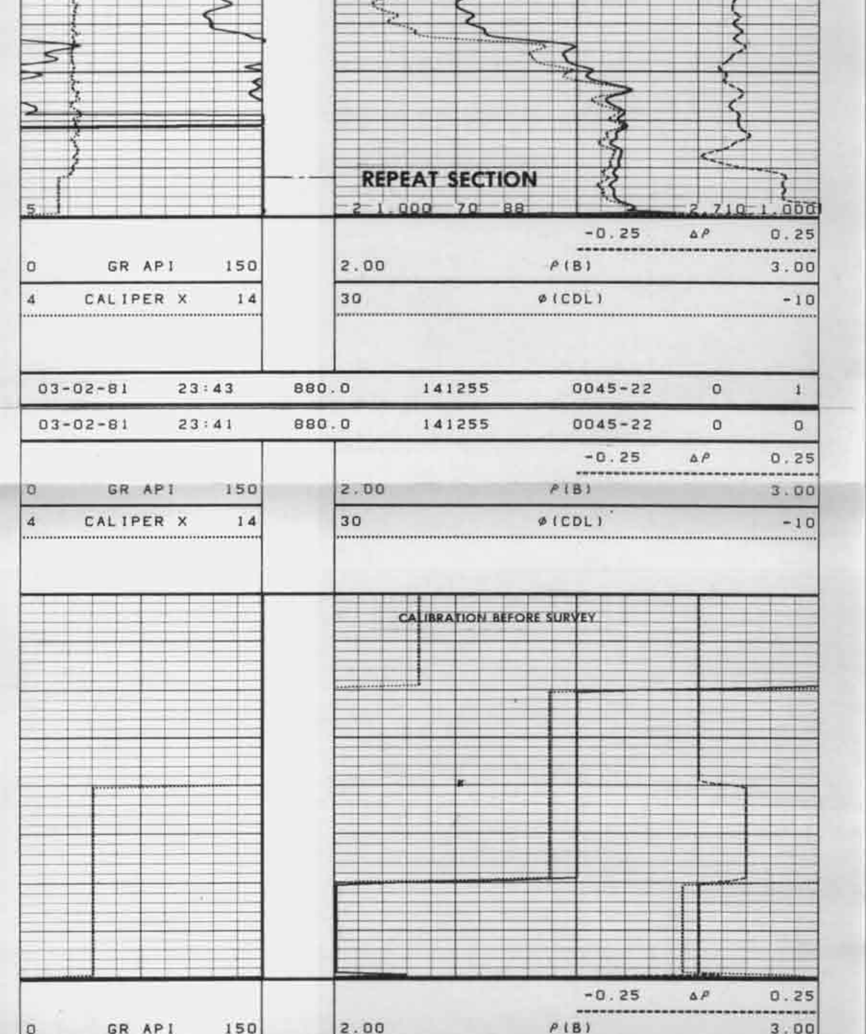
	-0.25 Δρ 0.25
0 GR API 150	2.00 ρ(B) 3.00
4 CALIPER X 14	30 φ(CDL) -10

03-02-81	23:43	880.0	141255	0045-22	0	1

03-02-81	23:41	880.0	141255	0045-22	0	0

	-0.25 Δρ 0.25
0 GR API 150	2.00 ρ(B) 3.00
4 CALIPER X 14	30 φ(CDL) -10

CALIBRATION BEFORE SURVEY



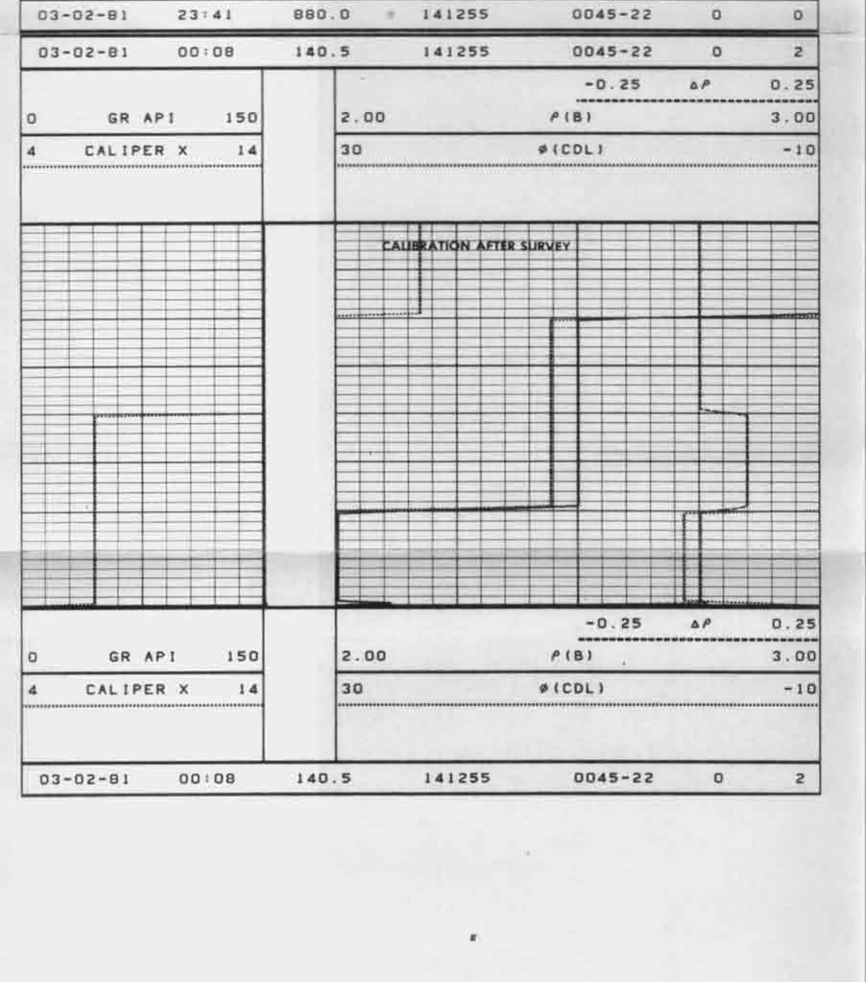
	-0.25 Δρ 0.25
0 GR API 150	2.00 ρ(B) 3.00
4 CALIPER X 14	30 φ(CDL) -10

03-02-81	23:41	880.0	141255	0045-22	0	0

03-02-81	00:08	140.5	141255	0045-22	0	2

	-0.25 Δρ 0.25
0 GR API 150	2.00 ρ(B) 3.00
4 CALIPER X 14	30 φ(CDL) -10

CALIBRATION AFTER SURVEY



	-0.25 Δρ 0.25
0 GR API 150	2.00 ρ(B) 3.00
4 CALIPER X 14	30 φ(CDL) -10

03-02-81	00:08	140.5	141255	0045-22	0	2