

JOHN O. FARMER, INC.

P.O. Box 352

Russell, KS 67665

(785) 483-3144

Distribution:

Presley Petroleum

Terry Marple

Grand Prairie

Gerald N. Furseth

Paul Simpson

Kirk Rundle

Terry Piesker

BRUNGARDT #1

1170' FSL & 1500' FWL

Sec. 5-13S-17W

Ellis County, Kansas

2016 'G.L.

2024 'K.B.

6/18/2009 9:08

Drilling Contractor:

Discovery Drilling - Rig #1

Cell. (785) 635-1201 (Tom Alm)

Toolpusher - Cliff Mayfield

Cell. (785) 635-9311

Geologist - Randy Kilian

Cell (785) 635-1349

Home (785) 628-6061

API #15-051-25181

TIGHT HOLE - DO NOT RELEASE INFORMATION**1/18/2003**

Moved in Discovery Rig #1, spud at 2:00 PM. Drilled 221' of 12 1/4" hole, ran 5 Jts New 23# 8 5/8" Casing (210.46'), set at 220.46'. Cemented with 150 sx Common, 2% Gel, 3% CC. Cement did circulate, completed at 6:30 PM. Drilled plug at 2:30 AM on 1/19/2003.

1/19/2003

604', drilling.

1/20/2003

2351', drilling.

1/21/2003

3103', drilling.

DST #1 - 3255'-3371' (Toronto - Lans D)

30"-45"-45"-60"

IF: Strong to BOB in 12", weak blow back

FF: Strong to BOB in 13", strong blow back

Rec: 350' Gas in Pipe**220' GWMCO (10% Water, 50% Oil)****60' GOWCM (30% Water, 20% Oil) Chlorides 60,000****280' Total Fluid**

FP: 27-95#, 83-131#

SIP: 1015-948#

HP: 1537-1531#

BHT: 99°

1/22/2003

3371', coming out of hole with DST #1

DST #2 - 3371'-3417' (Lans F & G)

30"-30"-60"-60"

IF: Strong to BOB in 30", weak blow back

FF: Strong to BOB in 35", weak blow back

Rec: 150' Gas in Pipe**45' HO&GCM (40% Oil, 5% Gas, 55% Mud)****60' GO&WCM (10% Oil, 5% Gas, 20% W, 65% Mud)****125' MW (30% Mud, 70% SW) chlorides 80,000****230' Total Fluid**

FP: 23-66#, 69-125#

SIP: 789-775#

HP: 1607-1540#

BHT: 100° F

1/23/2003

3572', circulate for samples.

DST #3 - 3539'-3578' (Top 14' of Arbuckle)

30"-30"-30"-60"

IF: Blow to BOB in 2", 1/2 Blow back

FF: Blow to BOB in 2", 1/2 Blow back

Rec: 60' Gas in Pipe**90' MGO (7% Gas, 20% Mud, 73% Oil)****1430' Cl. Oil (24° API)****1520' Total Fluid**

FP: 199-414#, 406-596#

SIP: 1108-1099#

HP: 1685-1671#

BHT: 109° F

1/24/2003

3590', coming out of hole with DST #4

DST #4 - 3583'-3590' (19-26' into Arbuckle)

30"-30"-30"-60"

IF: Blow to BOB in 4", No blow back

FF: Blow to BOB in 9", No blow back

Rec: 750' Clean Oil (22° API)

FP: 37-177#, 178-293#

SIP: 1120-1123#

HP: 1707-1680#

BHT: 109° F

Frontier Herald NW NW SE Sec. 5-13-17 2051 KB			Estim. from 3D Seismic	JOHN O. FARMER, INC. BRUNGARDT #1 2024 Sample E-Log			
Anhydrite	1278	773	768	1254	770	1262	762
Topeka	3056	-1005		3027	-1003	3032	-1008
Heebner	3294	-1243	-1239	3267	-1243	3270	-1246
Toronto	3314	-1263		3288	-1264	3290	-1266
Lansing	3340	-1289	-1285	3313	-1289	3316	-1292
Stark Sh	3531	-1480		3501	-1477	3504	-1480
B/KC	3571	-1520		3541	-1517	3546	-1522
Arbuckle	3596	-1545	-1534	3564	-1540	3566	-1542
RTD	3609	-1558		3660	-1636		
LTD						3663	-1639



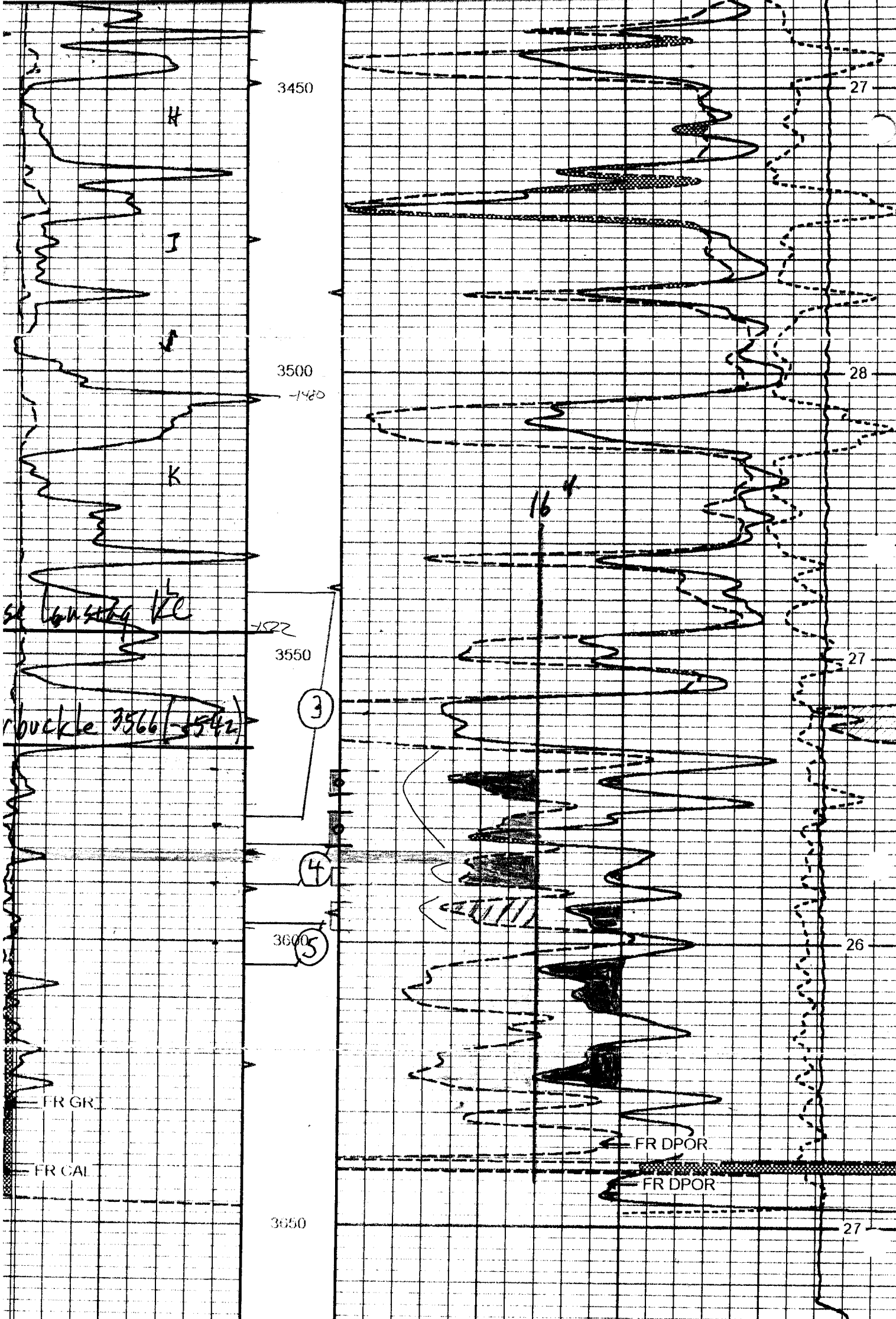
Dual Compensated Porosity Log

TAL LOG

785-625-3858

No.	Company John O. Farmer, Inc.		
	Well Brungardt #1		
	Field		
	County Ellis	State Kansas	
	Location 1070' FSL & 1500' FWL 1170'		Other Services DIL BHCS/MEL
	Sec: 5	Twp: 13S	Rge: 17W
	Permit Datum	Ground Level	Elevation 2016
	Measured From	Kelly Bushing	8 Ft. Above Perm. Datum
	Measured From	Kelly Bushing	
			K.B. 2024 D.F. G.L. 2016
		01/25/2003	
Number		One	
Log		CNL / CDL	
Driller		3660	
Logger		3663	
Logged Interval		3662	
Logged Interval		Surface Casing	
Fluid in Hole		Chemical	
Conc. PPM CL		6.000	
Porosity		9.0	
Level		Full	
Spec. Temp. F		115	
Logging Rig Time		45	
Permit -- Location		007 Hays	
Designed By		C. McLaughlin	
Checked By		Randy Kilian	
Borehole Record		Casing Record	
Bit	From	To	Size Wgt. From To
12.25	Surface	220	8.625 24 Surface 220
7.825	220	3660	

(Watney)



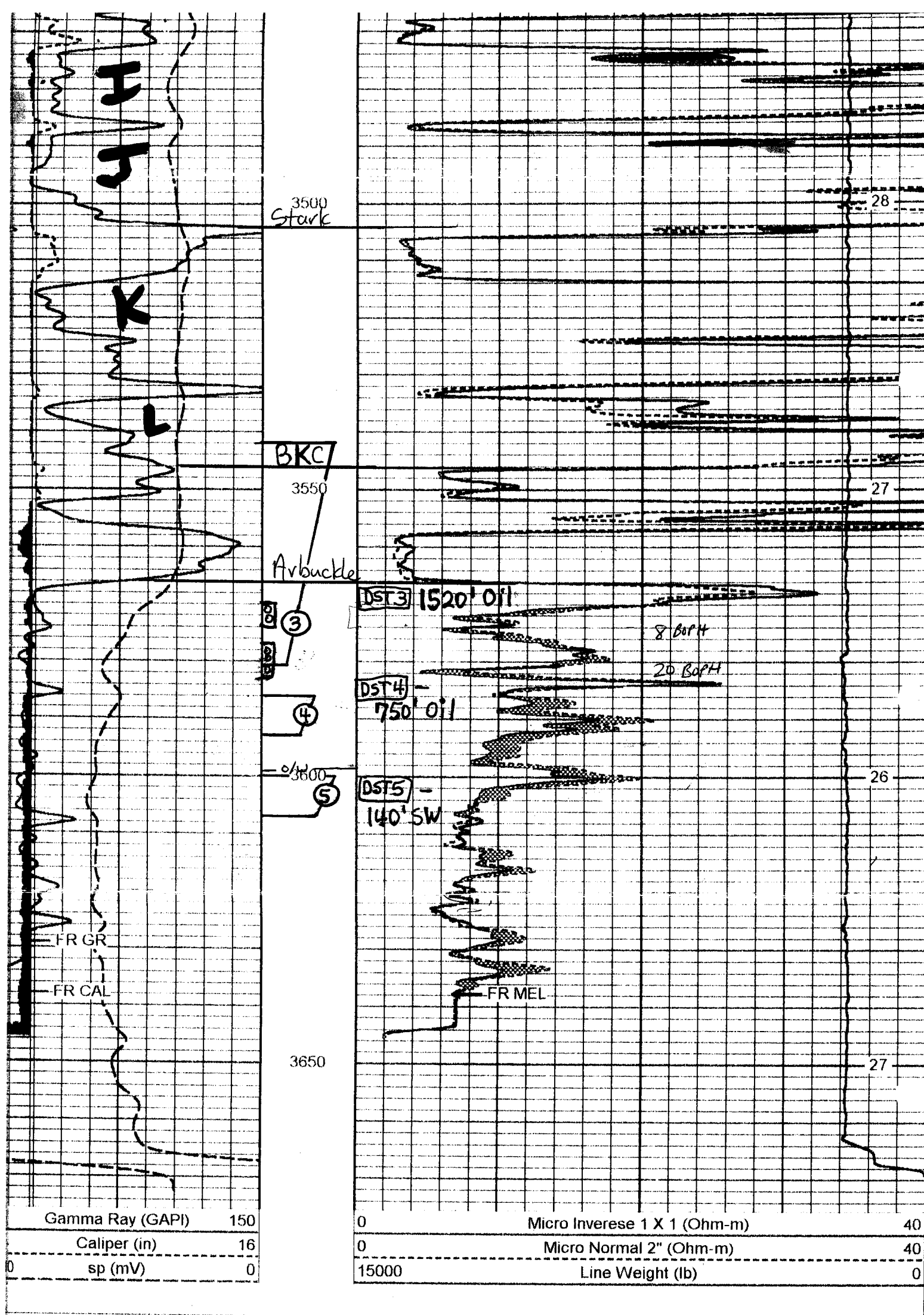
Gamma Ray (GAPI)	150	30	Compensated Neutron (pu)	-10
Caliper (in)	16	30	Compensated Density (pu)	-10
		15000	Line Tension (lb)	0
			-0.25	Correction (g/cc) 0.25

3570-74, 3577-83, 3587-90, 3593-96

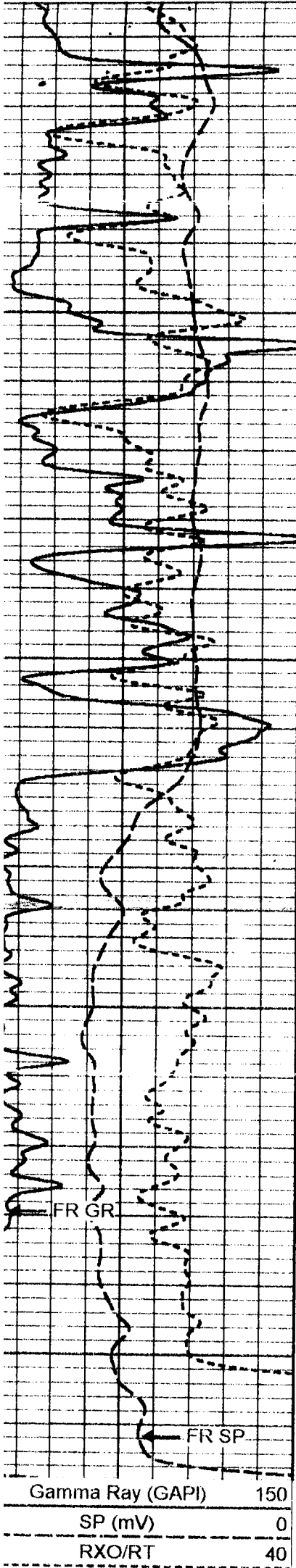
Start 3570-74, 3577-83, 3587-90, 3593-96



Depth Section



Repeat Section

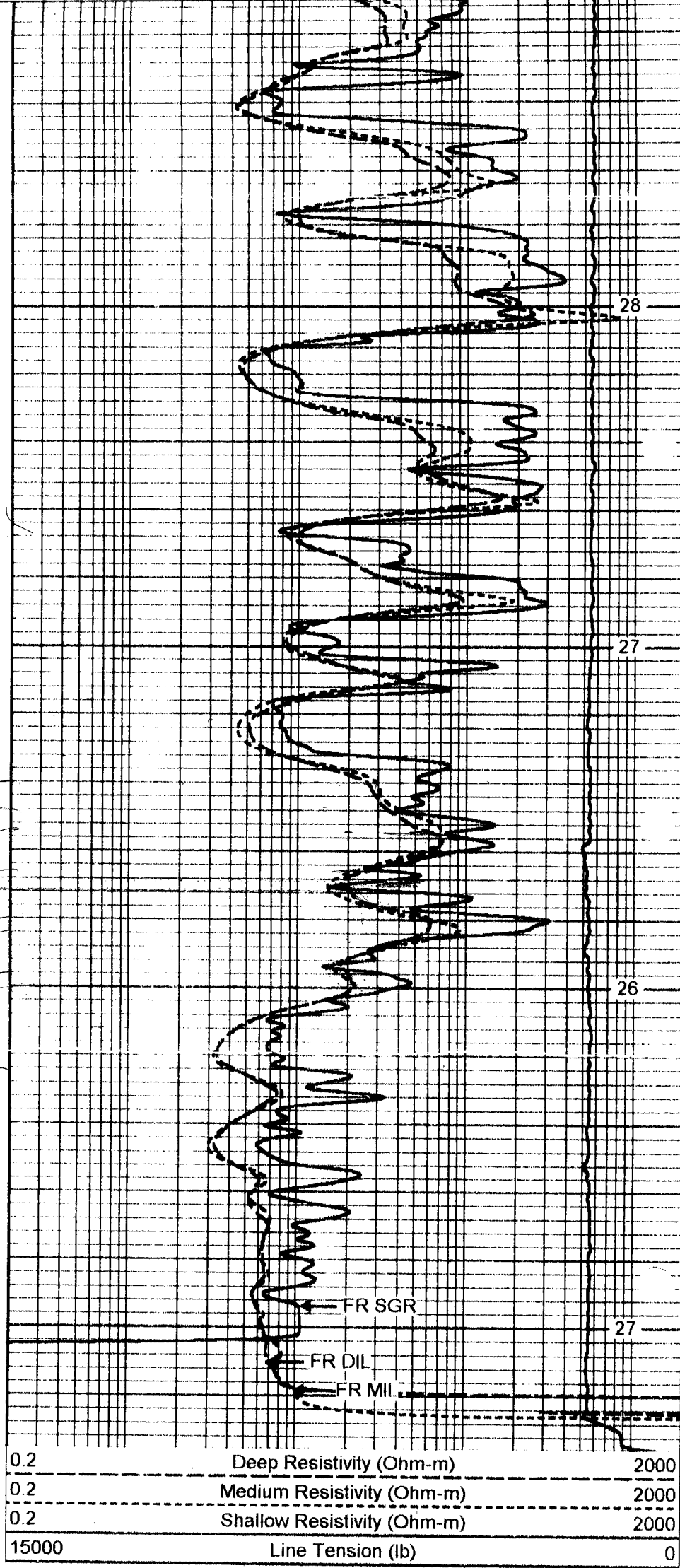


3500

3550

3600

3650



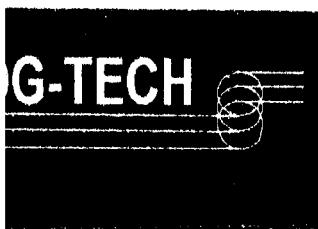
28

27

26

27

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
15000	Line Tension (lb)	0



Repeat Section

Database File: farmer.db
Dataset Pathname: stack/pass1
Section Format: dil