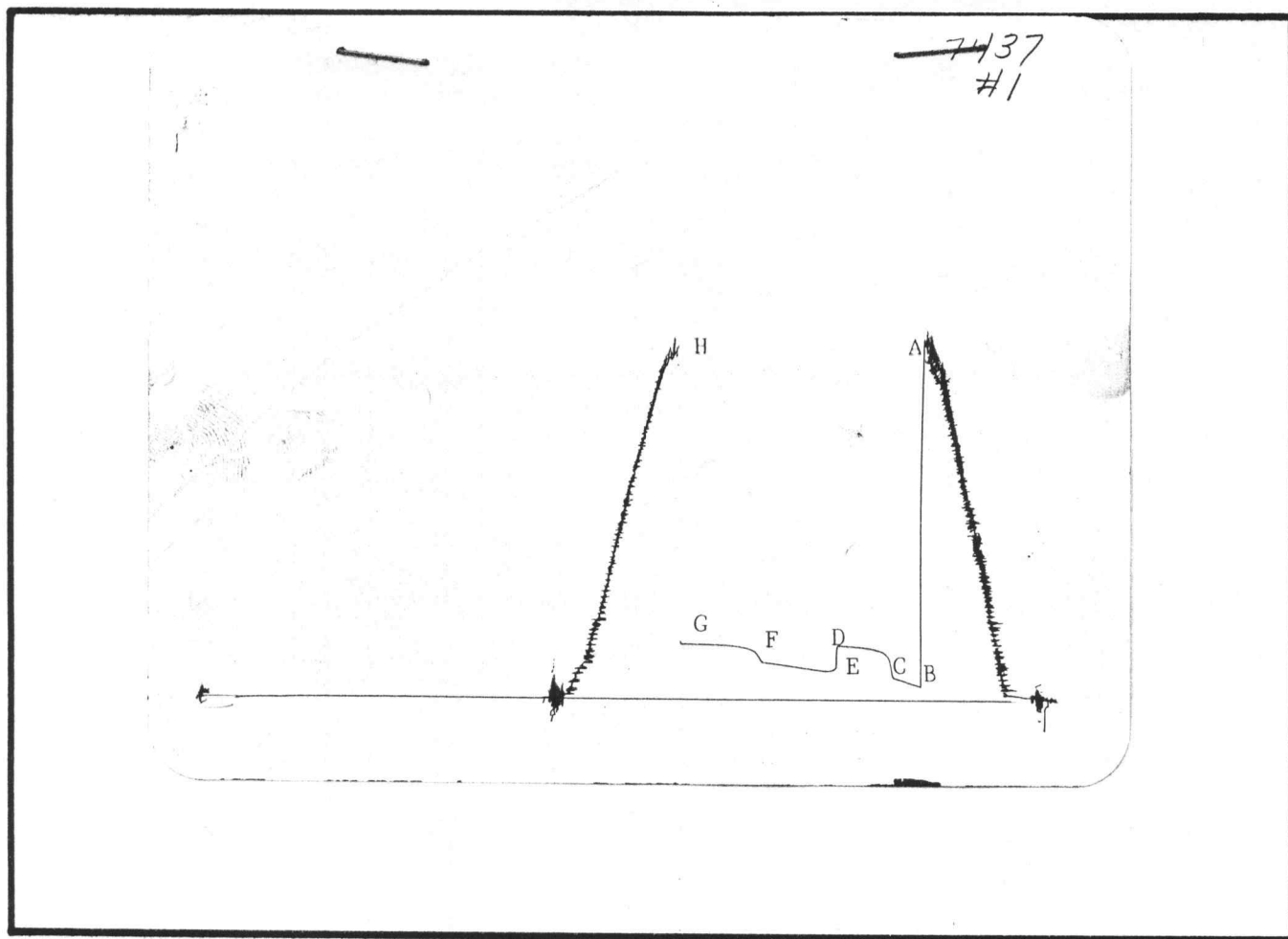




This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2086	2081
(B) First Initial Flow Pressure	76	75.7
(C) First Final Flow Pressure	131	118.9
(D) Initial Closed-in Pressure	316	317.8
(E) Second Initial Flow Pressure	163	165.4
(F) Second Final Flow Pressure	207	212.9
(G) Final Closed-in Pressure	316	321.0
(H) Final Hydrostatic Mud	2023	2018
		PSI

CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Oil Capital Corporation	Test No.	1
Well Name & Number	James #3	Zone Tested	Lansing "A"
Company Address	520 Farmers & Bankers Bldg. Wichita	Date	9-21-85
Company Rep.	Glenn Tracy	Tester	Dan Bangle
Contractor	Abercrombie Drilling, Inc.	Elevation	2782
Location: Sec. 19 Twp. 16s Rge. 28w Co. Lane	State Ks.	Est. Feet of Pay	

Recorder No. 7437 Type AK-1 Range 4200 PSI
 Recorder Depth 3973 Clock # 23858
 (A) Initial Hydrostatic Mud 2086 PSI
 (B) First Initial Flow Pressure 76 PSI
 (C) First Final Flow Pressure 131 PSI
 (D) Initial Shut-in Pressure 316 PSI
 (E) Second Initial Flow Pressure 163 PSI
 (F) Second Final Flow Pressure 207 PSI
 (G) Final Shut-in Pressure 316 PSI
 (H) Final Hydrostatic Mud 2023 PSI
 Temperature 112⁰
 Mud Weight 9.5 Viscosity 43
 Fluid Loss 10
 Interval Tested 3958-3980
 Anchor Length 22
 Top Packer Depth 3953
 Bottom Packer Depth 3958
 Total Depth 3980
 Drill Pipe Size 4 1/2" XH
 Wt. Pipe I. D. 2.70 Ft. Run 637
 Recovery-Total Feet 366

Recovered 5 Feet Of Free Oil Gravity: 25⁰
 Recovered 30 Feet Of Heavy Oil Cut Mud (15% Oil/ 85% Mud)
 Recovered 331 Feet Of Water
 Recovered _____ Feet Of _____
 Recovered _____ Feet Of _____
 Recovered _____ Feet Of _____

Extra Equipment _____ Price of Job 550.00

Recorder No. 13278 Type AK-1 Range 4400 PSI
 Recorder Depth 3976 Clock # 25719
 Tool Open Before I.S.I. 30 Mins.
 Initial Shut-in 45 Mins.
 Flow Period 60 Mins.
 Final Shut-in 60 Mins.
 Top Choke Size 1" Hole Size 7 7/8"
 Bottom Choke Size 3/4" Rubber Size 6 3/4"
 Tool Open @ 9:45 A.M.
 Blow Remarks _____
 1st Open: Weak 2" Blow, Decreasing to Weak
Surface Blow.
 2nd Open: Weak 1" Blow, Decreasing to Weak
Surface Blow.
 Mud Chlorides: 7,000 PPM
 Recovery Chlorides: 32,000
 Resistivity: 0.19 OHM Meters @ 62.7⁰ F.

CHENEY TESTING CO, INC.
CALCULATION OF FORMATION CHARACTERISTICS
FROM DST DATA

FOR: OIL CAPITAL CORPORATION
JAMES #3
19-16S-28N
LANE COUNTY KANSAS

DST # 1
FORMATION: LANSING "A"
ELEVATION: 2782 KB

TEST PARAMETERS

TEST INTERVAL: 3958 - 3980	EST PAY: 4
TIME INTERVAL: 30 - 45 - 60 - 60	VISCOSITY OF FLUID: 15
INITIAL FLOW PRESS: 75.7- 118.9	HOLE SIZE: 7.875
FINAL FLOW PRESS: 165.4- 212.9	D.C. CAPACITY: 0.00000
SHUT-IN PRESS(I-F): 317.8- 321.0	W.P. CAPACITY: 0.00708
BOTTOM HOLE TEMPERATURE: 112	D.P. CAPACITY: 0.01402
TOTAL FEET OF RECOVERY: 336	TOTAL BARRELS RECOVERY: 2.3782

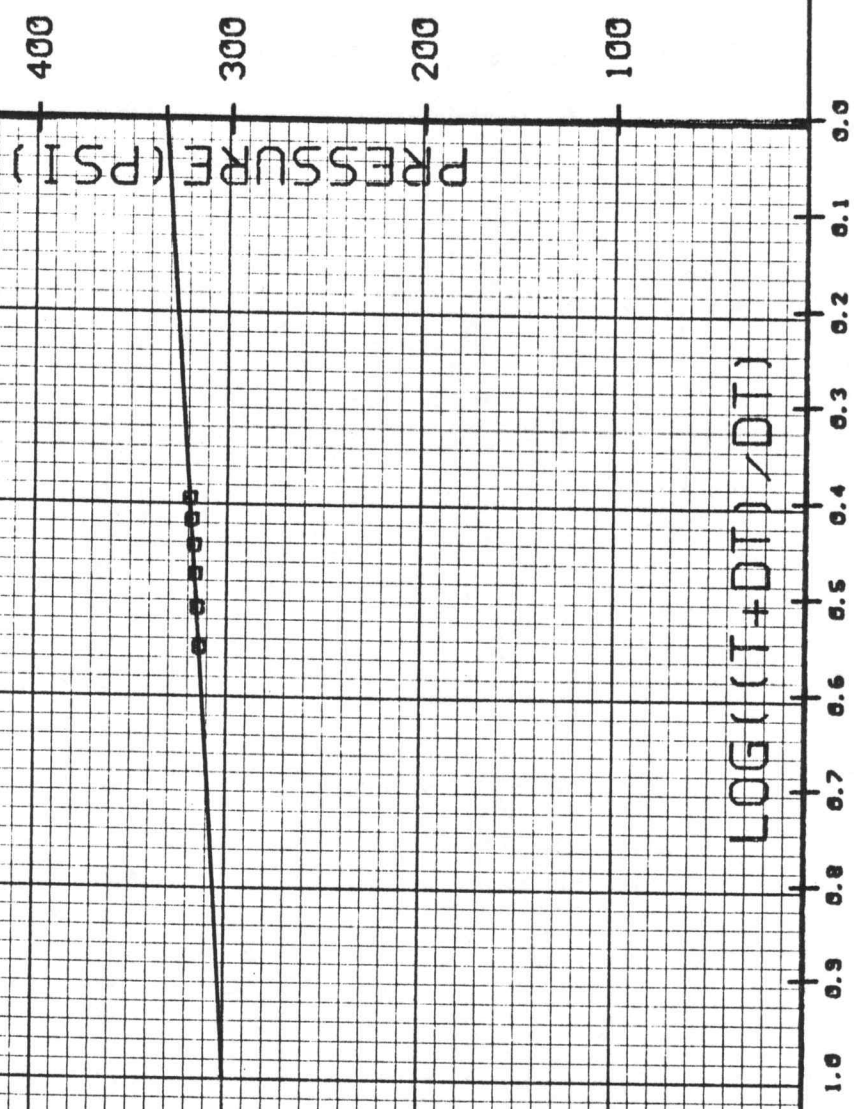
EXTRAPOLATED INITIAL SHUT-IN PRESSURE (PSI): 330
SLOPE (PSI-CYCLE): 62 POINTS USED: 6

EXTRAPOLATED FINAL SHUT-IN PRESSURE (PSI): 330
SLOPE (PSI-CYCLE): 30 POINTS USED: 6

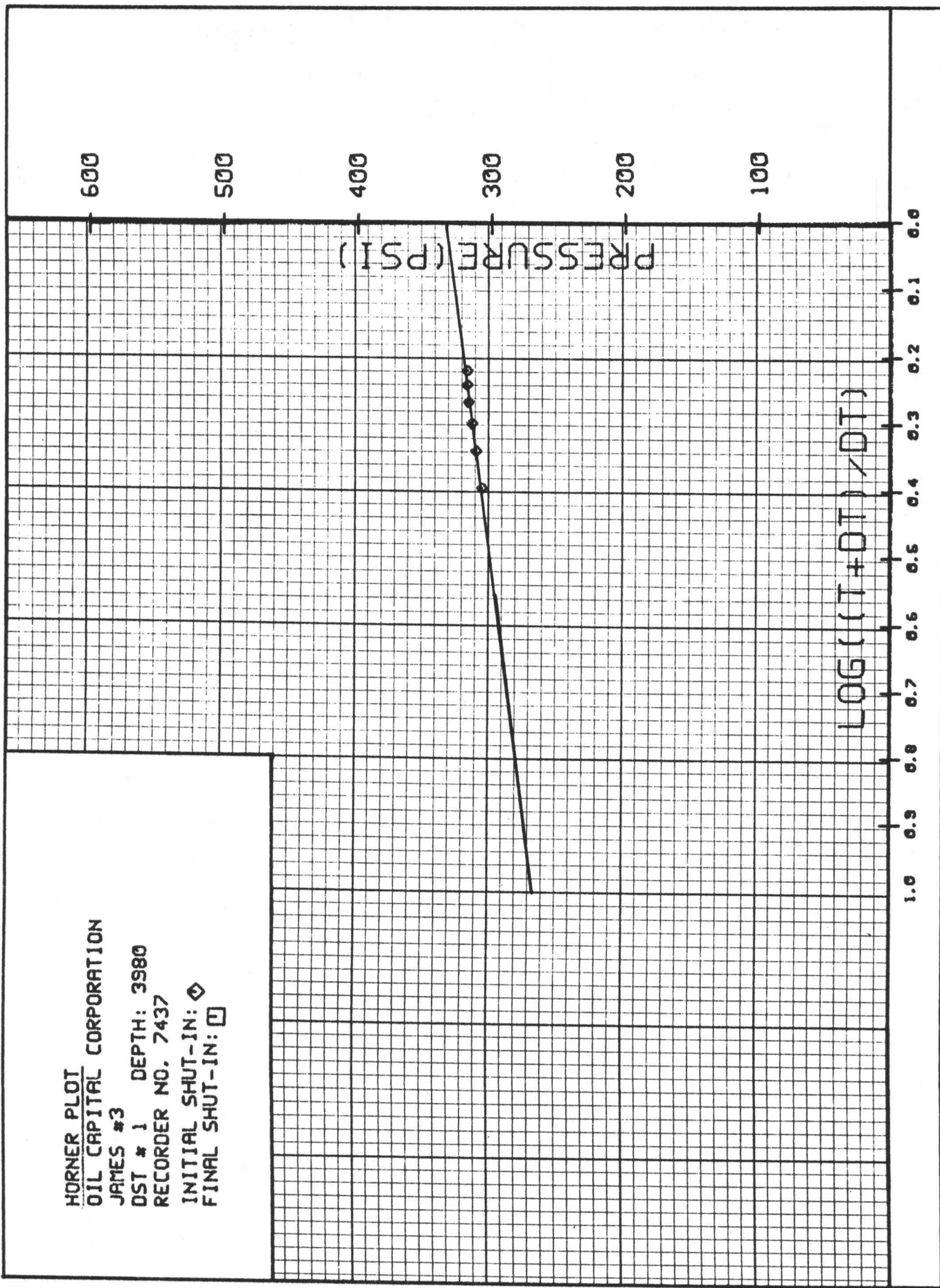
CALCULATIONS

AVERAGE PRODUCTION RATE (B/D)	: 38.05
TRANSMISSIBILITY (MD-FT/CP)	: 206.24
PERMEABILITY (MD)	: 773.40
PRODUCTIVITY INDEX (B/D/PSI)	: 0.2331
DAMAGE RATIO	: 0.636
APPROXIMATE RADIUS OF INVESTIGATION (FT)	: 263.8
DRAWDOWN FACTOR (%)	: 0.000
POTENTIOMETRIC SURFACE (FT)	: -432.73

HORNER PLOT
OIL CAPITAL CORPORATION
JAMES #3
DST # 1 DEPTH: 3980
RECORDER NO. 7437
INITIAL SHUT-IN: $\diamond$
FINAL SHUT-IN: $\square$



HORNER PLOT
OIL CAPITAL CORPORATION
JAMES #3
DST # 1 DEPTH: 3980
RECORDER NO. 7437
INITIAL SHUT-IN: $\diamond$
FINAL SHUT-IN: $\square$



INITIAL SHUT-IN

=====

RECORDER NO: 7437 DEPTH: 3980 FT.
INITIAL FLOW TIME (T): 30 MIN.

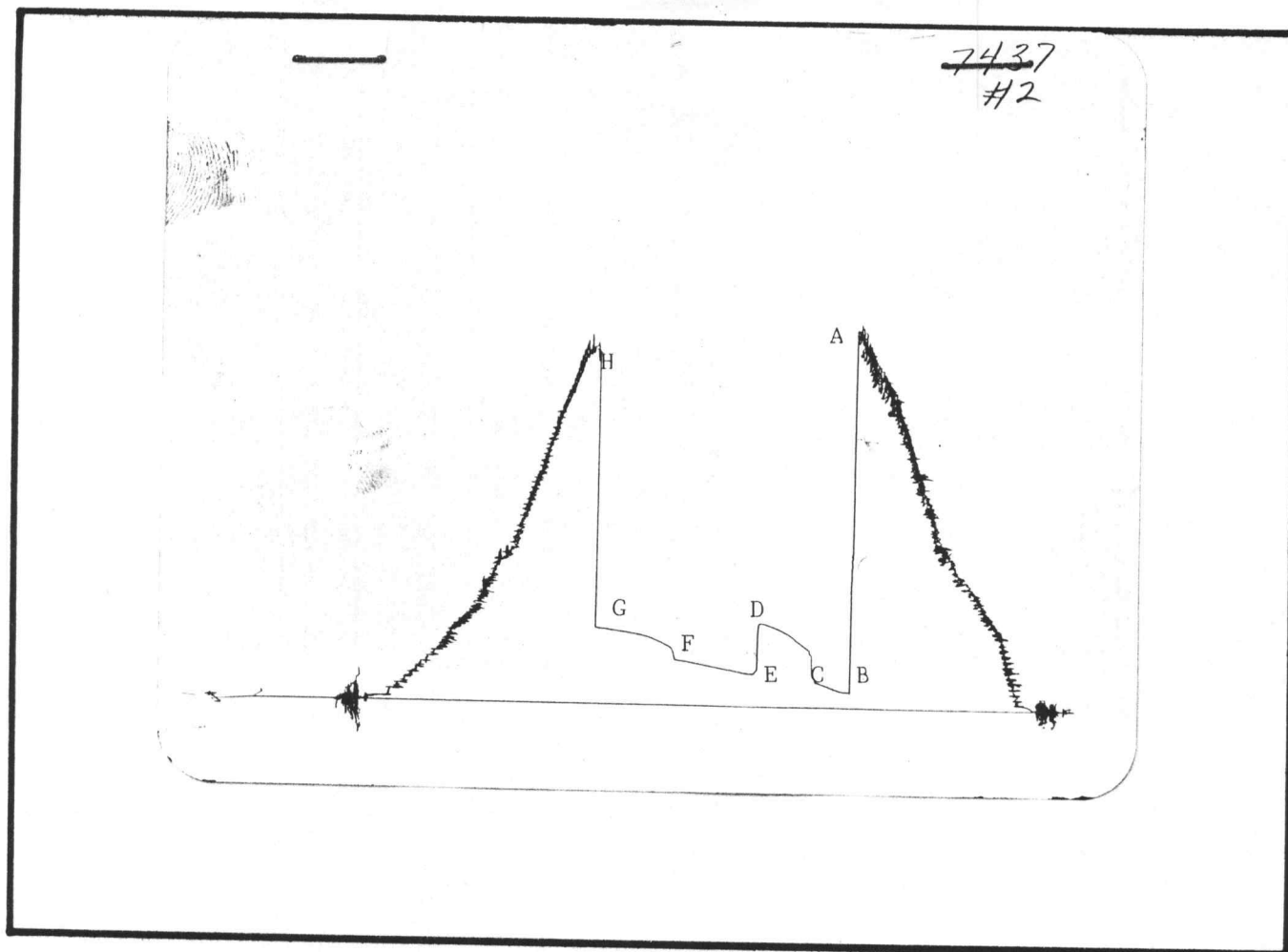
DT(MIN)	LOG((T+DT)/DT)	PRESSURE(PSIG)
0	0.000	118.9
5	0.845	246.4
10	0.602	284.3
15	0.477	297.2
20	0.398	307.0
25	0.342	311.3
30	0.301	314.5
35	0.269	316.7
40	0.243	317.8
45	0.222	317.8

FINAL SHUT-IN

=====

RECORDER NO: 7437 DEPTH: 3980 FT.
TOTAL FLOW TIME: 90 MIN.

DT(MIN)	LOG((T+DT)/DT)	PRESSURE(PSIG)
0	0.000	212.9
5	1.279	283.2
10	1.000	304.8
15	0.845	311.3
20	0.740	312.4
25	0.663	313.4
30	0.602	314.5
35	0.553	315.6
40	0.512	316.7
45	0.477	317.8
50	0.447	318.8
55	0.421	319.9
60	0.398	321.0



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2191	2186	PSI
(B) First Initial Flow Pressure	98	82.1	PSI
(C) First Final Flow Pressure	152	140.5	PSI
(D) Initial Closed-in Pressure	491	491.8	PSI
(E) Second Initial Flow Pressure	196	189.1	PSI
(F) Second Final Flow Pressure	262	264.8	PSI
(G) Final Closed-in Pressure	447	451.8	PSI
(H) Final Hydrostatic Mud	2075	2070	PSI

CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Oil Capital Corporation	Test No.	2
Well Name & Number	James #3	Zone Tested	Lansing "I-J"
Company Address	520 Farmers & bAnkers Bldg., Wichita	Date	9-22-85
Company Rep.	Glenn Tracy	Tester	Dan Bangle
Contractor	ABercrombie Drilling, Inc.	Elevation	2782
Location: Sec. 19 Twp. 16s Rge. 28w Co. Lane State Ks.		Est. Feet of Pay	8

Recorder No. 7437 Type AK-1 Range 4200 PSI
 Recorder Depth 4203 Clock # 23858
 (A) Initial Hydrostatic Mud 2191 PSI
 (B) First Initial Flow Pressure 98 PSI
 (C) First Final Flow Pressure 152 PSI
 (D) Initial Shut-in Pressure 491 PSI
 (E) Second Initial Flow Pressure 196 PSI
 (F) Second Final Flow Pressure 262 PSI
 (G) Final Shut-in Pressure 447 PSI
 (H) Final Hydrostatic Mud 2075 PSI
 Temperature 116°
 Mud Weight 9.5 Viscosity 43
 Fluid Loss 10
 Interval Tested 4150-4210
 Anchor Length 60
 Top Packer Depth 4145
 Bottom Packer Depth 4150
 Total Depth 4210
 Drill Pipe Size 4½" XH
 Wt. Pipe I. D. 2.70 Ft. Run 605
 Recovery-Total Feet 546

Recovered 366 Feet Of Heavy Oil & Gas Cut Mud (10% Gas/ 50% Oil/ 40% Mud)
 Recovered 180 Feet Of Slightly Oil Cut Muddy Water (10% Gas/ 10% Oil/ 40% Water/ 40 %Mud
 Recovered 305 Feet Of Gas in Pipe
 Recovered Feet Of
 Recovered Feet Of
 Recovered Feet Of

Extra Equipment Price of Job 625.00

Recorder No. 13278 Type AK-1 Range 4400 PSI
 Recorder Depth 4206 Clock # 25719
 Tool Open Before I.S.I. 30 Mins.
 Initial Shut-in 45 Mins.
 Flow Period 60 Mins.
 Final Shut-in 60 Mins.
 Top Choke Size 1" Hole Size 7 7/8"
 Bottom Choke Size 3/4" Rubber Size 6 3/4"
 Tool Open @ 1:55 P.M.

Blow Remarks
 1st Open: Strong Off Bottom of Bucket in 11 Minutes., Bled Off Blow, No Return.
 2nd Open: Strong Off Bottom of bucket in 19 Minutes, Bled Off Blow, Blow Returned, Weak ½".
 Recovery Chlorides: 38,000 PPM
 Resistivity: 0.31 OHM Meters @ 64.8° F.

Ran 1 Joint Weight Pipe in Anchor.

CHENEY TESTING CO, INC.
CALCULATION OF FORMATION CHARACTERISTICS
FROM DST DATA

FOR: OIL CAPITAL CORPORATION
JAMES #3
19-16S-28W
LANE COUNTY KANSAS

DST # 2
FORMATION: LANSING "I-J"
ELEVATION: 2782 KB

TEST PARAMETERS

TEST INTERVAL: 4150 - 4210	EST PAY: 8
TIME INTERVAL: 30 - 45 - 60 - 60	VISCOSITY OF FLUID: 2
INITIAL FLOW PRESS: 82.1- 140.5	HOLE SIZE: 7.875
FINAL FLOW PRESS: 189.1- 264.8	D.C. CAPACITY: 0.00000
SHUT-IN PRESS(I-F): 491.8- 451.8	W.P. CAPACITY: 0.00708
BOTTOM HOLE TEMPERATURE: 116	D.P. CAPACITY: 0.01402
TOTAL FEET OF RECOVERY: 546	TOTAL BARRELS RECOVERY: 3.8646

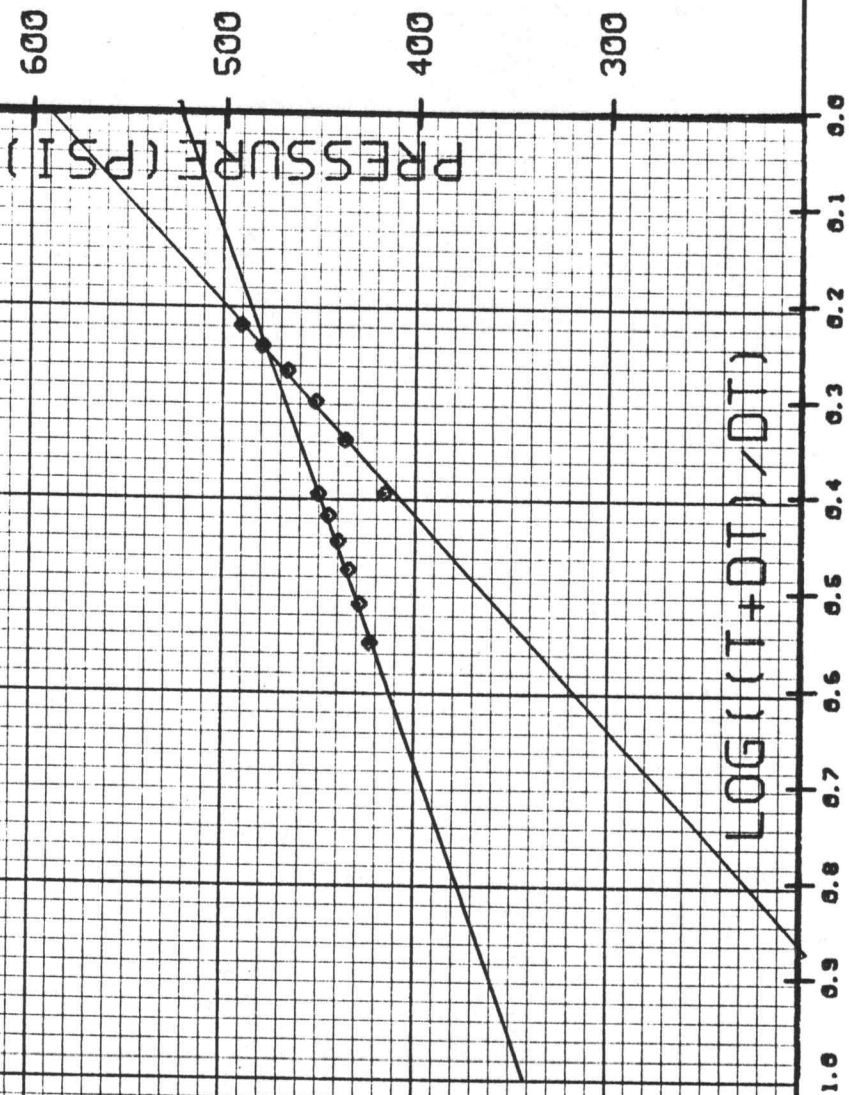
EXTRAPOLATED INITIAL SHUT-IN PRESSURE (PSI): 590
SLOPE (PSI-CYCLE): 460 POINTS USED: 5

EXTRAPOLATED FINAL SHUT-IN PRESSURE (PSI): 520
SLOPE (PSI-CYCLE): 177 POINTS USED: 6

CALCULATIONS

AVERAGE PRODUCTION RATE (B/D)	: 61.83
TRANSMISSIBILITY (MD-FT/CP)	: 56.80
PERMEABILITY (MD)	: 14.20
PRODUCTIVITY INDEX (B/D/PSI)	: 0.0642
DAMAGE RATIO	: 0.235
APPROXIMATE RADIUS OF INVESTIGATION (FT)	: 35.8
DRAWDOWN FACTOR (%)	: 11.864
POTENTIOMETRIC SURFACE (FT)	: -222.12

HORNER PLOT
 OIL CAPITAL CORPORATION
 JAMES #3
 DST # 2 DEPTH: 4210
 RECORDER NO. 7437
 INITIAL SHUT-IN: $\diamond$
 FINAL SHUT-IN: $\square$



INITIAL SHUT-IN

=====

RECORDER NO: 7437 DEPTH: 4210 FT.
INITIAL FLOW TIME (T): 30 MIN.

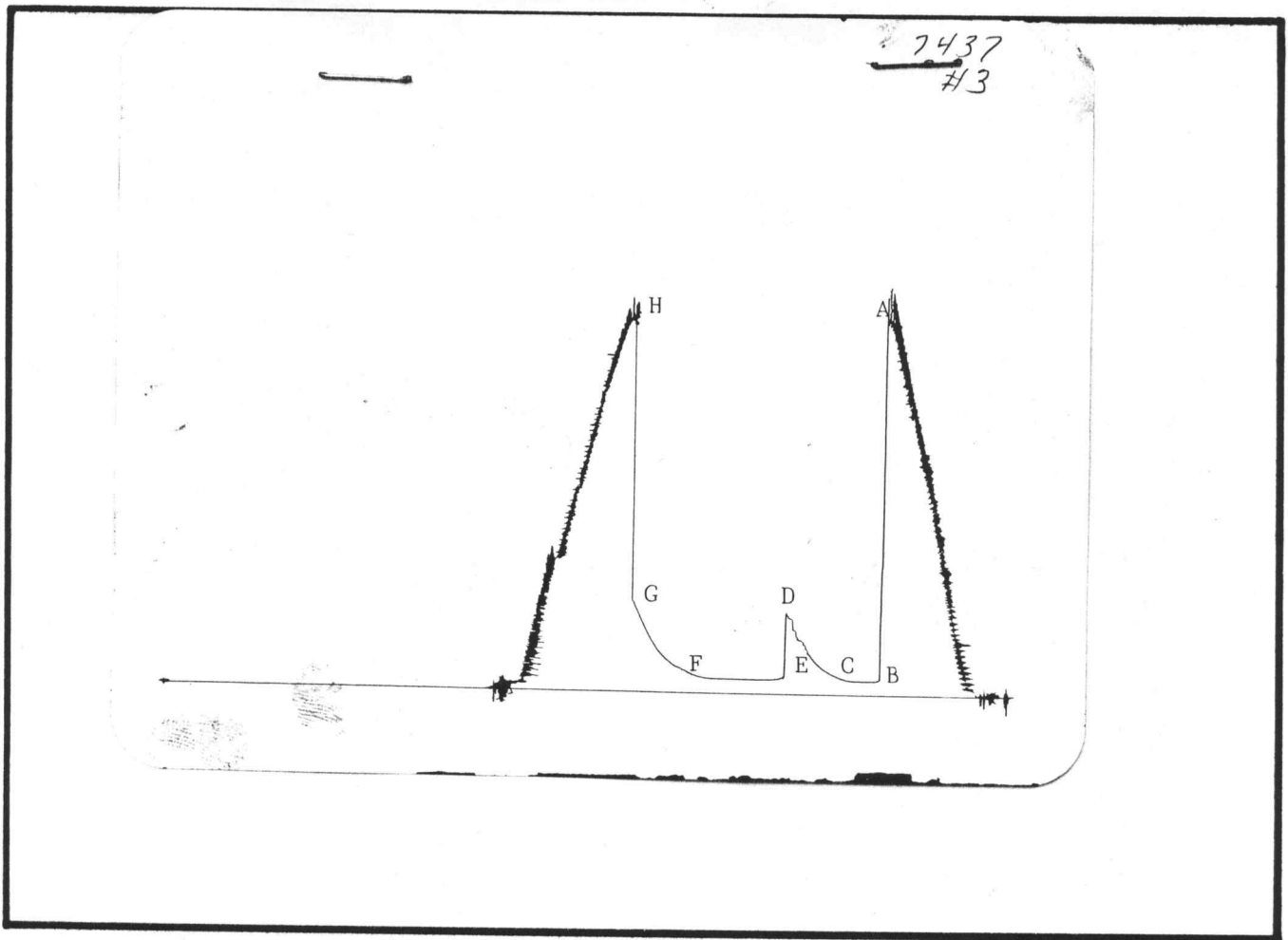
DT(MIN)	LOG((T+DT)/DT)	PRESSURE(PSIG)
=====		
0	0.000	140.5
5	0.845	311.3
10	0.602	354.5
15	0.477	383.7
20	0.398	417.2
25	0.342	437.7
30	0.301	452.9
35	0.269	468.0
40	0.243	481.0
45	0.222	491.8

FINAL SHUT-IN

=====

RECORDER NO: 7437 DEPTH: 4210 FT.
TOTAL FLOW TIME: 90 MIN.

DT(MIN)	LOG((T+DT)/DT)	PRESSURE(PSIG)
=====		
0	0.000	264.8
5	1.279	349.1
10	1.000	370.7
15	0.845	381.5
20	0.740	403.2
25	0.663	414.0
30	0.602	419.4
35	0.553	424.8
40	0.512	430.2
45	0.477	435.6
50	0.447	441.0
55	0.421	446.4
60	0.398	451.8



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2339	PSI
(B) First Initial Flow Pressure	87	PSI
(C) First Final Flow Pressure	87	PSI
(D) Initial Closed-in Pressure	491	PSI
(E) Second Initial Flow Pressure	76	PSI
(F) Second Final Flow Pressure	87	PSI
(G) Final Closed-in Pressure	544	PSI
(H) Final Hydrostatic Mud	2234	PSI

CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Oil Capital Corporation	Test No.	3
Well Name & Number	James #3	Zone Tested	Upper Marmaton
Company Address	520 Farmers & Bankers Bldg., Wichita, Ks.	Date	9-23-85
Company Rep.	Glenn Tracy	Tester	Dan Bangle
Contractor	Abercrombie Drilling, Inc.	Elevation	2782
Location: Sec. 19 Twp. 16s Rge. 28w Co. Lane State Ks.		Est. Feet of Pay	

Recorder No. 7437 Type AK-1 Range 4200 PSI

Recorder Depth 4378 Clock # 23858

(A) Initial Hydrostatic Mud 2339 PSI

(B) First Initial Flow Pressure 87 PSI

(C) First Final Flow Pressure 87 PSI

(D) Initial Shut-in Pressure 491 PSI

(E) Second Initial Flow Pressure 76 PSI

(F) Second Final Flow Pressure 87 PSI

(G) Final Shut-in Pressure 544 PSI

(H) Final Hydrostatic Mud 2234 PSI

Temperature 116°

Mud Weight 9.6 Viscosity 43

Fluid Loss 12

Interval Tested 4299-4385

Anchor Length 86

Top Packer Depth 4294

Bottom Packer Depth 4299

Total Depth 4385

Drill Pipe Size 4 1/2" XH

Wt. Pipe I. D. 2.70 Ft. Run 576

Recovery-Total Feet 55

Recovered 55 Feet Of Heavy Oil Cut Mud (30% Oil/ 70% Mud)

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment Price of Job 625.00

Recorder No. 13278 Type AK-1 Range 4400 PSI

Recorder Depth 4381 Clock # 25719

Tool Open Before I.S.I. 30 Mins.

Initial Shut-in 45 Mins.

Flow Period 60 Mins.

Final Shut-in 60 Mins.

Top Choke Size 1" Hole Size 7 7/8"

Bottom Choke Size 3/4" Rubber Size 6 3/4"

Tool Open @ 6:33 P.M.

Blow Remarks

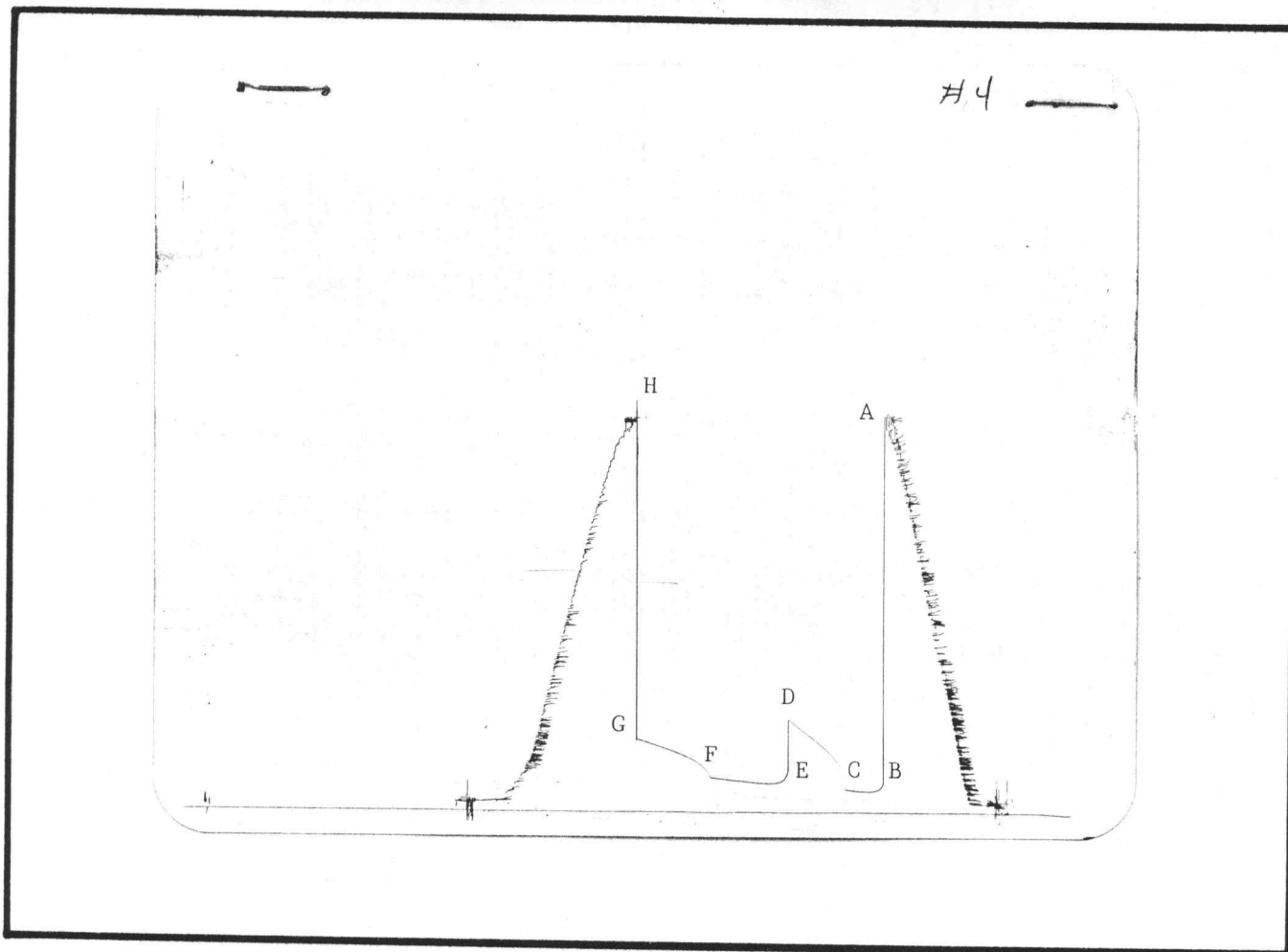
1st Open: Weak Blow Building to 1/2"

2nd Open: Weak Blow Building to 2" in 30

Minutes, Then Decreasing to 3/4" When Shut in.

Mud Chlorides: 7,000 PPM

Ran 1 Stand of Weight Pipe in Anchor



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2381	2376
(B) First Initial Flow Pressure	76	69.2
(C) First Final Flow Pressure	98	91.9
(D) Initial Closed-in Pressure	576	573.9
(E) Second Initial Flow Pressure	120	122.1
(F) Second Final Flow Pressure	174	168.6
(G) Final Closed-in Pressure	425	424.8
(H) Final Hydrostatic Mud	2339	2334

CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Oil Capital Corporation	Test No.	4
Well Name & Number	James #3	Zone Tested	Ft. Scott
Company Address	520 Farmers & Bankers Bldg., Wichita	Date	9-24-85
Company Rep.	Glenn Tracy	Tester	Dan Bangle
Contractor	Abercrombie Drilling, Inc.	Elevation	2782
Location: Sec. 19 Twp. 16s Rge. 28w Co. Lane	State Ks.	Est. Feet of Pay	5

Recorder No. 7437 Type AK-1 Range 4200 PSI

Recorder Depth 4468 Clock # 23858

(A) Initial Hydrostatic Mud 2381 PSI

(B) First Initial Flow Pressure 76 PSI

(C) First Final Flow Pressure 98 PSI

(D) Initial Shut-in Pressure 576 PSI

(E) Second Initial Flow Pressure 120 PSI

(F) Second Final Flow Pressure 174 PSI

(G) Final Shut-in Pressure 425 PSI

(H) Final Hydrostatic Mud 2339 PSI

Temperature 123°

Mud Weight 9.5 Viscosity 46

Fluid Loss 12.8

Interval Tested 4458-4475

Anchor Length 17

Top Packer Depth 4453

Bottom Packer Depth 4458

Total Depth 4475

Drill Pipe Size 4½" XH

Wt. Pipe I. D. 2.70 Ft. Run 637

Recovery-Total Feet 364

Recovered 180 Feet Of Clean Gassy Oil

Recovered 60 Feet Of Muddy Cut Oil (85% Oil/ 15% Mud)

Recovered 124 Feet Of Frothy Oil

Recovered 1586 Feet Of Gas in Pipe

Recovered Feet Of No Water

Recovered Feet Of

Extra Equipment

Recorder No. 13278 Type AK-1 Range 4400 PSI

Recorder Depth 4471 Clock # 25719

Tool Open Before I.S.I. 30 Mins.

Initial Shut-in 45 Mins.

Flow Period 60 Mins.

Final Shut-in 60 Mins.

Top Choke Size 1" Hole Size 7 7/8"

Bottom Choke Size 3/4" Rubber Size 6 3/4"

Tool Open @ 2:56 P.M.

Blow Remarks

1st Open: Strong Off Bottom of 5 Gal. Bucket in

2 Minutes. Bled off Blow, No Return.

2nd Open: Strong Off Bottom of Bucket in 5

minutes, Bled off Blow, Blow Returned, 3/4"

Weak Steady Blow.

Mud Chlorides: 6,000 PPM

Gravity: 32°

Price of Job 625.00

CHENEY TESTING CO, INC.
CALCULATION OF FORMATION CHARACTERISTICS
FROM DST DATA

FOR: OIL CAPITAL CORPORATION
JAMES #3
SEC 19-16S-28W
LANE COUNTY, KANSAS

DST # 4
FORMATION: FORT SCOTT
ELEVATION: 2782 KB

TEST PARAMETERS

TEST INTERVAL: 4458 - 4475	EST PAY: 5
TIME INTERVAL: 30 - 55 - 60 - 60	VISCOSITY OF FLUID: 2.5
INITIAL FLOW PRESS: 69.2- 91.9	HOLE SIZE: 7.875
FINAL FLOW PRESS: 122.1- 168.6	D.C. CAPACITY: 0.00000
SHUT-IN PRESS(I-F): 573.9- 424.8	W.P. CAPACITY: 0.00708
BOTTOM HOLE TEMPERATURE: 123	D.P. CAPACITY: 0.01402
TOTAL FEET OF RECOVERY: 364	TOTAL BARRELS RECOVERY: 2.5764

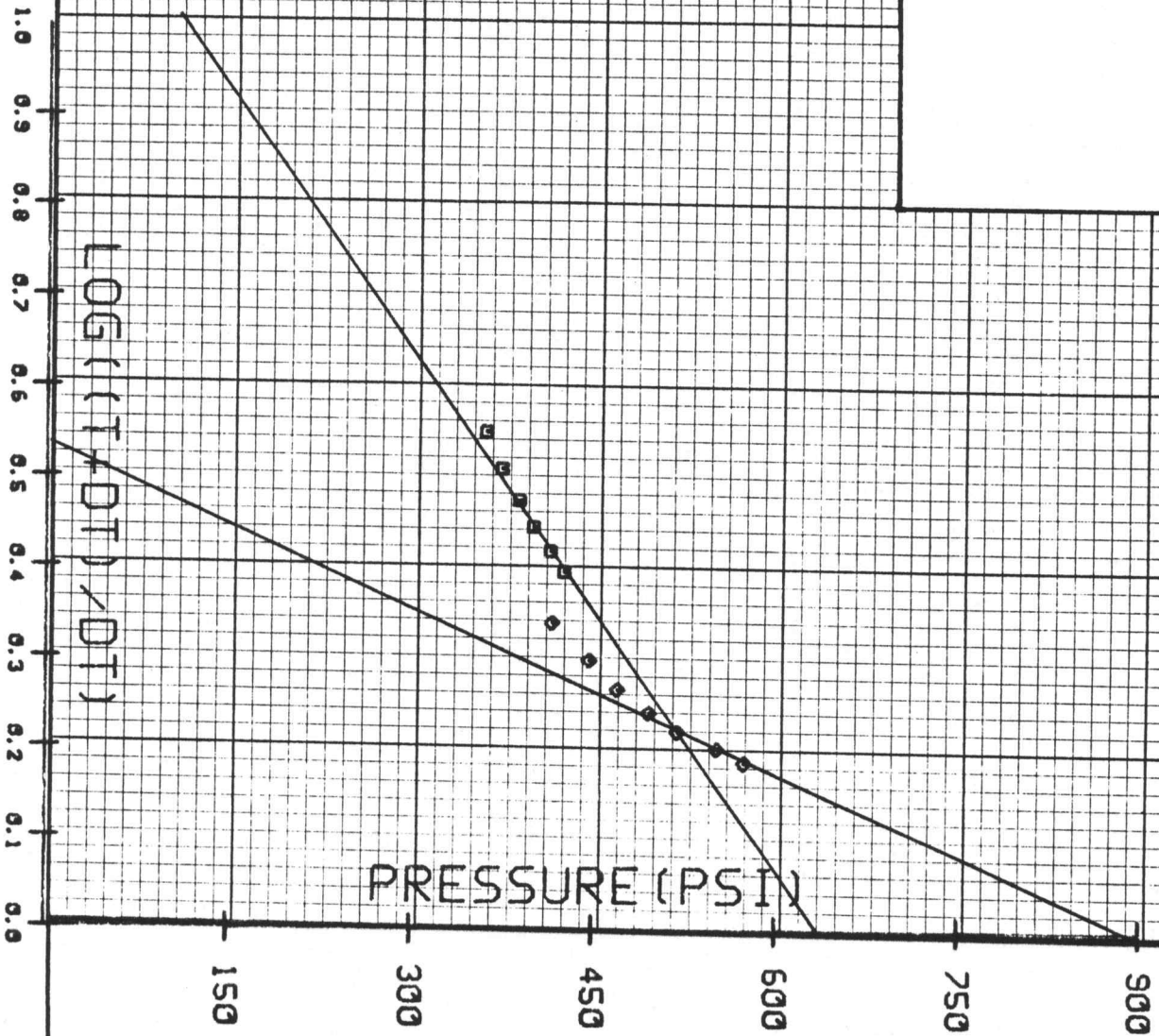
EXTRAPOLATED INITIAL SHUT-IN PRESSURE (PSI): 900
SLOPE (PSI-CYCLE): 1710 POINTS USED: 3

EXTRAPOLATED FINAL SHUT-IN PRESSURE (PSI): 633
SLOPE (PSI-CYCLE): 528 POINTS USED: 3

CALCULATIONS

AVERAGE PRODUCTION RATE (B/D)	: 41.22
TRANSMISSIBILITY (MD-FT/CP)	: 12.69
PERMEABILITY (MD)	: 6.35
PRODUCTIVITY INDEX (B/D/PSI)	: 0.0143
DAMAGE RATIO	: 0.143
APPROXIMATE RADIUS OF INVESTIGATION (FT)	: 23.9
DRAWDOWN FACTOR (%)	: 29.667
POTENTIOMETRIC SURFACE (FT)	: -225.07

HORNER PLOT
OIL CAPITAL CORPORATION
JAMES #3
DST # 4 DEPTH: 4475
RECORDER NO. 7437
INITIAL SHUT-IN: $\diamond$
FINAL SHUT-IN: $\square$



INITIAL SHUT-IN

=====

RECORDER NO: 7437 DEPTH: 4475 FT.
INITIAL FLOW TIME (T): 30 MIN.

DT(MIN)	LOG((T+DT)/DT)	PRESSURE(P SIG)
0	0.000	91.9
5	0.845	201.0
10	0.602	310.2
15	0.477	352.4
20	0.398	389.1
25	0.342	415.0
30	0.301	445.3
35	0.269	469.1
40	0.243	495.0
45	0.222	518.8
50	0.204	551.2
55	0.189	573.9

FINAL SHUT-IN

=====

RECORDER NO: 7437 DEPTH: 4475 FT.
TOTAL FLOW TIME: 90 MIN.

DT(MIN)	LOG((T+DT)/DT)	PRESSURE(P SIG)
0	0.000	168.6
5	1.279	257.2
10	1.000	274.5
15	0.845	299.4
20	0.740	315.6
25	0.663	334.0
30	0.602	345.9
35	0.553	359.9
40	0.512	372.9
45	0.477	386.9
50	0.447	398.8
55	0.421	412.9
60	0.398	424.8