CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	John O. Farmer Inc.	Test No.	1
Well Name & Number	Albertson I	Zone Tested	K.C.
Company Address	P.O. Box 352, Russell, KS	Date	12-21-76
Comp. Rep.	Sam Farmer	Tester	James Ricketts
Contractor	John O. Farmer Inc	Elevation	2381 K.B.
Location: Sec. 18 Twp. 9 S Rge. 23 W Co. Graham State KS		Est. Feet of Pay	5 Ft.

Recorder No. 6730 Type Kuster Range 4200 PSI

Recorder Depth 3872

(A) Initial Hydrostatic Mud 2122 PSI

(B) First Initial Flow Pressure 64 PSI

(C) First Final Flow Pressure 107 PSI

(D) Initial Closed-in Pressure 1320 PSI

(E) Second Initial Flow Pressure 107 PSI

(F) Second Final Flow Pressure 126 PSI

(G) Final Closed-in Pressure 1320 PSI

(H) Final Hydrostatic Mud 2101 PSI

Temperature

Mud Weight 9.9 Viscosity 43

Fluid Loss 25.8

Interval Tested 3855-3875

Anchor Length 20 '

Top Packer Depth 3850

Bottom Packer Depth 3855

Total Depth 3875

Drill Pipe Size 4½ X hole

Wt. Pipe I. D. 2.7 Ft. Run 1222

Recovery—Total Feet 545

Recovered 240 Feet Of Oil

Recovered 305 Feet Of Mud cut oil

Recovered 1725 Feet Of Gas in pipe

Recovered Feet Of

Extra Equipment None

Recorder No. 54 Type Western Range 4000 PSI

Recorder Depth 3870

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

Initial Shut-in 30 Mins.

Flow Period 60 Mins.

Final Shut-in 60 Mins.

Surface Choke Size 1 "

Bottom Choke Size ½ "

Main Hole Size 7 7/8 "

Rubber Size 6 3/4 "

Tool Open @ 10:30 P.M.

Blow Strong

Remarks

Drill Collar I. D. Ft. Run

Price of Job $340.00

CHENEY TESTING COMPANY
Pressure Data

Date 12-21-76 Test Ticket No. 433

Recorder No. 6730 Capacity 4200 Location 3872

Clock No. 17921 Elevation 2381 K.B. Well Temperature

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2016 P.S.I.	Open Tool	10:30 P M	
B	First Initial Flow Pressure	56 P.S.I.	First Flow Pressure	30 Mins.	
C	First Final Flow Pressure	117 P.S.I.	Initial Closed-in Pressure	30 Mins.	
D	Initial Closed-in Pressure	1321 P.S.I.	Second Flow Pressure	60 Mins.	
E	Second Initial Flow Pressure	117 P.S.I.	Final Closed-in Pressure	60 Mins.	
F	Second Final Flow Pressure	226 P.S.I.			
G	Final Closed-in Pressure	1315 P.S.I.			
H	Final Hydrostatic Mud	2004 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of Min.

Point Mins.	Press.
P 1 0	56
P 2 5	67
P 3 10	84
P 4 15	92
P 5 20	96
P 6 25	107
P 7 30	117
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of Min.

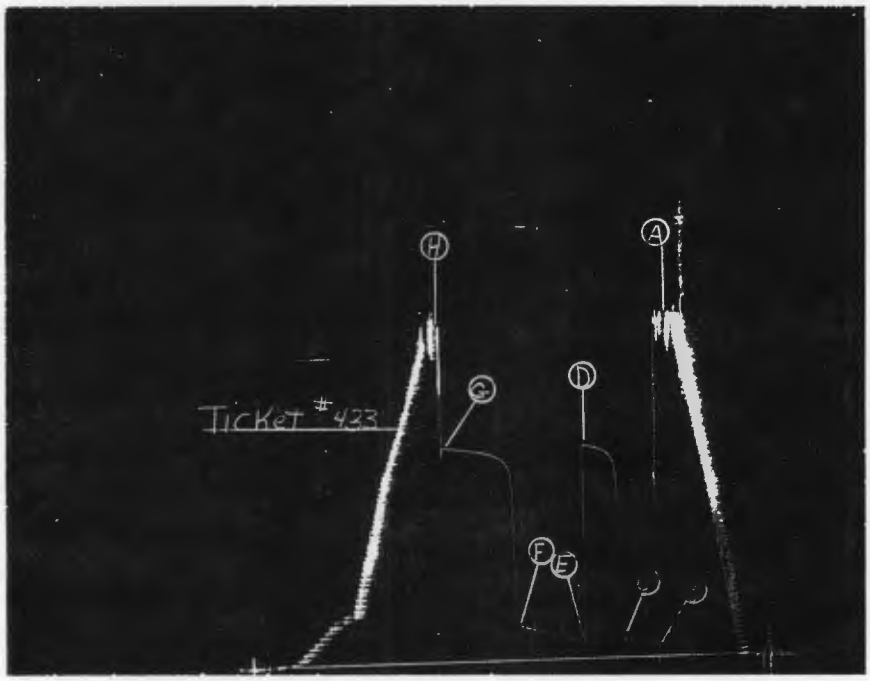
Point Minutes	Press.
0	117
3	459
6	1183
9	1242
12	1268
15	1285
18	1295
21	1304
24	1310
27	1316
30	1321

Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of Min.

Point Minutes	Press.
0	117
5	117
10	120
15	129
20	140
25	148
30	159
35	172
40	183
45	189
50	200
55	213
60	226

Final Shut-In
Breakdown: 20 In
of 3 mins. and
final inc. of Mi

Point Minutes	Press.
0	226
3	798
6	1168
9	1213
12	1236
15	1248
18	1261
21	1267
24	1276
27	1280
30	1284
33	1291
36	1295
39	1297
42	1300
45	1302
48	1305
51	1308
54	1311
57	1313
60	1315



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2122	2016	PSI
(B)	First Initial Flow Pressure	64	56	PSI
(C)	First Final Flow Pressure	107	117	PSI
(D)	Initial Closed-in Pressure	1320	1321	PSI
(E)	Second Initial Flow Pressure	107	117	PSI
(F)	Second Final Flow Pressure	226	226	PSI
(G)	Final Closed-in Pressure	1320	1315	PSI
(H)	Final Hydrostatic Mud	2101	2004	PSI

COMPANY John O. Farmer Inc. LEASE AND WELL NO. Albertson 1 SEC. 18 TWP. 9 S RGE. 23 W TEST NO. 1 DATE 12-21-76

CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	John O. Farmer, Inc.	Test No.	2
Well Name & Number	Albertson #1	Zone Tested	Kansas City
Company Address	Box 352, Russell, Kan.	Date	12-22-76
Comp. Rep.	Sam Farmer	Tester	James Ricketts
Contractor	John O. Farmer, Inc.	Elevation	2381 K.B.
Location: Sec. 18 Twp. 19S Rge. 23W Co. Graham State Kansas		Est. Feet of Pay	4

Recorder No. 6730 Type Kuster Range 4200 PSI
Recorder Depth 3912
(A) Initial Hydrostatic Mud 2090 PSI
(B) First Initial Flow Pressure 32 PSI
(C) First Final Flow Pressure 32 PSI
(D) Initial Closed-in Pressure 226 PSI
(E) Second Initial Flow Pressure 43 PSI
(F) Second Final Flow Pressure 43 PSI
(G) Final Closed-in Pressure 247 PSI
(H) Final Hydrostatic Mud 2080 PSI
Temperature
Mud Weight 9.6 Viscosity 48
Fluid Loss 12.4 C.C.
Interval Tested 3890-3915
Anchor Length 25'
Top Packer Depth 3885
Bottom Packer Depth 3890
Total Depth 3915
Drill Pipe Size 4½ Ex.H.
Wt. Pipe I. D. 2.7 Ft. Run 1222

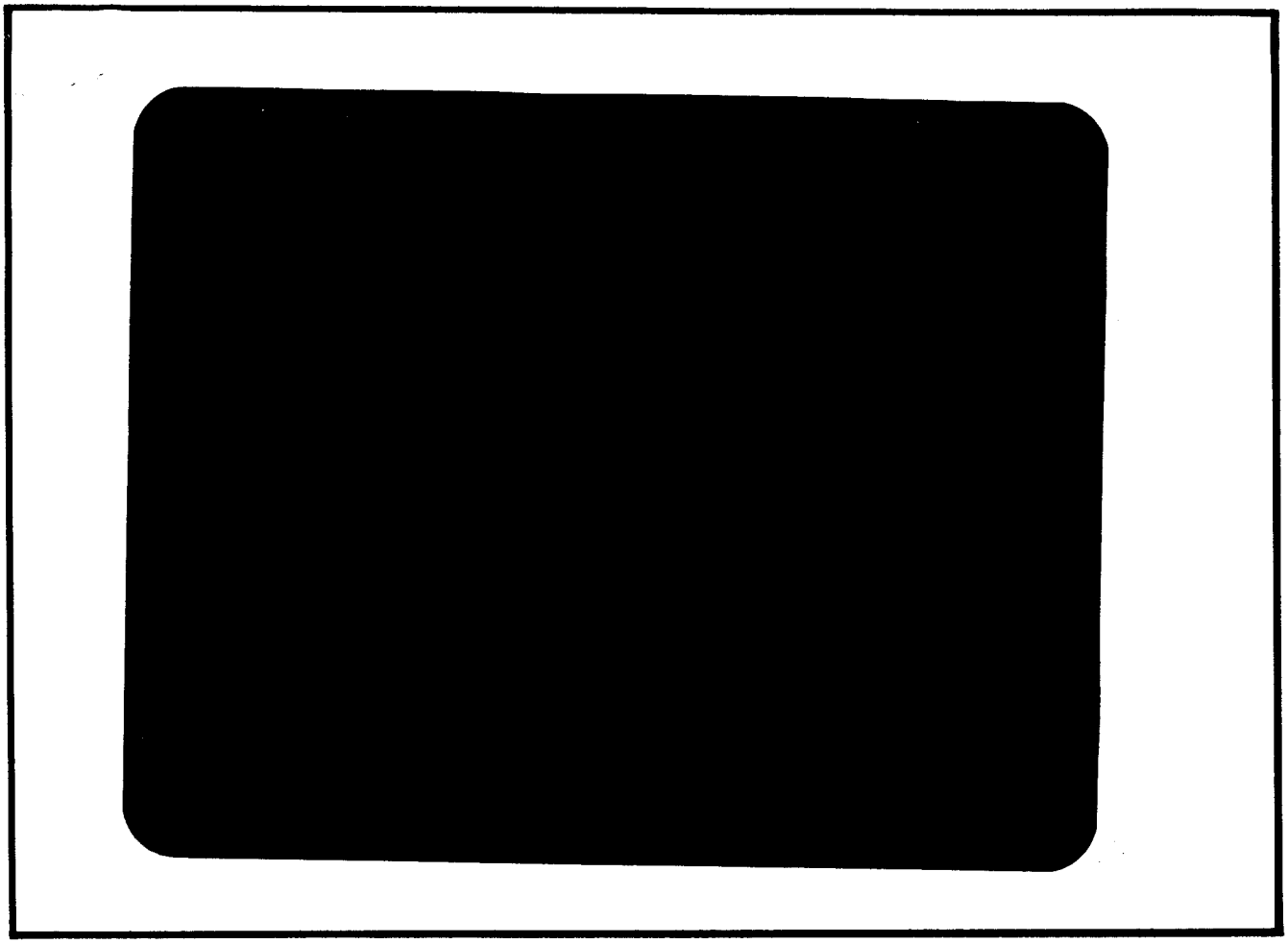
Recorder No. 54 Type Western Range 4000 PSI
Recorder Depth 3910
Tool Open Before I. S. I. 30 Mins.
Initial Shut-in 30 Mins.
Flow Period 60 Mins.
Final Shut-in 45 Mins.
Surface Choke Size 1"
Bottom Choke Size ½"
Main Hole Size 7 7/8"
Rubber Size 6 3/4"
Tool Open @ 4:50 P.M.
Blow Weak
Remarks

Drill Collar I. D. Ft. Run

Recovery—Total Feet 90
Recovered 90 Feet Of Heavy oil cut mud
Recovered 330 Feet Of Gas
Recovered Feet Of
Recovered Feet Of

Extra Equipment Price of Job $340.00

18-9-23W



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2060		PSI
(B)	First Initial Flow Pressure	32		PSI
(C)	First Final Flow Pressure	32		PSI
(D)	Initial Closed-in Pressure	226		PSI
(E)	Second Initial Flow Pressure	43		PSI
(F)	Second Final Flow Pressure	43		PSI
(G)	Final Closed-in Pressure	247		PSI
(H)	Final Hydrostatic Mud	2020		PSI

COMPANY John O. Farmer Inc. LEASE AND WELL NO. Albertson #1 SEC. 18 TWP. 9 S RGE. 23 W TEST NO. 2 DATE 12-22-76