18-21s-24w

CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

Note range 24, not 14

DRILL-STEM TEST DATA

Company	Dunne Gardner Petroleum Inc.	Test No.	1
Well Name & Number	Goebel #1	Zone Tested	Mississippi
Company Address	Wichita, Kansas	Date	11-14-81
Comp. Rep.	Dan Reynolds	Tester	Dale Strutt
Contractor	Co. Tools	Elevation	2318 Gr.
Location: Sec. 18 Twp. 21s Rge. 24w Co. Hodgeman State Kansas		Est. Feet of Pay	

Recorder No. 13371 Type AK-1 Range 3900 PSI

Recorder Depth 4446

(A) Initial Hydrostatic Mud 2246 PSI

(B) First Initial Flow Pressure 49 PSI

(C) First Final Flow Pressure 49 PSI

(D) Initial Closed-in Pressure 98 PSI

(E) Second Initial Flow Pressure 59 PSI

(F) Second Final Flow Pressure 59 PSI

(G) Final Closed-in Pressure 78 PSI

(H) Final Hydrostatic Mud 2216 PSI

Temperature 123

Mud Weight 9.4 Viscosity 46

Fluid Loss 16.8

Interval Tested 4407-4449

Anchor Length 42'

Top Packer Depth 4402

Bottom Packer Depth 4407

Total Depth 4449

Drill Pipe Size 4½ F.H.

Wt. Pipe I. D. 3.25 Ft. Run 628.75

Recovery—Total Feet 30'

Recorder No. 13277 Type AK-1 Range 4125 PSI

Recorder Depth 4443

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

Initial Shut-in 30 Mins.

Flow Period 30 Mins.

Final Shut-in 30 Mins.

Surface Choke Size 1"

Bottom Choke Size ¾"

Main Hole Size 7⅞"

Rubber Size 6¾"

Tool Open @ 2:26 A.M.

Blow 1st Open- Very Weak-Died In 23 Min.

Remarks 2nd Open- No Blow- Flushed Tool- No Help On 2nd Open.

Drill Collar I. D. ____ Ft. Run ____

Recovered 30 Feet Of Slightly Oil Cut Mud (2% Oil, 98% Mud)

Recovered ____ Feet Of ____

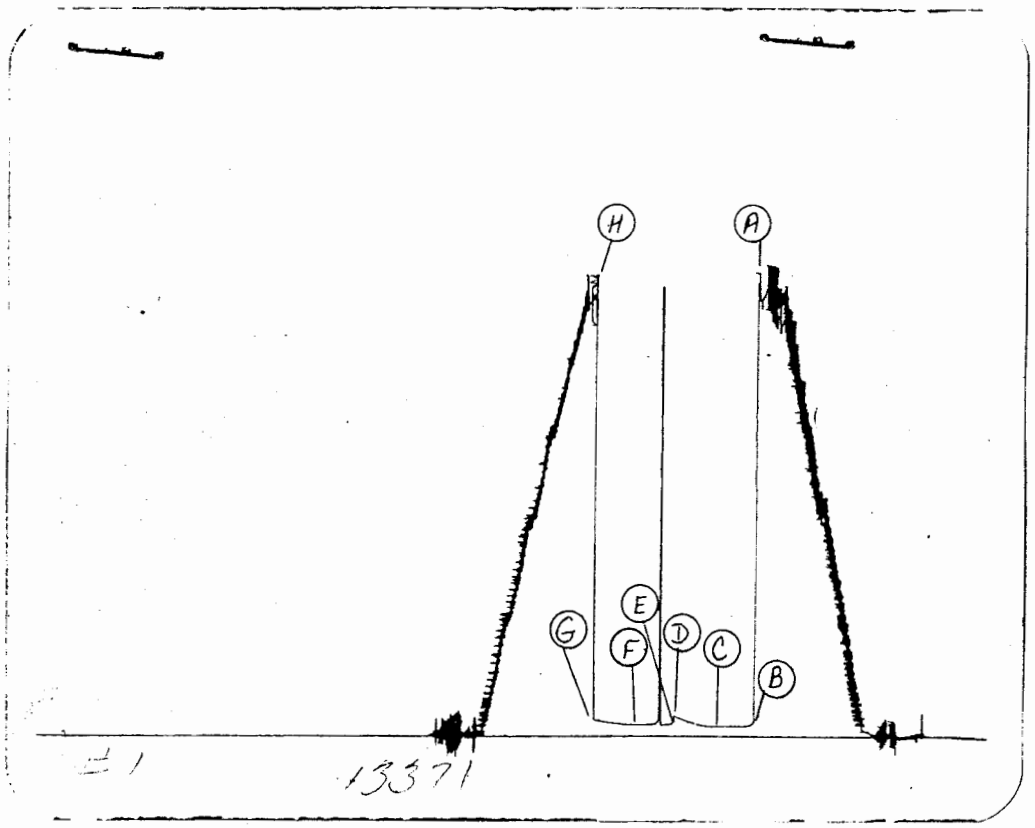
Recovered ____ Feet Of ____

Recovered ____ Feet Of ____

DST $750.00

6 Extra Charts $60.00

Extra Equipment None Price of Job $810.00



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2246		PSI
(B)	First Initial Flow Pressure	49		PSI
(C)	First Final Flow Pressure	49		PSI
(D)	Initial Closed-in Pressure	98		PSI
(E)	Second Initial Flow Pressure	59		PSI
(F)	Second Final Flow Pressure	59		PSI
(G)	Final Closed-in Pressure	78		PSI
(H)	Final Hydrostatic Mud	2216		PSI

CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Dunne Gardner Petroleum Inc.	Test No.	2
Well Name & Number	Goebel #1	Zone Tested	Mississippi
Company Address	Wichita, Kansas	Date	11-14-81
Comp. Rep.	Dan Reynolds	Tester	Dale Strutt
Contractor	Co. Tools	Elevation	2218 Gr.
Location: Sec. 28 Twp. 21s Rge. 14w Co. Hodgeman State Kansas		Est. Feet of Pay	

Recorder No. 13371 Type AK-1 Range 3900 PSI

Recorder Depth 4460

(A) Initial Hydrostatic Mud 2294 PSI

(B) First Initial Flow Pressure 51 PSI

(C) First Final Flow Pressure 145 PSI

(D) Initial Closed-in Pressure 1000 PSI

(E) Second Initial Flow Pressure 176 PSI

(F) Second Final Flow Pressure 228 PSI

(G) Final Closed-in Pressure 928 PSI

(H) Final Hydrostatic Mud 2232 PSI

Temperature 123

Mud Weight 9.4 Viscosity 44

Fluid Loss 12.8

Interval Tested 4449-4463

Anchor Length 14'

Top Packer Depth 4444

Bottom Packer Depth 4479

Total Depth 4463

Drill Pipe Size 4½ F.H.

Wt. Pipe I. D. 3.25 Ft. Run 628.75

Recovery—Total Feet 580

Recovered 355 Feet Of Free Oil (35% Gravity)

Recovered 120 Feet Of Gassy Mud Cut Oil.

Recovered 60 Feet Of Froggy Oil

Recovered 45 Feet Of Oil Cut Mud.

Extra Equipment

Recorder No. 13277 Type AK-1 Range 4125 PSI

Recorder Depth 4457

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

Initial Shut-in 45 Mins.

Flow Period 30 Mins.

Final Shut-in 60 Mins.

Surface Choke Size 1"

Bottom Choke Size ¾"

Main Hole Size 7⅞"

Rubber Size 6¾"

Tool Open @ 3:59 P.M.

Blow Very Strong To Bottom in 12 Min.-1st.

Remarks 2nd Open- Strong Blow-½" From Bottom of Bucket.

Approx. 60' Gas Abouve Fluid.

Drill Collar I. D. Ft. Run

DST $750.00

6 Extra Charts $60.00

Price of Job $810.00

CHENEY TESTING COMPANY
Pressure Data

Date 11-14-81 Test Ticket No. 5265

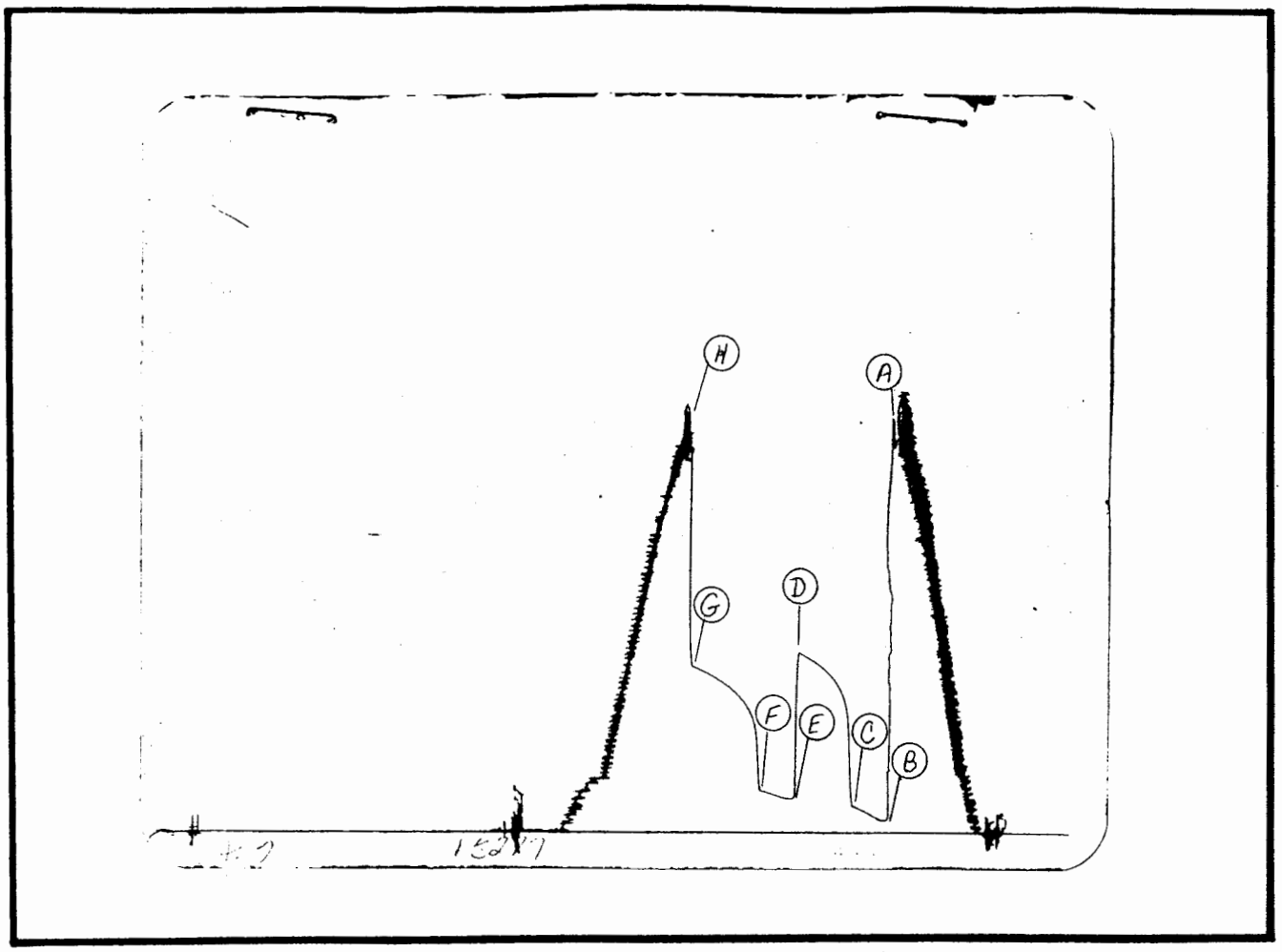
Recorder No. 13277 Capacity 4125 Location 4457 Ft.

Clock No. 25828 Elevation 2218 Gr. Well Temperature 123 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2290	P.S.I.	Open Tool	3:59 PM	
B	First Initial Flow Pressure	78	P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	152	P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D	Initial Closed-in Pressure	1005	P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E	Second Initial Flow Pressure	214	P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	238	P.S.I.			
G	Final Closed-in Pressure	928	P.S.I.			
H	Final Hydrostatic Mud	2228	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 6 Inc.		Breakdown: 9 Inc.		Breakdown: 6 Inc.		Breakdown: 10 Inc.	
of 5 mins. and a		of 5 mins. and a		of 5 mins. and a		of 5 mins. and a	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	78	0	152	0	214	0	238
P 2 5	71	5	775	5	190	5	679
P 3 10	89	10	840	10	198	10	735
P 4 15	108	15	885	15	210	15	773
P 5 20	128	20	919	20	222	20	805
P 6 25	144	25	946	25	233	25	831
P 7 30	152	30	969	30	238	30	854
P 8		35	989			35	876
P 9		40	1005			40	894
P10		45	1005			45	911
P11						50	928
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2294		PSI
(B)	First Initial Flow Pressure	51		PSI
(C)	First Final Flow Pressure	145		PSI
(D)	Initial Closed-in Pressure	1000		PSI
(E)	Second Initial Flow Pressure	176		PSI
(F)	Second Final Flow Pressure	228		PSI
(G)	Final Closed-in Pressure	928		PSI
(H)	Final Hydrostatic Mud	2232		PSI