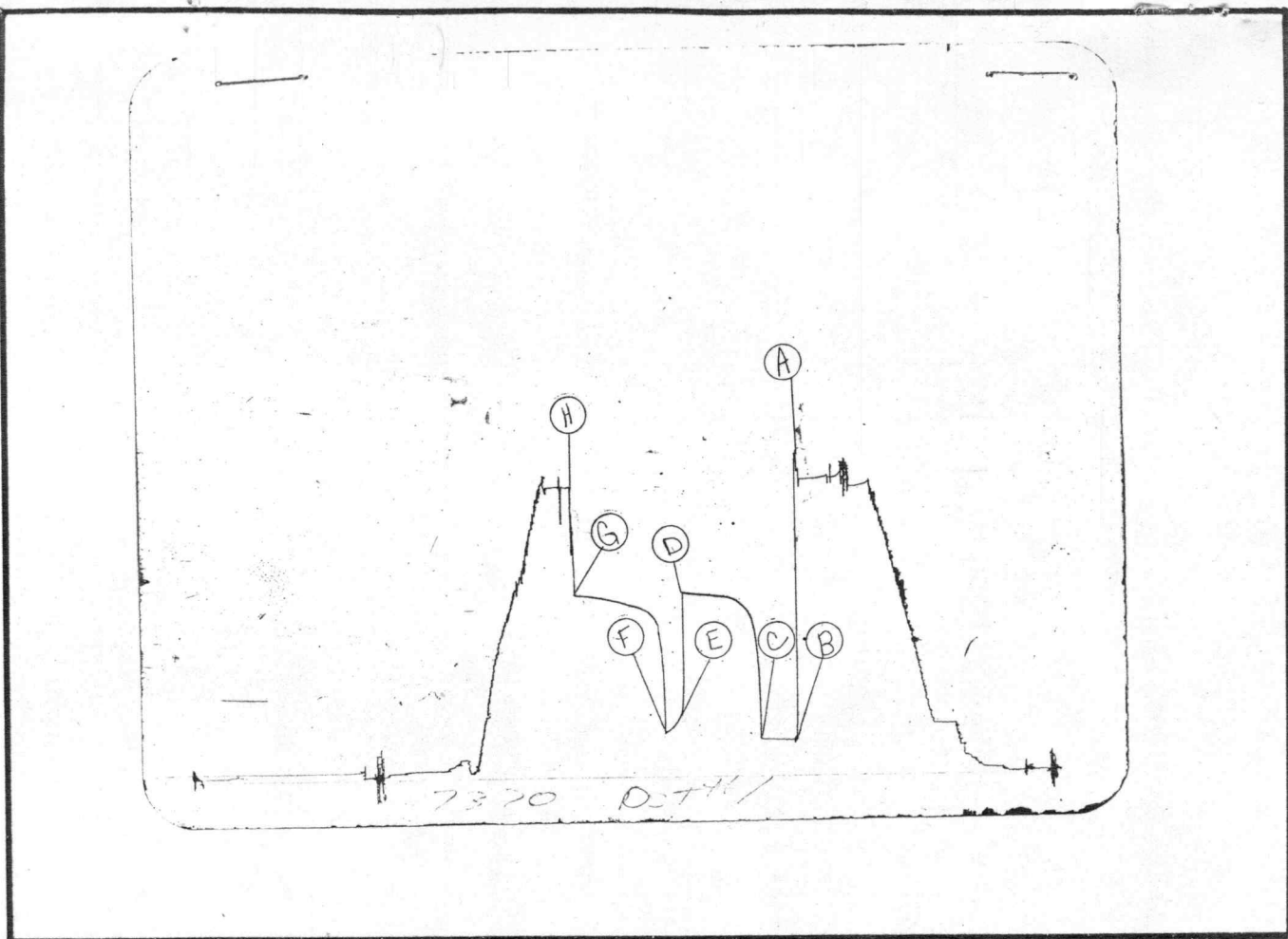




This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1886	PSI
(B) First Initial Flow Pressure	217	PSI
(C) First Final Flow Pressure	228	PSI
(D) Initial Closed-in Pressure	1083	PSI
(E) Second Initial Flow Pressure	380	PSI
(F) Second Final Flow Pressure	260	PSI
(G) Final Closed-in Pressure	1083	PSI
(H) Final Hydrostatic Mud	1683	PSI

CHENEY TESTING COMPANY

P. O. BOX 3

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Oil Capital Corp.	Test No.	1
Well Name & Number	Alta #1	Zone Tested	
Company Address	Wichita, Ks.	Date	12-5-81
Comp. Rep.	Bob Douglas	Tester	Dale Butcher
Contractor	Brandt Oil.	Elevation	1418 K.B.
Location: Sec. 30 Twp. 22 Rge. 2w Co. Harvey State Ks.		Est. Feet of Pay	

Recorder No. 7370 Type AK-1 Range 4050 PSI

Recorder Depth 3207

(A) Initial Hydrostatic Mud 1886 PSI

(B) First Initial Flow Pressure 217 PSI

(C) First Final Flow Pressure 228 PSI

(D) Initial Closed-in Pressure 1083 PSI

(E) Second Initial Flow Pressure 380 PSI

(F) Second Final Flow Pressure 260 PSI

(G) Final Closed-in Pressure 1083 PSI

(H) Final Hydrostatic Mud 1683 PSI

Temperature -

Mud Weight 9.6 Viscosity 40

Fluid Loss 12.0

Interval Tested 3151-3210

Anchor Length 59

Top Packer Depth 3159

Bottom Packer Depth 3161

Total Depth 3210

Drill Pipe Size 3 1/2 I.F.

Wt. Pipe I. D. - Ft. Run -

Recovery—Total Feet 210

Recovered 210 Feet Of THIN GAS CUT MUD.

Recovered Feet Of 5% GAS, 95% THIN MUD.

Recovered Feet Of

Recovered Feet Of

Extra Equipment NONE Price of Job \$700.00

Recorder No. 13369 Type AK-1 Range 3875 PSI

Recorder Depth 3204

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

Initial Shut-in 60 Mins.

Flow Period 15 Mins.

Final Shut-in 60 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

Tool Open @ 4:40 P.M.

Blow 1ST OPEN-STRONG BLOW. 4 MIN. GAS TO

Remarks SURFACE.

2ND OPEN-STRONG BLOW 1 MIN. GAS, 2 MIN. MUD.

Drill Collar I. D. 2.7 Ft. Run 246

GAS FLOW REPORT

Date 12-5-81 Ticket 4048 Company OIL CAPITAL CORP.
Well Name and No. ALTA #1 Dst No. 1 Interval Tested 3161-3210
County HARVEY State KS. Sec. 30 Twp. 32 Rg. 2w

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						
4:55	15	398,000				3/4" ORFICE USED.
5:10	15	398,000				3/4" ORFICE USED.

SECOND FLOW

[illegible]

GAS BOTTLE

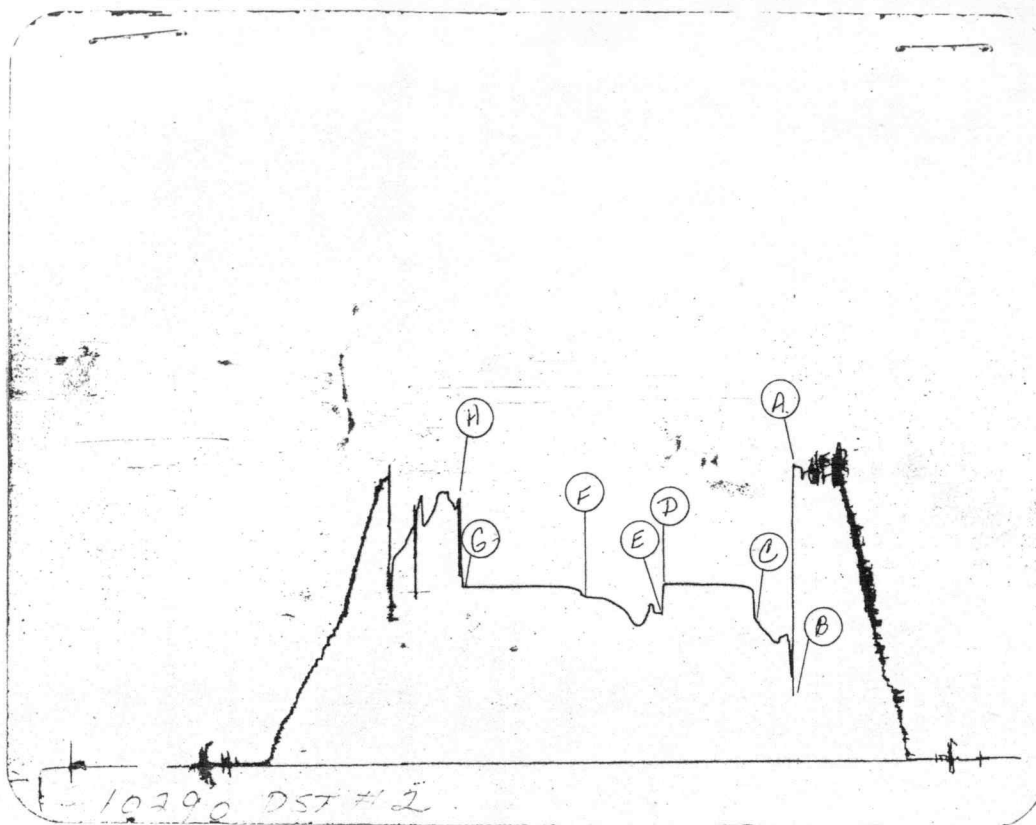
Serial No. _____ Date Bottle Filled 12-5-81 Date to be Invoiced _____

Requisition and Provisions for high pressure steel gas bottles. Cheney Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Cheney Testing Co., Inc. within thirty (30) days free of charge or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1½ % per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME _____

Authorized by _____



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1629	PSI
(B) First Initial Flow Pressure	571	PSI
(C) First Final Flow Pressure	775	PSI
(D) Initial Closed-in Pressure	969	PSI
(E) Second Initial Flow Pressure	816	PSI
(F) Second Final Flow Pressure	887	PSI
(G) Final Closed-in Pressure	959	PSI
(H) Final Hydrostatic Mud	1485	PSI

CHENEY TESTING COMPANY

P. O. BOX 3

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Oil Capital Corp.	Test No.	2
Well Name & Number	Alta #1	Zone Tested	Miss.
Company Address	Wichita, KS.	Date	12-6-81
Comp. Rep.	Bob Douglass	Tester	Dale Butcher
Contractor	Brandt Oil	Elevation	
Location: Sec. 30 Twp. 22 Rge. 2w Co. Harvey State Ks.		Est. Feet of Pay	

Recorder No. 10290 Type AK-1 Range 4250 PSI

Recorder Depth 3217

(A) Initial Hydrostatic Mud 1629 PSI

(B) First Initial Flow Pressure 571 PSI

(C) First Final Flow Pressure 775 PSI

(D) Initial Closed-in Pressure 969 PSI

(E) Second Initial Flow Pressure 816 PSI

(F) Second Final Flow Pressure 887 PSI

(G) Final Closed-in Pressure 959 PSI

(H) Final Hydrostatic Mud 1485 PSI

Temperature -

Mud Weight 9.5 Viscosity 44

Fluid Loss 12.0

Interval Tested 3188-3220

Anchor Length 32'

Top Packer Depth 3183

Bottom Packer Depth 3188

Total Depth 3220

Drill Pipe Size 3 1/2 I.F.

Wt. Pipe I. D. - Ft. Run -

Recovery—Total Feet 1580

Recovered 20 Feet Of FREE OIL.

Recovered 1560 Feet Of SALT WATER.

Recovered Feet Of

Recovered Feet Of

Extra Equipment NONE

Recorder No. 7370 Type AK-1 Range 4050 PSI

Recorder Depth 3214

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

Initial Shut-in 60 Mins.

Flow Period 60 Mins.

Final Shut-in 90 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

Tool Open @ 5:25 A.M.

Blow 1ST OPEN-GAS TO SURFACE 4 MIN.—BLEW MUD.

Remarks 2ND OPEN-WEAK GAS 2 MIN.—15 MIN. BLEW OIL FOR 5-15 MIN. TO 30 MIN. BLEW WATER FOR 30 MIN. TO 60 MIN. BLEW OIL & WATER.

DESCRIBED AS HEAVY SPRAY.

Drill Collar I. D. 2.7 Ft. Run 166

Price of Job \$700.00

GAS FLOW REPORT

Date 12- 6-81 Ticket 4049 Company OIL CAPITAL CORPORATION
 Well Name and No. ALTA #1 Dst No. 2 Interval Tested 3188-3220
 County HARVEY State KANSAS Sec. 30 Twp. 22 Rg. 2w

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
---------------------------	--------------------------	---	------------------------------	------------------------------------	-------------------------------	---------------------

PRE FLOW

5:40	15	259,000				3/4" ORFICE USED.
5:55	15	227,000				3/4" ORFICE USED.

SECOND FLOW

GAS BOTTLE

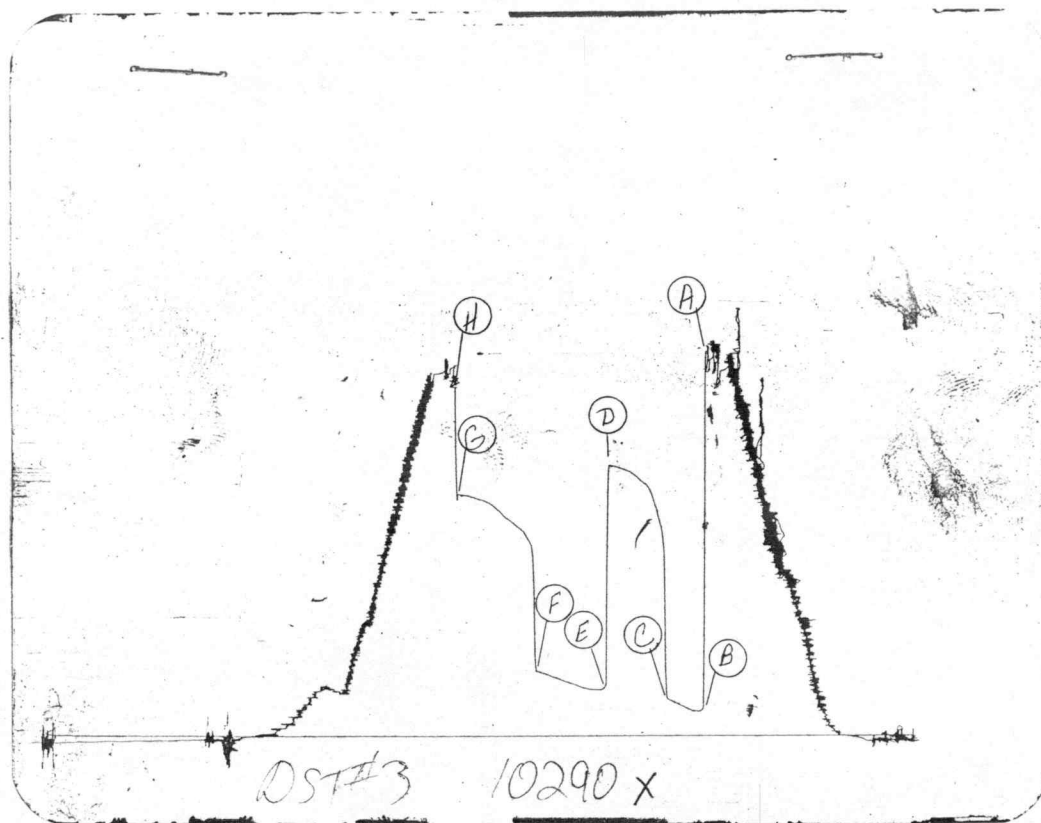
Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____

Requisition and Provisions for high pressure steel gas bottles. Cheney Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Cheney Testing Co., Inc. within thirty (30) days free of charge or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1½ % per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME _____

Authorized by _____



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2153	2147 PSI
(B) First Initial Flow Pressure	141	149 PSI
(C) First Final Flow Pressure	217	201 PSI
(D) Initial Closed-in Pressure	1491	1472 PSI
(E) Second Initial Flow Pressure	239	280 PSI
(F) Second Final Flow Pressure	347	354 PSI
(G) Final Closed-in Pressure	1351	1312 PSI
(H) Final Hydrostatic Mud	2046	2041 PSI

CHENEY TESTING COMPANY

P. O. BOX 3

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Oil Capital Corp.	Test No.	3
Well Name & Number	Wall #1	Zone Tested	Viola
Company Address	Wichita, Kansas	Date	12-9-81
Comp. Rep.	Bob Doughs	Tester	Dale Butcher
Contractor	Brandt Drlg. Co.	Elevation	-
Location: Sec. 30 Twp. 22 Rge. 2w Co. Harvey State Kansas		Est. Feet of Pay	

Recorder No. 7370 Type AK-1 Range 4050 PSI

Recorder Depth 3707

(A) Initial Hydrostatic Mud 2153 PSI

(B) First Initial Flow Pressure 141 PSI

(C) First Final Flow Pressure 217 PSI

(D) Initial Closed-in Pressure 1491 PSI

(E) Second Initial Flow Pressure 239 PSI

(F) Second Final Flow Pressure 347 PSI

(G) Final Closed-in Pressure 1351 PSI

(H) Final Hydrostatic Mud 2046 PSI

Temperature -

Mud Weight 9.6 Viscosity 48

Fluid Loss 12.0

Interval Tested 3662-3710

Anchor Length 48

Top Packer Depth 3657

Bottom Packer Depth 3662

Total Depth 3710

Drill Pipe Size 3 1/2 I.F.

Wt. Pipe I. D. Ft. Run -

Recovery—Total Feet 665

Recovered 120 Feet Of Very Slightly Oil & Gas Cut Mud—(3% Oil, 97% Mud)

Recovered 545 Feet Of Slightly Oil & Gas Cut Watery Mud— (10% Gas 6% Oil, 18% Water

Recovered Feet Of 66% Mud)

Recovered Feet Of

Extra Equipment None Price of Job \$700.00

Recorder No. 10290 Type AK-1 Range 4250 PSI

Recorder Depth 3704

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

Initial Shut-in 45 Mins.

Flow Period 60 Mins.

Final Shut-in 45 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

Tool Open @ 2:30 A.M.

Blow 1st Open— Strong Blow.

Remarks 2nd Open— Strong Blow.

Drill Collar I. D. Ft. Run

CHENEY TESTING COMPANY

Pressure Data

Date 12-9-81Test Ticket No. 4050Recorder No. 7370Capacity 4050Location 3707 Ft.Clock No. 25824Elevation -Well Temperature - °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2147 P.S.I.	Open Tool	2:30 A. M.	
B First Initial Flow Pressure	149 P.S.I.	First Flow Pressure	30 Mins.	25 Mins.
C First Final Flow Pressure	201 P.S.I.	Initial Closed-in Pressure	45 Mins.	43 Mins.
D Initial Closed-in Pressure	1472 P.S.I.	Second Flow Pressure	60 Mins.	50 Mins.
E Second Initial Flow Pressure	280 P.S.I.	Final Closed-in Pressure	45 Mins.	60 Mins.
F Second Final Flow Pressure	354 P.S.I.			
G Final Closed-in Pressure	1312 P.S.I.			
H Final Hydrostatic Mud	2041 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 5 Inc.of 5 mins. and afinal inc. of 0 Min.Initial Shut-In
Breakdown: 8 Inc.of 5 mins. and afinal inc. of 3 Min.Second Flow Pressure
Breakdown: 10 Inc.of 5 mins. and afinal inc. of 0 Min.Final Shut-In
Breakdown: 12 Inc.of 5 mins. and afinal inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	149	0	201	0	280	0	354
P 2 5	137	5	1115	5	251	5	1041
P 3 10	147	10	1255	10	252	10	1105
P 4 15	167	15	1351	15	261	15	1139
P 5 20	184	20	1386	20	272	20	1169
P 6 25	201	25	1419	25	287	25	1197
P 7		30	1442	30	300	30	1234
P 8		35	1455	35	315	35	1261
P 9		40	1467	40	329	40	1278
P10		43	1472	45	342	45	1291
P11				50	354	50	1302
P12						55	1310
P13						60	1312
P14							
P15							
P16							
P17							
P18							
P19							
P20							