

CHENEY TESTING COMPANY

P. O. BOX 3

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Abraxas Oil Co.	Test No.	1
Well Name & Number	Batt #1	Zone Tested	Arbuckle
Company Address	San Antonio, Texas	Date	10-21-81
Comp. Rep.	Roy Lofland	Tester	Clifford Stout
Contractor	Rains & Williamson	Elevation	1945
Location: Sec. 26 Twp. 16 Rge. 14 Co. Barton State Kansas		Est. Feet of Pay	

Recorder No. 11090 Type AK-1 Range 4125 PSI

Recorder Depth 3417

(A) Initial Hydrostatic Mud 1957 PSI

(B) First Initial Flow Pressure 82 PSI

(C) First Final Flow Pressure 82 PSI

(D) Initial Closed-in Pressure 998 PSI

(E) Second Initial Flow Pressure 123 PSI

(F) Second Final Flow Pressure 92 PSI

(G) Final Closed-in Pressure 926 PSI

(H) Final Hydrostatic Mud 1823 PSI

Temperature -

Mud Weight 9.9 Viscosity 53

Fluid Loss 8.8

Interval Tested 3366-3423

Anchor Length 57'

Top Packer Depth 3361

Bottom Packer Depth 3366

Total Depth 3423

Drill Pipe Size 4 1/2 X.H.

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

Recovery—Total Feet 36

Recovered 36 Feet Of Drlg. Mud.

Recovered - Feet Of -

Recovered - Feet Of -

Recovered - Feet Of -

Extra Equipment Bowen Jars, Safety Joint

Recorder No. 11091 Type AK-1 Range 4200 PSI

Recorder Depth 3420

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

Initial Shut-in 60 Mins.

Flow Period 30 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 @ 2:48 P.M.

Blow Weak Steady Blow- 1st Open.

Remarks 2nd Open- No Blow.

Flushed Tool.

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Drill Collar I. D. 2.7 Ft. Run 60

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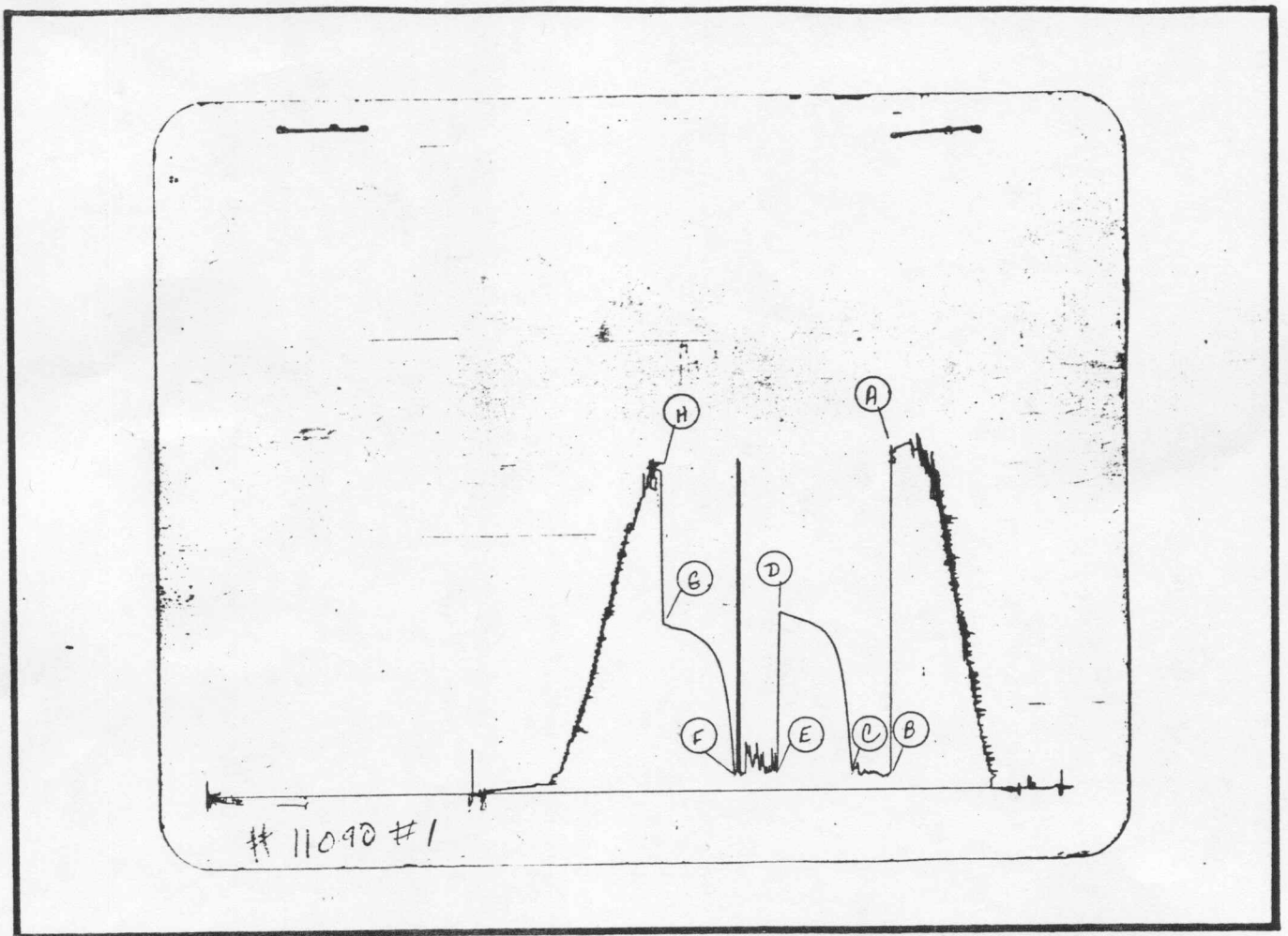
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DST \$700.00

Bowen Jars \$330.00

Safety Joint \$ 60.00

Price of Job \$1090.00



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1957	PSI
(B) First Initial Flow Pressure	82	PSI
(C) First Final Flow Pressure	82	PSI
(D) Initial Closed-in Pressure	998	PSI
(E) Second Initial Flow Pressure	123	PSI
(F) Second Final Flow Pressure	92	PSI
(G) Final Closed-in Pressure	926	PSI
(H) Final Hydrostatic Mud	1823	PSI

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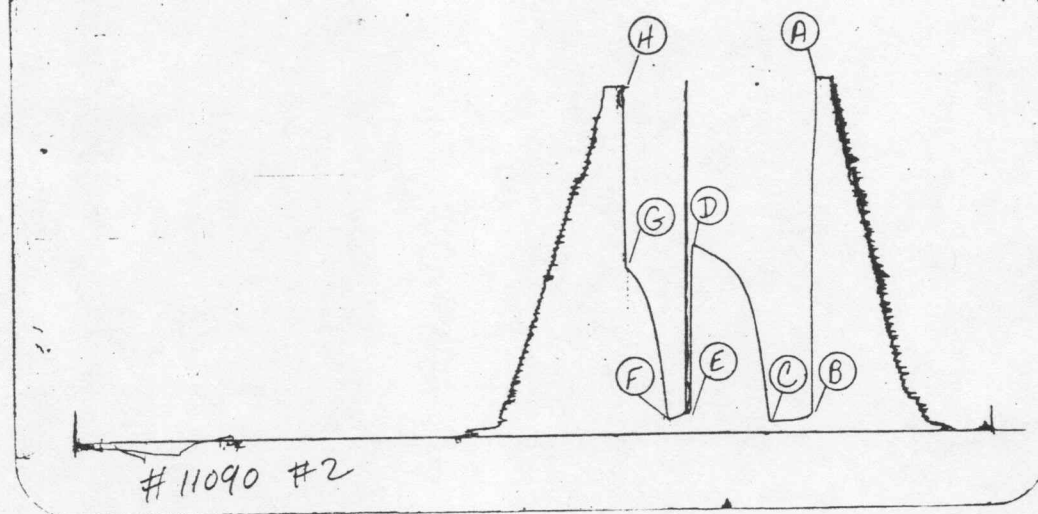
DRILL-STEM TEST DATA

Company	Abraxas Petroleum Corp.	Test No.	2
Well Name & Number	#1 Batt	Zone Tested	Arbuckle
Company Address	San Antonio, Tx.	Date	10-22-81
Comp. Rep.	Roy Lofland	Tester	Clifford Stout
Contractor	Rains & Williamson	Elevation	
Location: Sec. 26 Twp. 16 Rge. 14w Co. Barton State Ks.		Est. Feet of Pay	

Recorder No. 11090 Type AK-1 Range 4125 PSI
 Recorder Depth 3422
 (A) Initial Hydrostatic Mud 1874 PSI
 (B) First Initial Flow Pressure 92 PSI
 (C) First Final Flow Pressure 62 PSI
 (D) Initial Closed-in Pressure 988 PSI
 (E) Second Initial Flow Pressure 103 PSI
 (F) Second Final Flow Pressure 82 PSI
 (G) Final Closed-in Pressure 874 PSI
 (H) Final Hydrostatic Mud 1833 PSI
 Temperature -
 Mud Weight 10 Viscosity 42
 Fluid Loss 9.6
 Interval Tested 3364-3428
 Anchor Length 64'
 Top Packer Depth 3359
 Bottom Packer Depth 3364
 Total Depth 3428
 Drill Pipe Size 4 1/2 XH
 Wt. Pipe I. D. - Ft. Run -
 Recovery—Total Feet 30

Recorder No. 11091 Type AK-1 Range 4200 PSI
 Recorder Depth 3425
 Tool Open Before I. S. I. 30 Mins.
 Initial Shut-in 60 Mins.
 Flow Period 15 Mins.
 Final Shut-in 30 Mins.
 Surface Choke Size 1"
 Bottom Choke Size 3/4"
 Main Hole Size 7 7/8"
 Rubber Size 6 3/4"
 Tool Open @ 5:15 P.M.
 Blow 1ST OPEN-WEAK BLOW.
 Remarks 2ND OPEN-NO BLOW. FLUSHED TOOL.

Recovered 30 Feet Of DRILLING MUD WITH LITTLE OIL SPOTS. DST- \$ 700.00
 Recovered Feet Of BOWEN JARS- \$ 330.00
 Recovered Feet Of SAFETY JOINT- \$ 60.00
 Recovered Feet Of DOWN HOLE INSURANCE- \$ 50.00
 Price of Job \$1140.00



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1874	PSI
(B) First Initial Flow Pressure	92	PSI
(C) First Final Flow Pressure	62	PSI
(D) Initial Closed-in Pressure	988	PSI
(E) Second Initial Flow Pressure	103	PSI
(F) Second Final Flow Pressure	82	PSI
(G) Final Closed-in Pressure	874	PSI
(H) Final Hydrostatic Mud	1833	PSI