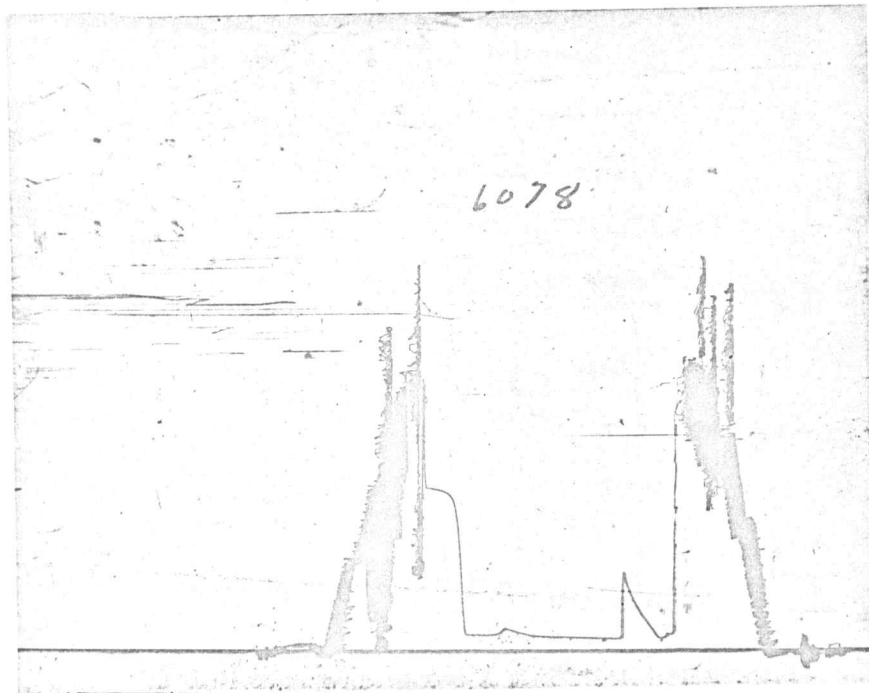


Date 1-1-69

DRILL STEM TEST RECOVERY REPORT

Ticket No. 6078

Company American Drlg Co. Contractor American Drlg Co.
Well No. 1 Lease Beisel County Russell Sec. 6 Twp 14 Rng 11
Test No. 1 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2 Fh
Interval Tested From 2215 To 2287 Depth of Well 2287 Size Choke 5/8
Fluid Recovered In Flexweight Temp. 88 Elev. 1800 KB
Initial Hyd. 1304 P.S.I. Final Hyd. 1304 P.S.I.
First Initial Flow Pressure _____ P.S.I. Opened Tool 2:15 ~~###~~ P.M.
First Final Flow Pressure _____ P.S.I. First Flow Pres. 10 Min.
Initial Closed-in Pressure 360 P.S.I. Initial Closed-in Pres. 30 Min.
Second Initial Flow Pressure 50 P.S.I. Second Flow Pres. 120 Min.
Second Final Flow Pressure 58 P.S.I. Final Closed-in Pres. 30 Min.
Final Closed-in Pressure 754 P.S.I.

Blow Strong thru-out testRecovery Gas to surface 50 min. will not gauge 70' Drlg mud

Remarks _____

Approved By Grant Tester Bowman

Date 1-3-69

DRILL STEM TEST RECOVERY REPORT

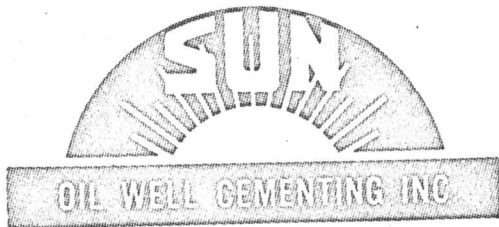
Ticket No. 6259

Company American Drlg Co. Contractor Co-Tools
Well No. 1 Lease Beisel County Russell Sec. 6 Twp 14 Rng 11
Test No. 2 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2 Fh
Interval Tested From 2941 To 2951 Depth of Well 2951 Size Choke 5/8
Fluid Recovered In Flexweight Temp. _____ Elev. 1800 KB
Initial Hyd. 1761 P.S.I. Final Hyd. 1761 P.S.I.
First Initial Flow Pressure _____ P.S.I. Opened Tool 12:18 A.M. ###
First Final Flow Pressure _____ P.S.I. First Flow Pres. 10 Min.
Initial Closed-in Pressure 916 P.S.I. Initial Closed-in Pres. 30 Min.
Second Initial Flow Pressure 46 P.S.I. Second Flow Pres. 60 Min.
Second Final Flow Pressure 46 P.S.I. Final Closed-in Pres. 30 Min.
Final Closed-in Pressure 752 P.S.I.
Blow Weak thru-out test flush tool once

Recovery 30' Drlg mud few speck Oil

Remarks _____

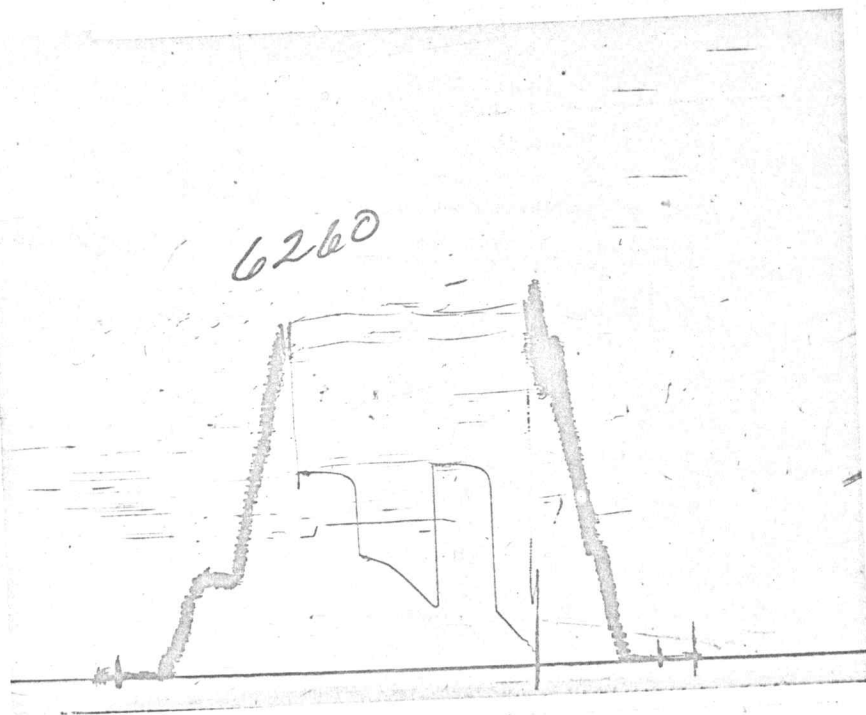
Approved By King Tester Philbern



Date 1-4-69

DRILL STEM TEST RECOVERY REPORT

Ticket No. 6260



Company American Drlg Co. Contractor Co-Tools
Well No. 1 Lease Beisel County Russell Sec. 6 Twp 14 Rng 11
Test No. 3 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2 Fh
Interval Tested From 3010 To 3024 Depth of Well 3024 Size Choke 5/8
Fluid Recovered In Flexweight & Drill pipe Temp. Elev. 18 00 KB
Initial Hyd. 1752 P.S.I. Final Hyd. 1752 P.S.I.
First Initial Flow Pressure P.S.I. Opened Tool 6:10 ~~###~~ P.M.
First Final Flow Pressure P.S.I. First Flow Pres. 30 Min.
Initial Closed-in Pressure 1016 P.S.I. Initial Closed-in Pres. 45 Min.
Second Initial Flow Pressure 276 P.S.I. Second Flow Pres. 60 Min.
Second Final Flow Pressure 570 P.S.I. Final Closed-in Pres. 45 Min.
Final Closed-in Pressure 1009 P.S.I.
Blow Strong thru-out test
Recovery 1135' Salt water
Remarks
Approved By King Tester Philbern

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company AMERICAN EXPLORATION CO.

Lease and Well No. BEISEL #1

County RUSSELL State KANSAS Date JAN. 7, 1969

Formation Test No. 4 Total Depth 3354 Elev. 1810 KB
Interval Tested 2320 To 2380 Anchor Length 60' Between Packers
Size Hole 7 7/8 Size Drill Pipe 4 1/2 FH & XH Size Packer 6 3/4
Mud Weight 10.4 Viscosity 43 Water Loss 9.8 c.c. Bottom Hole Temp. -°F
Chokes: Top 1/2 Bottom 1/2 Ticket No. 9548

RECOVERY

FAIRLY GOOD BLOW FOR 25 MINUTES. THEN STRONG BLOW FOR REMAINDER OF TEST.
GAS TO SURFACE IN 30 MINUTES, NOT STRONG ENOUGH TO GAUGE.

260 FEET OF GAS CUT MUD.

BTU 590

Lease and Well No.

BEISEL #1

6 1/4 S 11 W

SW NW SE

Formation Test No.

4

DATE JAN. 7, 1969

WELL NO. 1

TEST NO. 4

TICKET NO. 9548

	TIME	PSI
INITIAL HYDRO MUD PRESSURE		1367
INITIAL CLOSED IN PRESSURE	45 mins.	845
INITIAL FLOW	30 mins.	92 to 187
FINAL FLOW	60 mins.	132 to 178
FINAL CLOSED IN PRESSURE	60 mins.	836
FINAL HYDRO MUD PRESSURE		1367

TOTAL DEPTH 3354

PACKER DEPTH 2320 to 2380

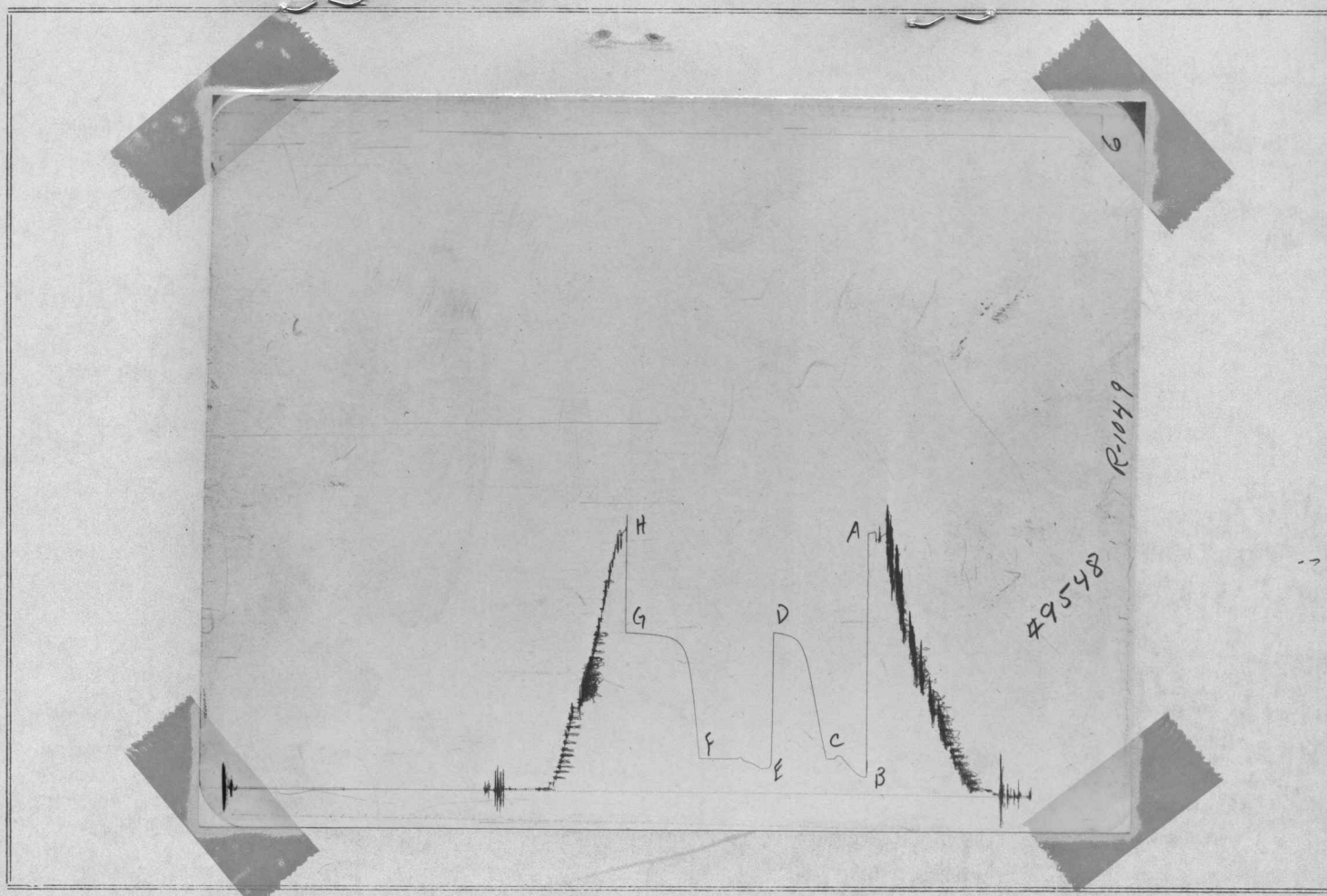
BT. NO. 1049 DEPTH 2375

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REMARKS

HOOKWALL STRADDLE TEST.

SPECIAL PRESSURE DATA



Tool Open: 1st Flow hr. 30 mins: Shut-in Initial hr. 45 min: 2nd Flow 1 hr. min: Shut-in Final 1 hr. min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	1372	1367
(B) Initial 1st Flow Pressure	91	92
(C) Final 1st Flow Pressure	183	187
(D) Initial Shut-in Pressure	851	845
(E) Initial 2nd Flow Pressure	137	132
(F) Final 2nd Flow Pressure	183	178
(G) Final Shut-in Pressure	833	836
(H) Final Hydrostatic Pressure	1362	1367

9548

MILLER TESTING COMPANY

Box 347

GREAT BEND, KANSAS

Company AMERICAN EXPLORATION CO.

Lease and Well No. BEISEL #1

County RUSSELL State KANSAS Date JAN. 8, 1969

Formation Test No. 5 Total Depth 3354 Elev. 1810 KB
 Interval Tested 1885 To 1945 Anchor Length 60
 Size Hole 7 7/8 Size Drill Pipe 4 1/2 FH & XH Size Packer 6 3/4
 Mud Weight 10.4 Viscosity 43 Water Loss 9.8 c.c. Bottom Hole Temp. 9 °F
 Chokes: Top 1/2 Bottom 1/2 Ticket No. 9549

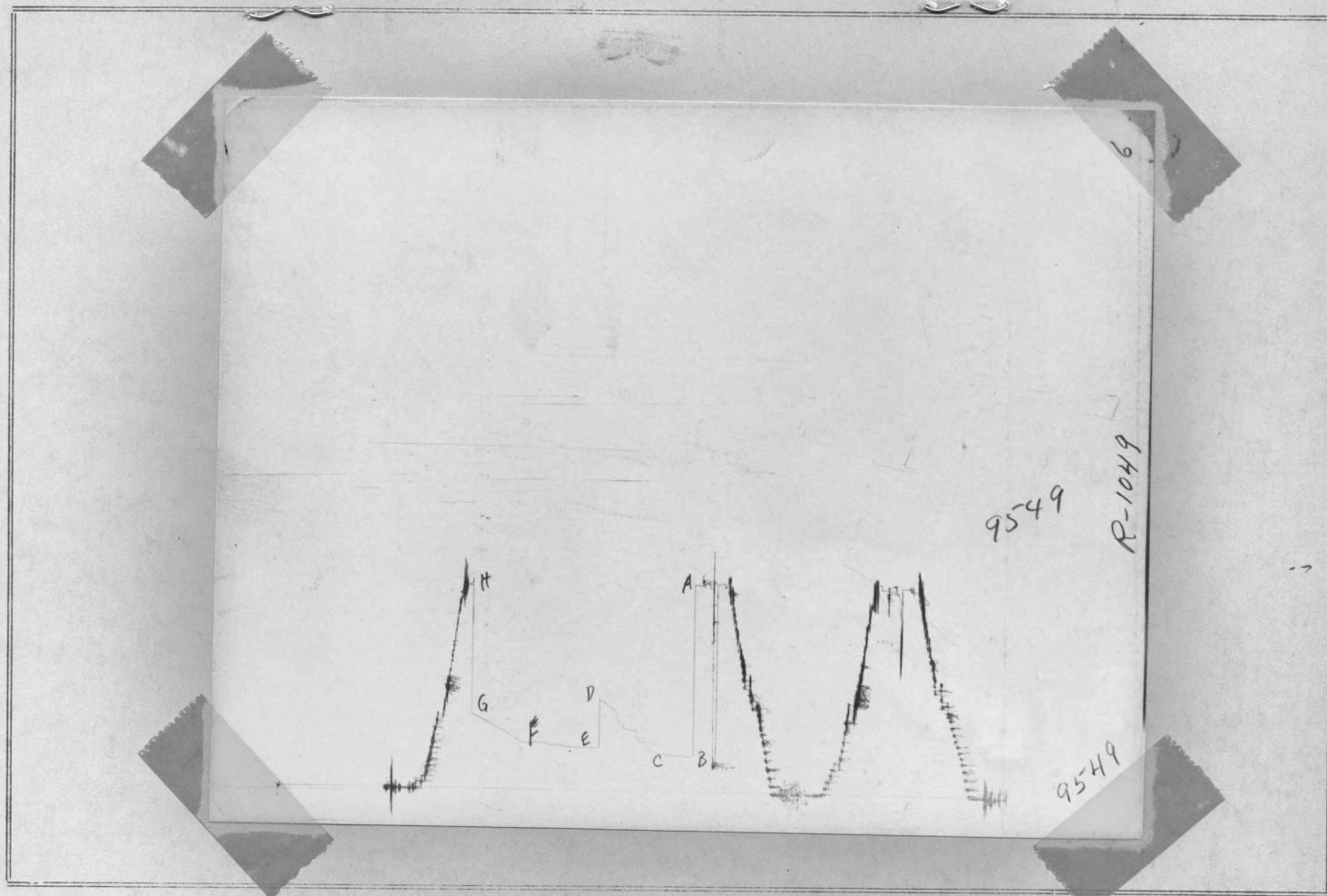
RECOVERY

FAIR BLOW DECREASED TO WEAK BY END OF TEST. PACKER FAILED WHEN IT FIRST OPENED. PICKED UP 6 FEET UP HOLE AND RESET.

330 FEET OF SLIGHTLY GAS CUT MUD.

Lease and Well No. BEISEL #1 6 1/4 S 11 W SW NW SE

Formation Test No. 5



Tool Open: 1st Flow hr. 30 mins: Shut-in Initial hr. 45 min: 2nd Flow 1 hr. min: Shut-in Final hr. 45 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>1070</u>	<u>1080</u>
(B) Initial 1st Flow Pressure	<u>183</u>	<u>185</u>
(C) Final 1st Flow Pressure	<u>192</u>	<u>201</u>
(D) Initial Shut-in Pressure	<u>471</u>	<u>472</u>
(E) Initial 2nd Flow Pressure	<u>220</u>	<u>220</u>
(F) Final 2nd Flow Pressure	<u>242</u>	<u>247</u>
(G) Final Shut-in Pressure	<u>382</u>	<u>388</u>
(H) Final Hydrostatic Pressure	<u>1061</u>	<u>1080</u>

9549

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company AMERICAN EXPLORATION CO.

Lease and Well No. BEISEL #1

County RUSSELL State KANSAS Date JAN. 8, 1969

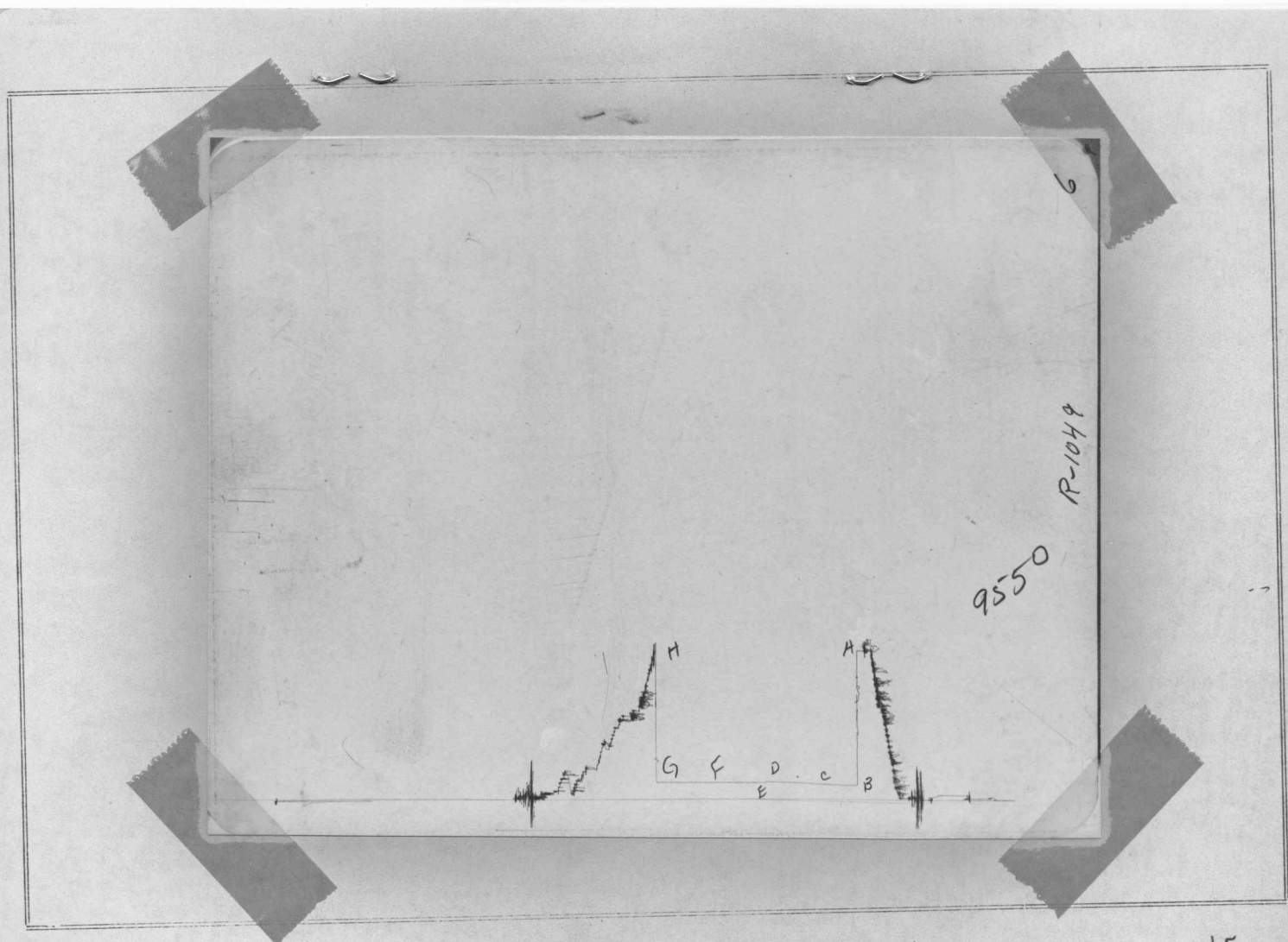
Formation Test No. 6 Total Depth 3354 Elev. 1810 KB
Interval Tested 1428 To 1518 Anchor Length 90' Between Packers
Size Hole 7 7/8 Size Drill Pipe 4 1/2 FH & XH Size Packer 6 3/4
Mud Weight 10.3 Viscosity 42 Water Loss 14.8 c.c. Bottom Hole Temp. °F
Chokes: Top 1/2 Bottom 1/2 Ticket No. 9550

RECOVERY

WEAK BLOW FOR 20 MINUTES. THEN INTERMITTENT BLOW FOR 10 MINUTES.
35 FEET OF MUD.

Lease and Well No. BEISEL #1 6 1/4 S 11 W SW NW SE

Formation Test No. 6



Tool Open: 1st Flow hr. 30 mins: Shut-in Initial hr. 45 min: 2nd Flow hr. 50 min: Shut-in Final hr. 45 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	823	824
(B) Initial 1st Flow Pressure	77	82
(C) Final 1st Flow Pressure	87	86
(D) Initial Shut-in Pressure	101	99
(E) Initial 2nd Flow Pressure	91	90
(F) Final 2nd Flow Pressure	91	92
(G) Final Shut-in Pressure	91	92
(H) Final Hydrostatic Pressure	805	814

9550