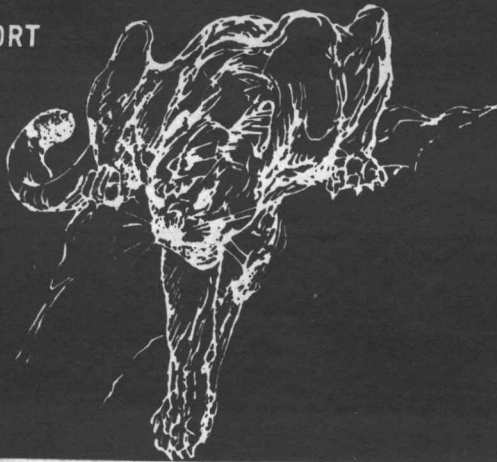


DRILL STEM TEST RECOVERY REPORT

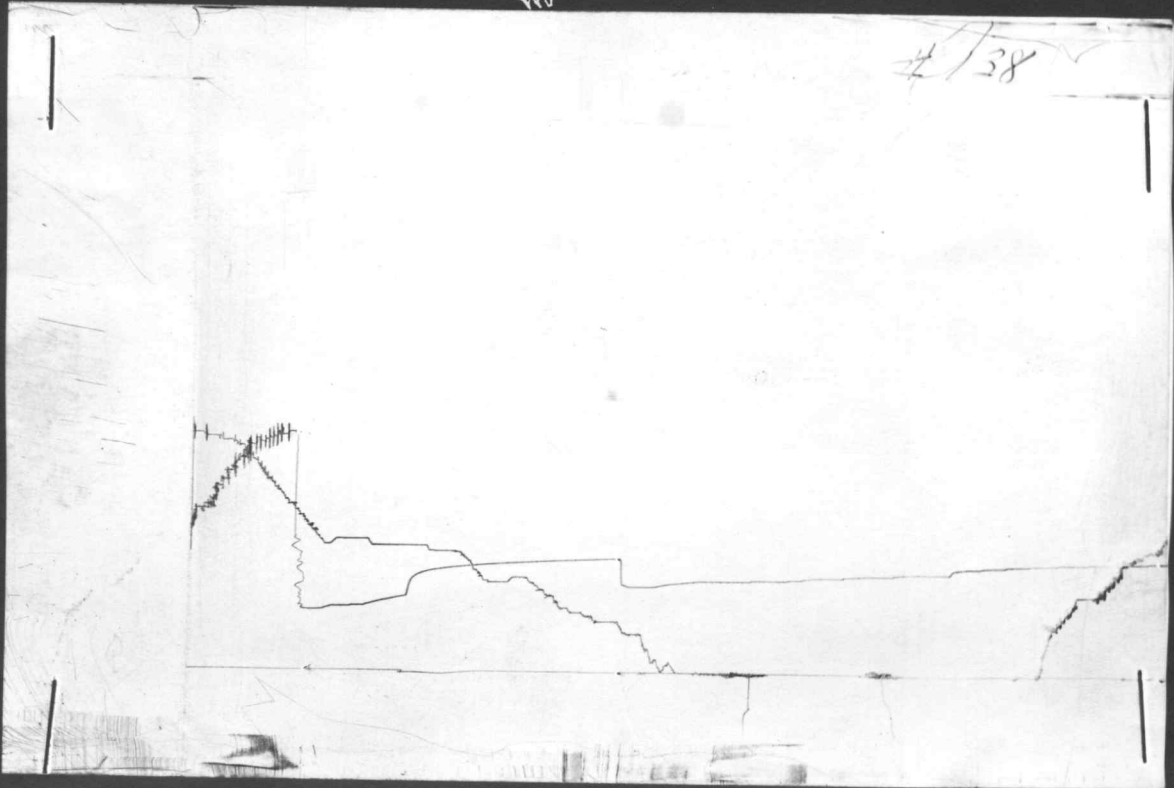
WILDCAT TESTING COMPANY

Route 1 Phone 793-9278
GREAT BEND, KANSAS



Date 3-29-70

Ticket No. 138



Company AMERICAN DRLG. CO. & RUPE Contractor AMERICAN DRLG. CO.

Well No. 1 Lease KLEIN County BARTON Sec. 25 Rg. 18 Twp. 12

Test No. 1 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2 XH.

Interval Tested From 3146 To 3183 Depth of Well 3183 Size Choke 1/2

Fluid Recovered In FLEXWEIGHT & DRILL PIPE Temp. _____ Elev. 1813 KB.

Initial Hyd. 1800 P.S.I. Final Hyd. 1800 P.S.I.

First Initial Flow Pressure 355 P.S.I. Opened Tool 3:40 A.M. #44

First Final Flow Pressure 503 P.S.I. First Flow Pres. 30 Min.

Initial Closed-in Pressure 795 P.S.I. Initial Closed-in Pres. 60 Min.

Second Initial Flow Pressure 565 P.S.I. Second Flow Pres. 90 Min.

Second Final Flow Pressure 690 P.S.I. Final Closed-in Pres. 60 Min.

Final Closed-in Pressure 795 P.S.I.

Blow STRONG BLOW. GAS TO SURFACE IN 15 MIN. T.S.T.M.

Recovery 1800 FT. CLEAN GASSY OIL.

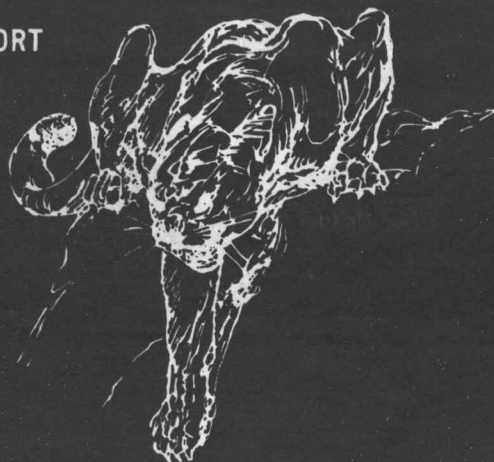
Remarks NO WATER.

Approved By DICK FOLEY Tester ED PHILBERN

DRILL STEM TEST RECOVERY REPORT

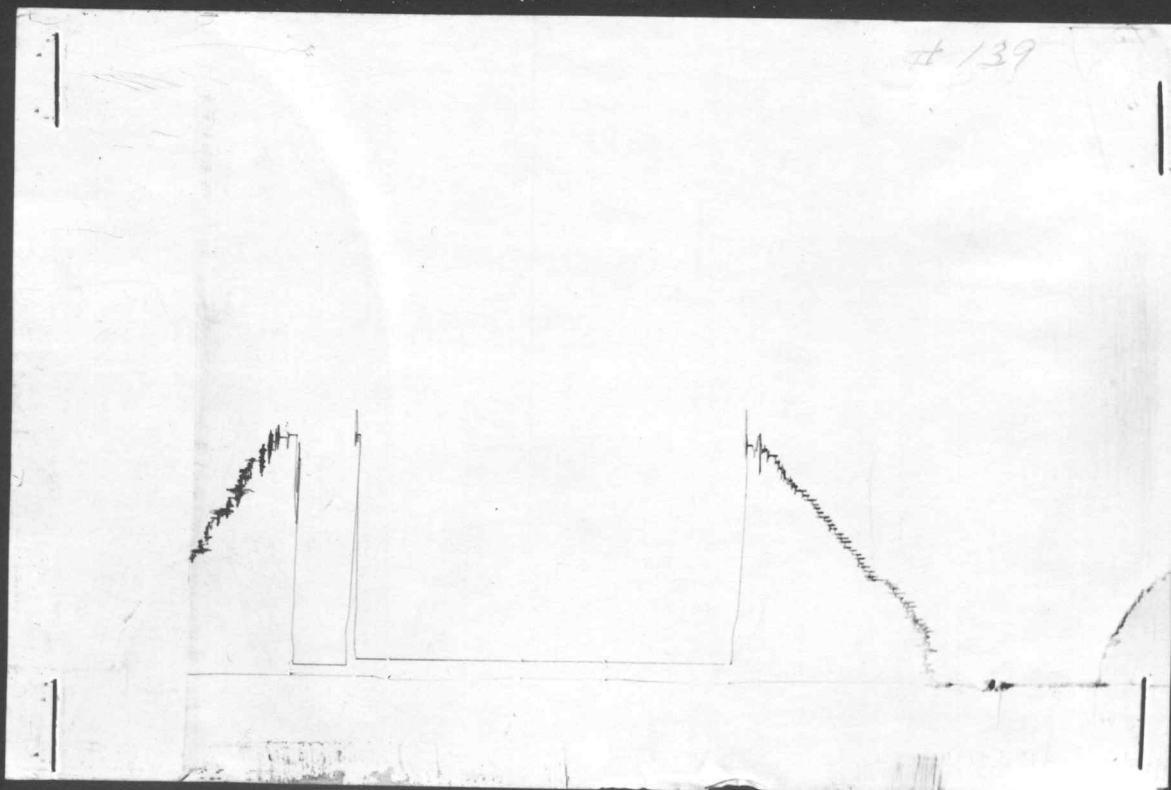
WILDCAT TESTING COMPANY

Route 1 Phone 293-9278
GREAT BEND, KANSAS



Date 3-29-70

Ticket No. 139



Company AMERICAN & GLEN RUPE Contractor AMERICAN DRLG. CO.

Well No. 1 Lease KLEIN County BARTON Sec. 25 Rg. 18 Twp. 12

Test No. 2 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2 XH

Interval Tested From 3228 To 3250 Depth of Well 3250 Size Choke 1/2

Fluid Recovered In FLEXWEIGHT Temp. 110 Elev. 1813 KB.

Initial Hyd. 1825 P.S.I. Final Hyd. 1825 P.S.I.

First Initial Flow Pressure 35 P.S.I. Opened Tool 7:53 ~~###~~ P.M.

First Final Flow Pressure 45 P.S.I. First Flow Pres. 30 Min.

Initial Closed-in Pressure 45 P.S.I. Initial Closed-in Pres. 30 Min.

Second Initial Flow Pressure 45 P.S.I. Second Flow Pres. 30 Min.

Second Final Flow Pressure 45 P.S.I. Final Closed-in Pres. 30 Min.

Final Closed-in Pressure 45 P.S.I.

Blow WEAK BLOW FOR 6 MIN. FLUSH TOOL.

Recovery 10 FT. OIL CUT DRLG. MUD.

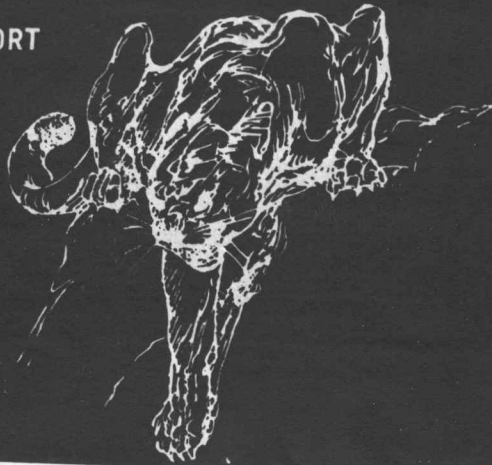
Remarks

Approved By DICK FOLEY Tester ED PHILBERN

DRILL STEM TEST RECOVERY REPORT

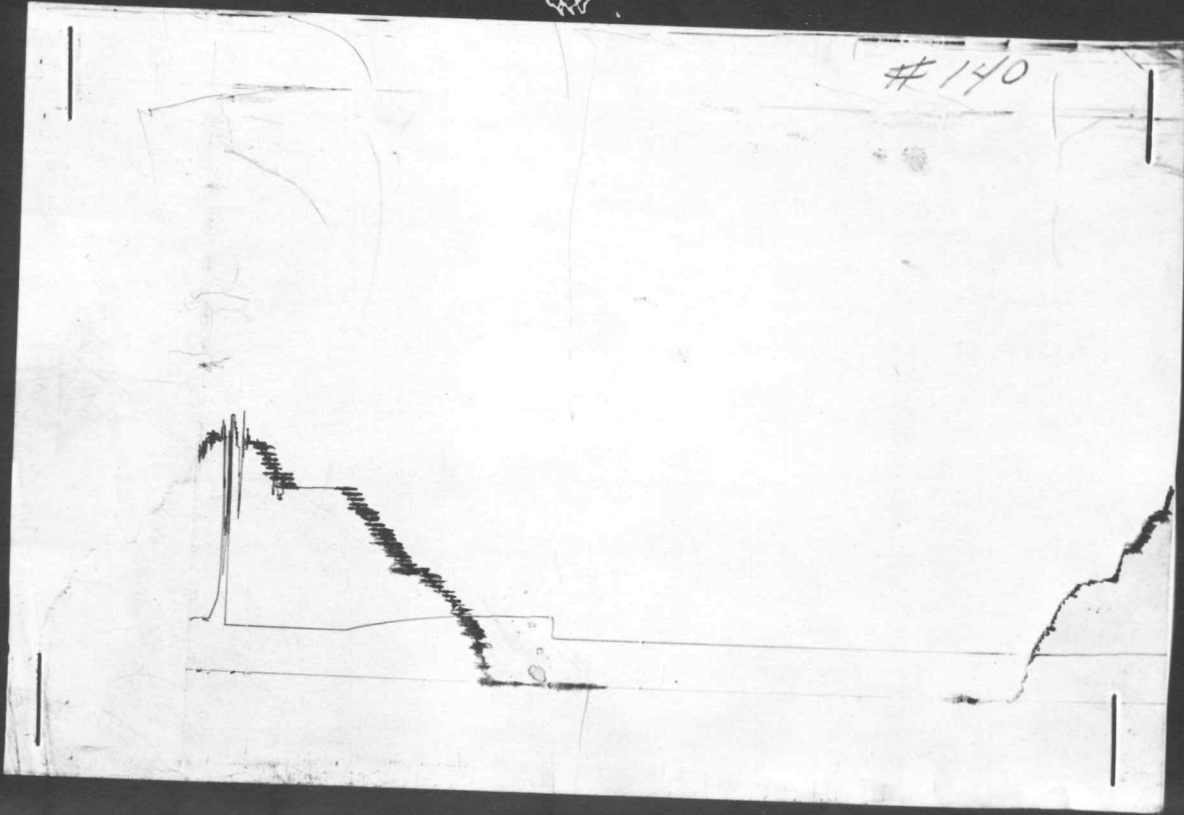
WILDCAT TESTING COMPANY

Route 1 Phone 793-9278
GREAT BEND, KANSAS



Date 3-30-70

Ticket No. 140



Company AMERICAN & RUPE Contractor AMERICAN DRILL. CO.
Well No. 1 Lease KLEIN County BARTON Sec. 25 Rg. 18 Twp. 12
Test No. 3 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2 XH
Interval Tested From 3250 To 3290 Depth of Well 3290 Size Choke 1/2
Fluid Recovered In FLEXWEIGHT Temp. 121 Elev. 1813 KB.
Initial Hyd. 1820 P.S.I. Final Hyd. 1820 P.S.I.
First Initial Flow Pressure 285 P.S.I. Opened Tool 10:10 A.M./P.M.
First Final Flow Pressure 285 P.S.I. First Flow Pres. 30 Min.
Initial Closed-in Pressure 450 P.S.I. Initial Closed-in Pres. 60 Min.
Second Initial Flow Pressure 285 P.S.I. Second Flow Pres. 120 Min.
Second Final Flow Pressure 285 P.S.I. Final Closed-in Pres. 60 Min.
Final Closed-in Pressure 315 P.S.I.
Blow FAIR TO STRONG BLOW THRU-OUT TEST.

Recovery 1425 FT. GAS IN PIPE.

125 FT. OIL & GAS CUT MUD.

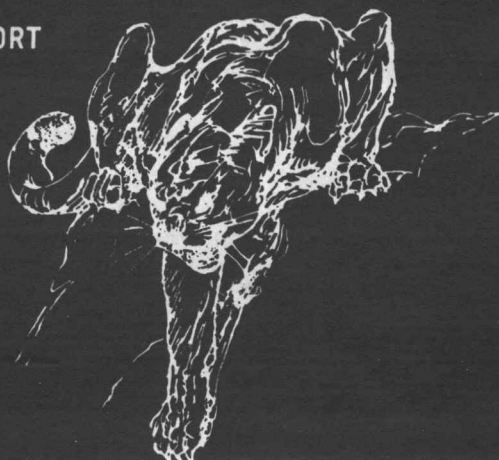
Remarks

Approved By DICK FOLEY Tester ED PHILBERN

DRILL STEM TEST RECOVERY REPORT

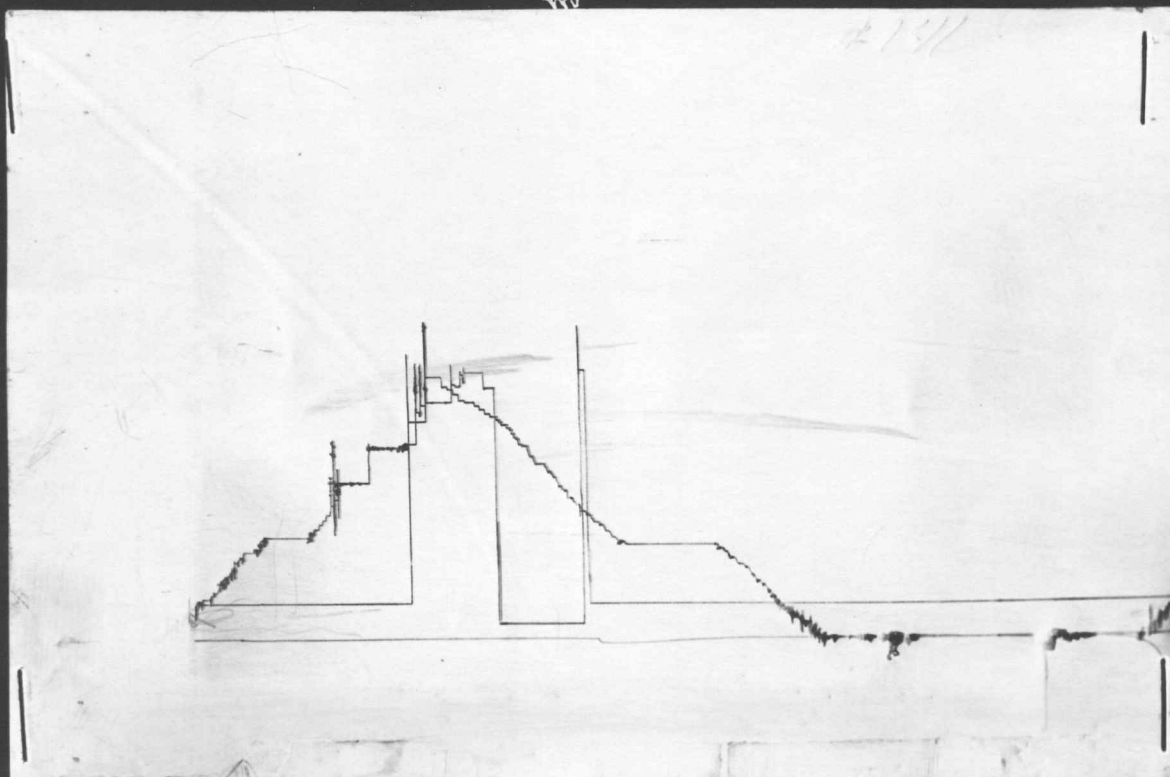
WILDCAT TESTING COMPANY

Route 1 Phone 793 9278
GREAT BEND, KANSAS



Date 4-1-70

Ticket No. 141



Company AMERICAN & RUPE Contractor AMERICAN DRILLING CO.

Well No. 1 Lease KLEIN County BARTON Sec. 25 Rg. 18 Twp. 12

Test No. 4 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2 H

Interval Tested From 3357 To 3391 Depth of Well 3391 Size Choke 1/2

Fluid Recovered In FLEXWEIGHT Temp. 120 Elev. 1813 KB.

Initial Hyd. 1865 P.S.I. Final Hyd. 1865 P.S.I.

First Initial Flow Pressure 197 P.S.I. Opened Tool 4:18 A.M. P.M. #

First Final Flow Pressure 197 P.S.I. First Flow Pres. 30 Min.

Initial Closed-in Pressure 385 P.S.I. Initial Closed-in Pres. 60 Min.

Second Initial Flow Pressure 197 P.S.I. Second Flow Pres. 30 Min.

Second Final Flow Pressure 197 P.S.I. Final Closed-in Pres. 90 Min.

Final Closed-in Pressure 325 P.S.I.

Blow WEAK STEADY BLOW THRU INITIAL FLOW.

Recovery 20 FT. DRILL. MUD.

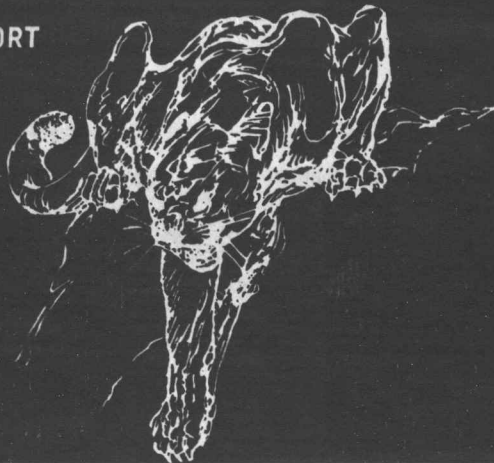
Remarks

Approved By DICK FOLEY Tester ED PHILBERN

DRILL STEM TEST RECOVERY REPORT

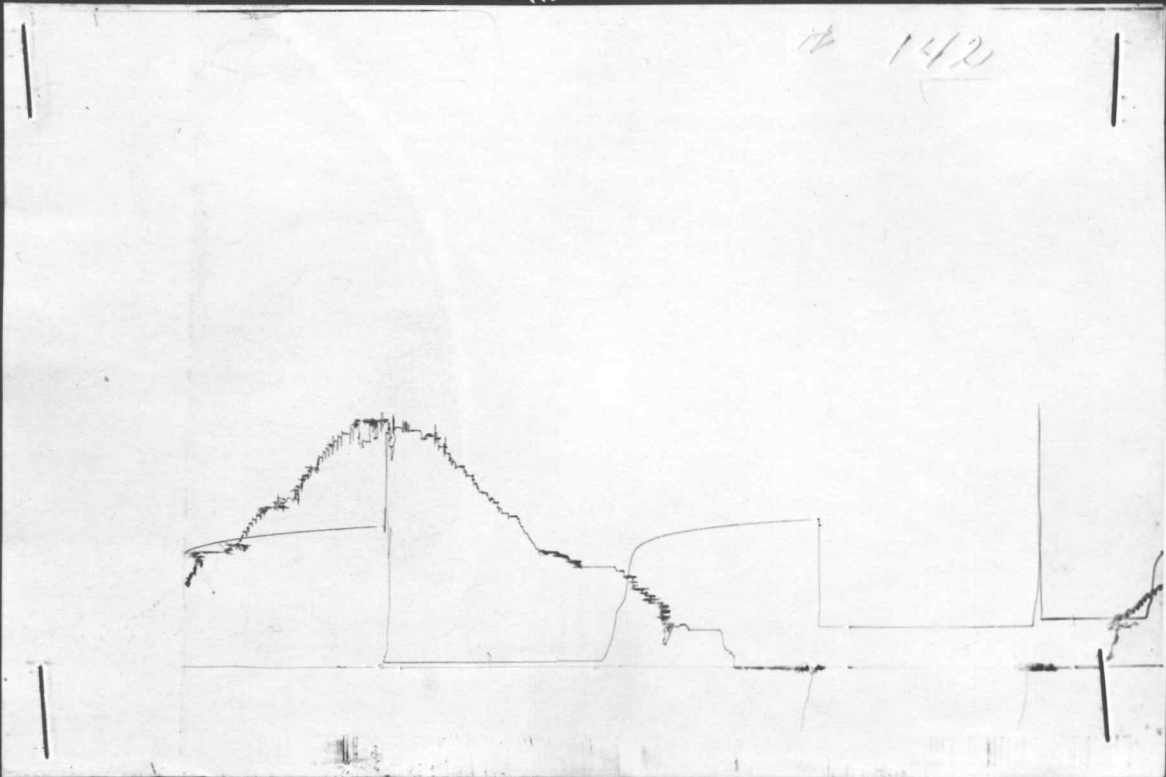
WILDCAT TESTING COMPANY

Route 1 Phone 793-2278
GREAT BEND, KANSAS



Date 4-2-70

Ticket No. 142



Company AMERICAN DRLG. CO. & RUPE Contractor AMERICAN DRLG. CO

Well No. 1 Lease KLEIN County BARTON Sec. 25 Rg. 18 Twp. 12

Test No. 5 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2 XH.

Interval Tested From 3390 To 3400 Depth of Well 3400 Size Choke 1/2

Fluid Recovered In FLEXWEIGHT Temp. 117 Elev. 1813 KB.

Initial Hyd. 1880 P.S.I. Final Hyd. 1880 P.S.I.

First Initial Flow Pressure 24 P.S.I. Opened Tool 1:40 A.M. / P.M.

First Final Flow Pressure 24 P.S.I. First Flow Pres. 60 Min.

Initial Closed-in Pressure 1020 P.S.I. Initial Closed-in Pres. 60 Min.

Second Initial Flow Pressure 220 P.S.I. Second Flow Pres. 90 Min.

Second Final Flow Pressure 285 P.S.I. Final Closed-in Pres. 60 Min.

Final Closed-in Pressure 1000 P.S.I.

Blow FAIR STEADY BLOW THRU-OUT TEST.

Recovery 250 FT. GAS IN PIPE.

125 FT. CLEAN GASSY OIL

63 FT. MUDDY OIL. 125 FT. V.V.H.O.&.G.C.M.

Remarks NO WATER.

Approved By DICK FOLEY Tester ED PHILBERN.