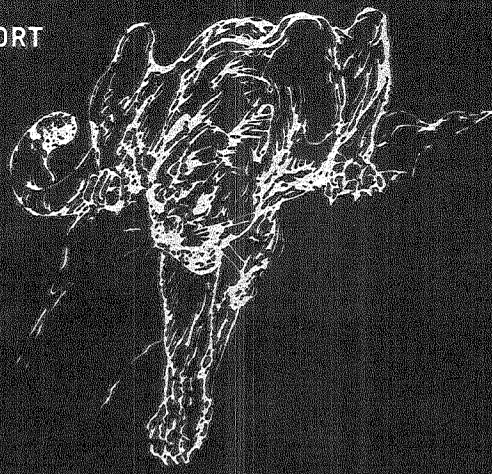


DRILL STEM TEST RECOVERY REPORT

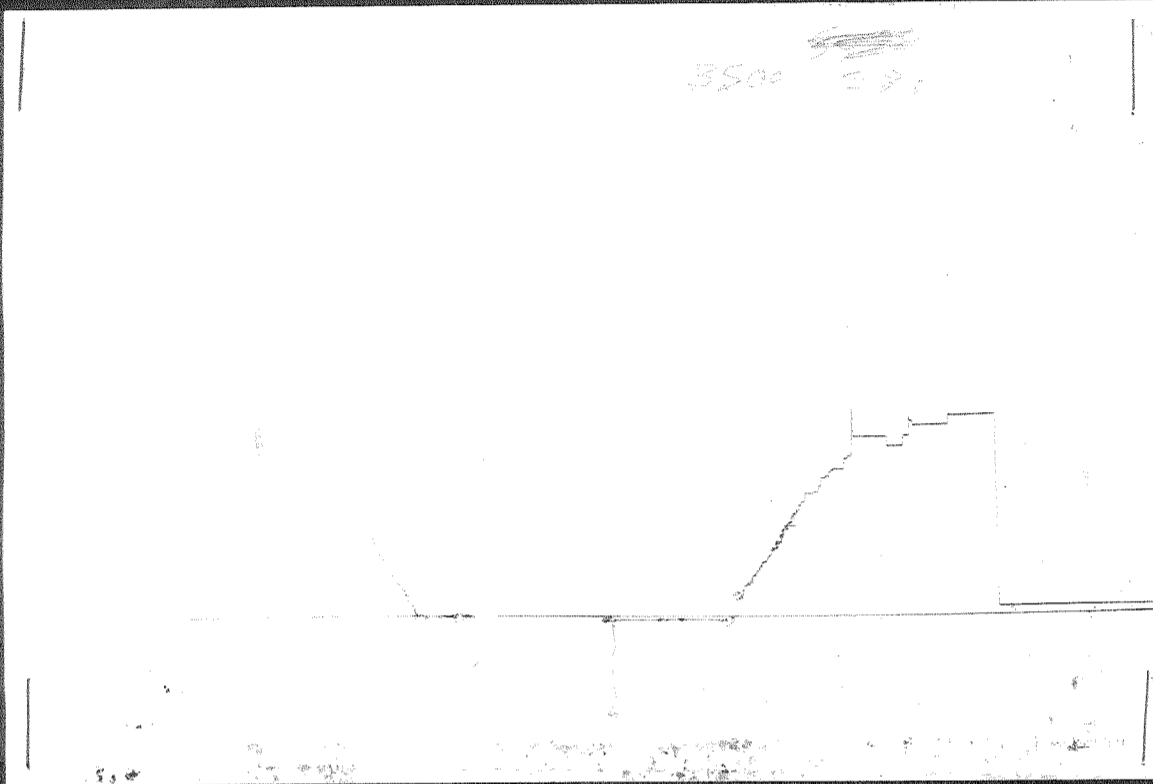
WILDCAT TESTING COMPANY

PLANT 1 - BOX 1000
GREAT BEND, KANSAS



Date 3-5-71

Ticket No. 281



Company WILL P. ASH Contractor SAGE DRILLING CO. RIG #5
 Well No. 5-C Lease BOREL County ELISWORTH Sec. _____ Rg. _____ Twp. _____
 Test No. 1 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/4 IN.
 Interval Tested From 2442 To 2459 Depth of Well 2459 Size Choke 1/2
 Fluid Recovered In FLEXWEIGHT Temp. _____ Elev. _____
 Initial Hyd. _____ P.S.I. Final Hyd. _____ P.S.I.
 First Initial Flow Pressure 50 P.S.I. Opened Tool 10:30 ~~XXX~~ P.M.
 First Final Flow Pressure 50 P.S.I. First Flow Pres. 30 Min.
 Initial Closed-in Pressure 50 P.S.I. Initial Closed-in Pres. 30 Min.
 Second Initial Flow Pressure 50 P.S.I. Second Flow Pres. 15 Min.
 Second Final Flow Pressure 50 P.S.I. Final Closed-in Pres. 15 Min.
 Final Closed-in Pressure 50 P.S.I.
 Blow VERY WEAK

Recovery 15 FT. OIL CUT MUD

Remarks _____

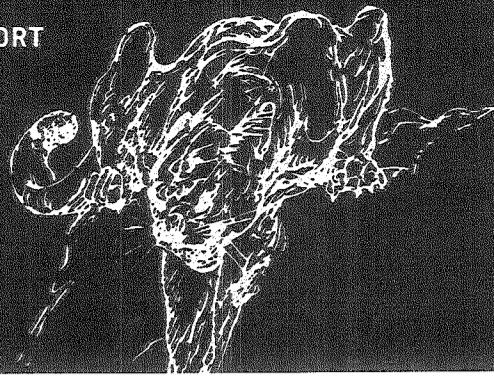
Approved By RICHARD M. FOLEY

Tester JACK KELIN

DRILL STEM TEST RECOVERY REPORT

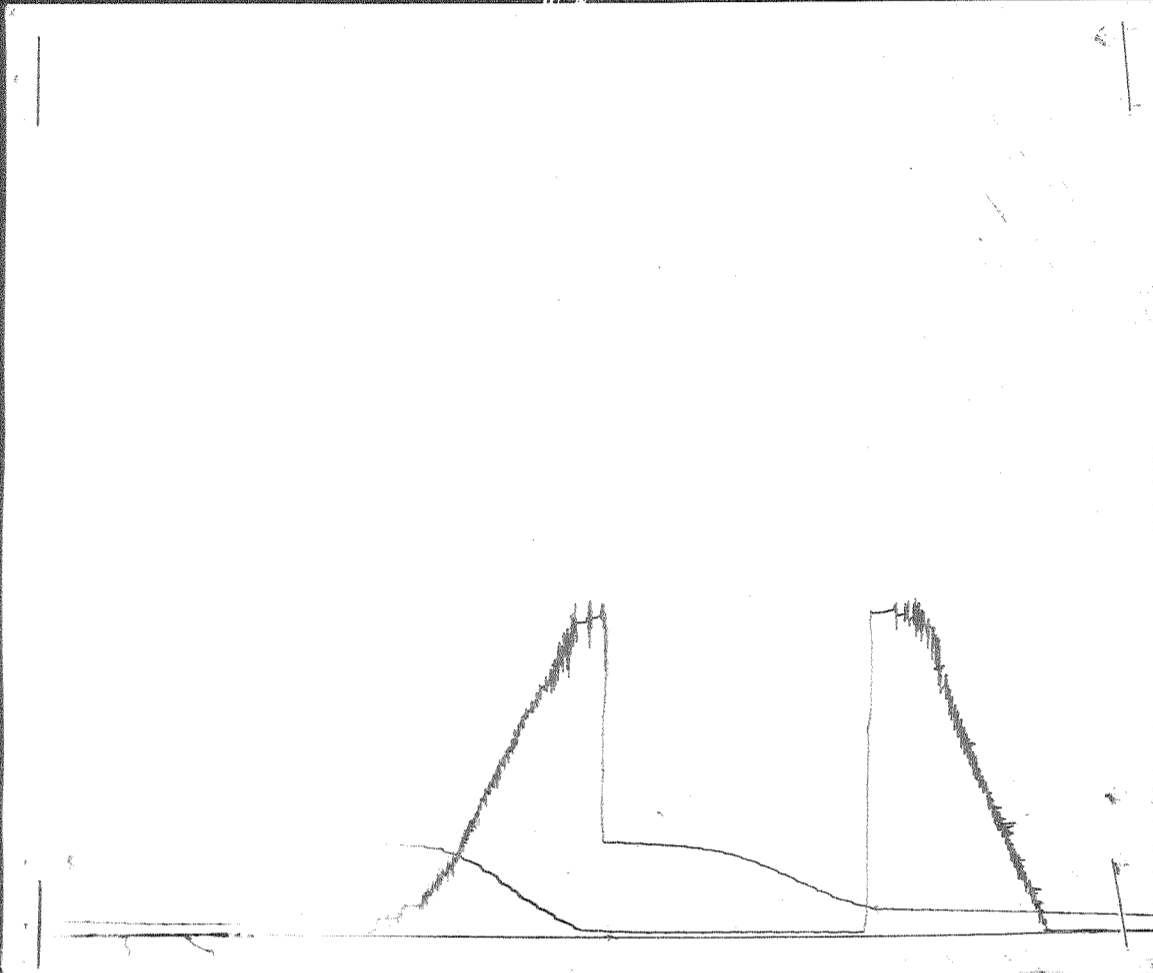
WILDCAT TESTING COMPANY

PLATE 1 - FORM 703-2-73
GREAT BEND, KANSAS



Date 3-7-71

Ticket No. 282



Company _____

Well No. C-5 Lease BOREL County ELLSWORTH Sec. _____ Rg. _____ Twp. _____

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

Interval Tested From 2821 To 2842 Depth of Well 2842 Size Choke 1/2

Fluid Recovered In FLEXWEIGHT Temp. _____ Elev. _____

Initial Hyd. 1390 P.S.I. Final Hyd. 1390 P.S.I.

First Initial Flow Pressure 200 P.S.I. Opened Tool 1:52 A.M. ~~PM~~

First Final Flow Pressure 200 P.S.I. First Flow Pres. 60 Min.

Initial Closed-in Pressure 540 P.S.I. Initial Closed-in Pres. 45 Min.

Second Initial Flow Pressure 310 P.S.I. Second Flow Pres. 240 Min.

Second Final Flow Pressure 310 P.S.I. Final Closed-in Pres. 60 Min.

Final Closed-in Pressure 588 P.S.I.

Blow STRONG BLOW THRU-OUT TEST

Recovery 40 FT. MUD CUT OIL

300 FT. CLEAN OIL

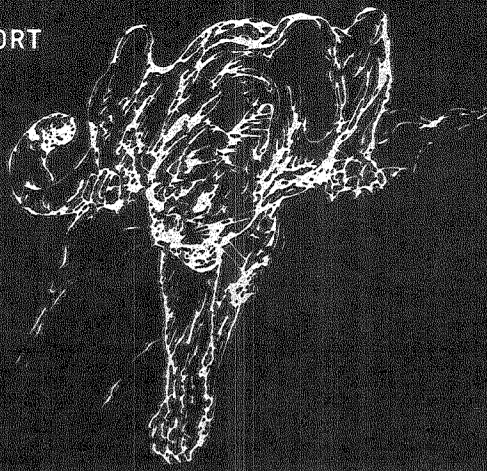
Remarks _____

Approved By RICHARD M. FOLEY

Tester JACK KELIN

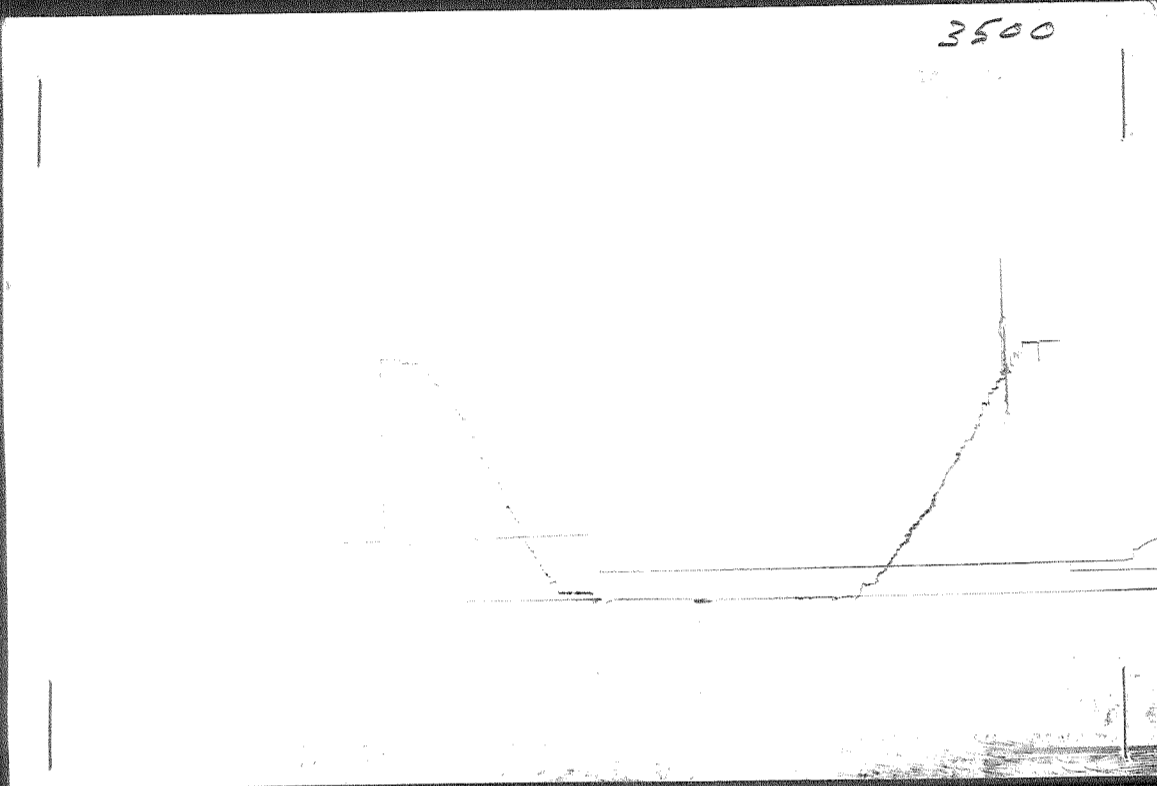
DRILL STEM TEST RECOVERY REPORT

WILDCAT TESTING COMPANY



Date 3-7-71

Ticket No. 283



Company WILL P. ASH Contractor SAGE DRIG. CO. RIG #5
 Well No. C-5 Lease BORREL County ELLSWORTH Sec. _____ Rg. _____ Twp. _____
 Test No. 3 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2 FH.
 Interval Tested From 2865 To 2894 Depth of Well 2894 Size Choke 1/2
 Fluid Recovered In FLEXWEIGHT Temp. _____ Elev. _____
 Initial Hyd. _____ P.S.I. Final Hyd. _____ P.S.I.
 First Initial Flow Pressure 120 P.S.I. Opened Tool 6:55 XXX P.M.
 First Final Flow Pressure 120 P.S.I. First Flow Pres. 60 Min.
 Initial Closed-in Pressure 440 P.S.I. Initial Closed-in Pres. 60 Min.
 Second Initial Flow Pressure 260 P.S.I. Second Flow Pres. 120 Min.
 Second Final Flow Pressure 260 P.S.I. Final Closed-in Pres. 60 Min.
 Final Closed-in Pressure 440 P.S.I.

Blow GOOD BLOW THRU-OUT TEST

Recovery 150 FT. WATERY GAS CUT MUD WITH OIL SPOTS

Remarks _____

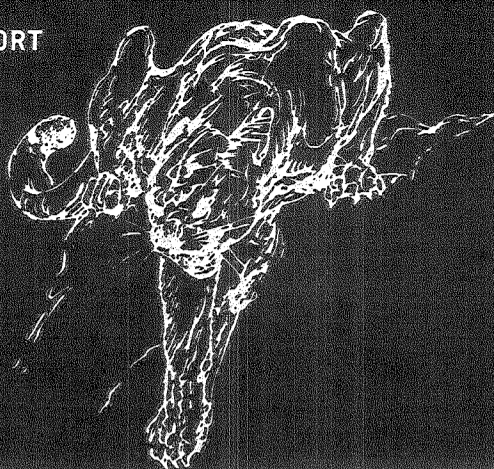
Approved By RICHARD M. FOLEY

Tester JACK KELIN

DRILL STEM TEST RECOVERY REPORT

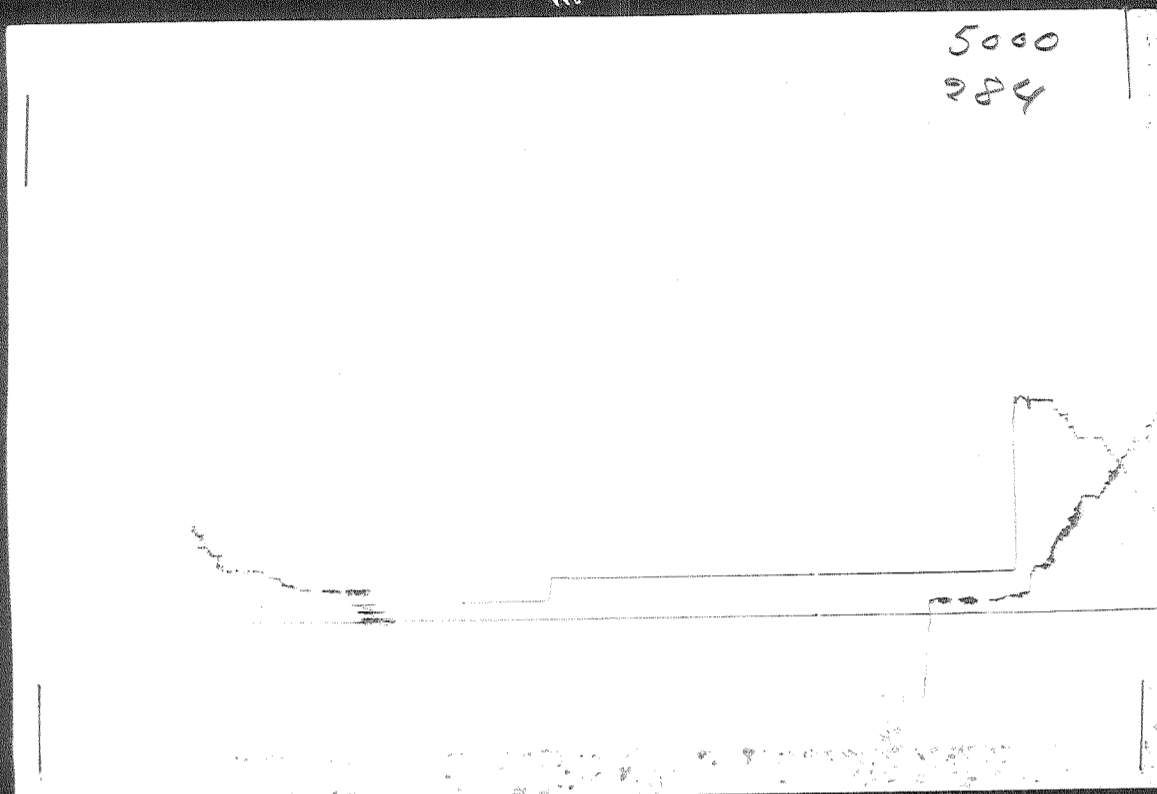
WILDCAT TESTING COMPANY

Route 1 Phone 793-0275
GREAT BEND, KANSAS



Date 3-8-71

Ticket No. 284



Company WILL P. ASH Contractor SAGE DRILL CO.
 Well No. C-5 Lease BOREL County ELLSWORTH Sec. _____ Rg. _____ Twp. _____
 Test No. 4 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2 FH.
 Interval Tested From 2893 To 2901 Depth of Well 2901 Size Choke 1/2
 Fluid Recovered In FLEXWEIGHT Temp. _____ Elev. _____
 Initial Hyd. 1580 P.S.I. Final Hyd. 1580 P.S.I.
 First Initial Flow Pressure 50 P.S.I. Opened Tool 7:30 A.M. P.M.
 First Final Flow Pressure 50 P.S.I. First Flow Pres. 30 Min.
 Initial Closed-in Pressure failed P.S.I. Initial Closed-in Pres. 60 Min.
 Second Initial Flow Pressure 220 P.S.I. Second Flow Pres. 60 Min.
 Second Final Flow Pressure 220 P.S.I. Final Closed-in Pres. 60 Min.
 Final Closed-in Pressure 220 P.S.I.

Blow STRONG BLOW THRU-OUT TEST

Recovery 435 FT. MUDDY WATER GAS CUT THRU-OUT

Remarks _____

Approved By RICHARD M. FOLEY

Tester JACK KELIN