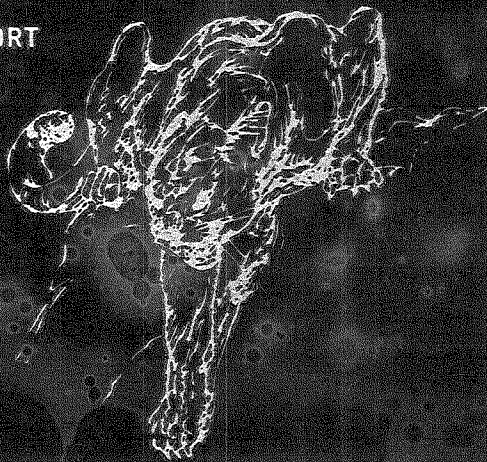


DRILL STEM TEST RECOVERY REPORT

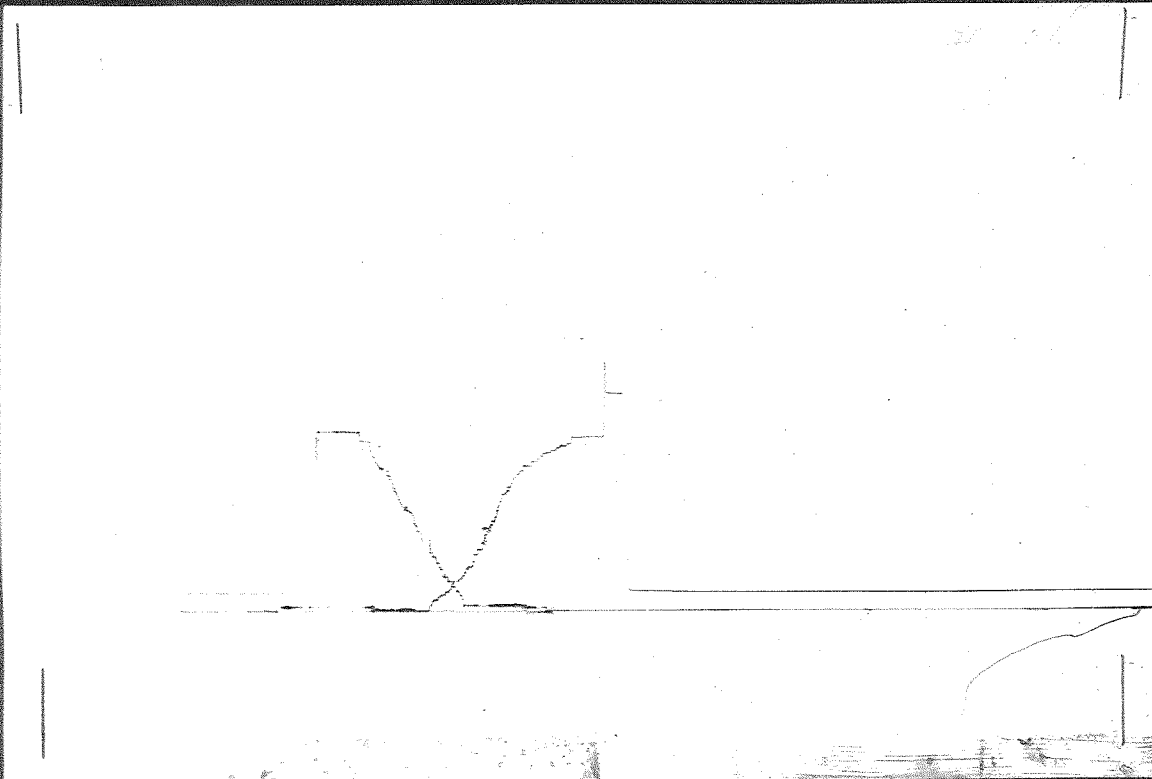
WILDCAT TESTING COMPANY

XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX



Date 2-14-71

Ticket No. 301



Company WILL P. ASH		Contractor SAGE DRILL CO.	
Well No. 5	Lease COOK	County ELLSWORTH	Sec. 19 Rg. 10 Twp. 14
Test No. 1	Size Hole 7 7/8	Packer Size 6 3/4	Drill Pipe Size 5 1/2 #4 1/2 P.H.
Interval Tested From 2444 To 2465		Depth of Well 2465	Size Choke 1/2
Fluid Recovered In FLEXWEIGHT		Temp.	Elev.
Initial Hyd. 1330	PSI	Final Hyd. 1330	PSI
First Initial Flow Pressure 70	PSI	Opened Tool 10:23	*** P.M.
First Final Flow Pressure 70	PSI	First Flow Pres. 30	Min.
Initial Closed-in Pressure 70	PSI	Initial Closed-in Pres. 30	Min.
Second Initial Flow Pressure 70	PSI	Second Flow Pres. 90	Min.
Second Final Flow Pressure 70	PSI	Final Closed-in Pres. 30	Min.
Final Closed-in Pressure 70	PSI		

Blow STRONG BLOW THRU-OUT TEST

Recovery 360 FT. GAS

40 FT. VERY HEAVY OIL & GAS CUT MUD

NO WATER

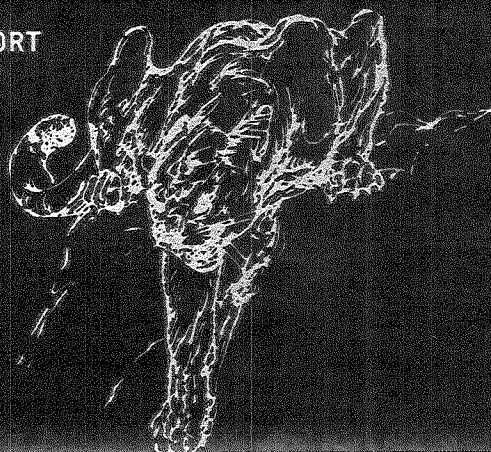
Remarks

Approved By RICHARD M. FOLEY

Tester JACK KELIN

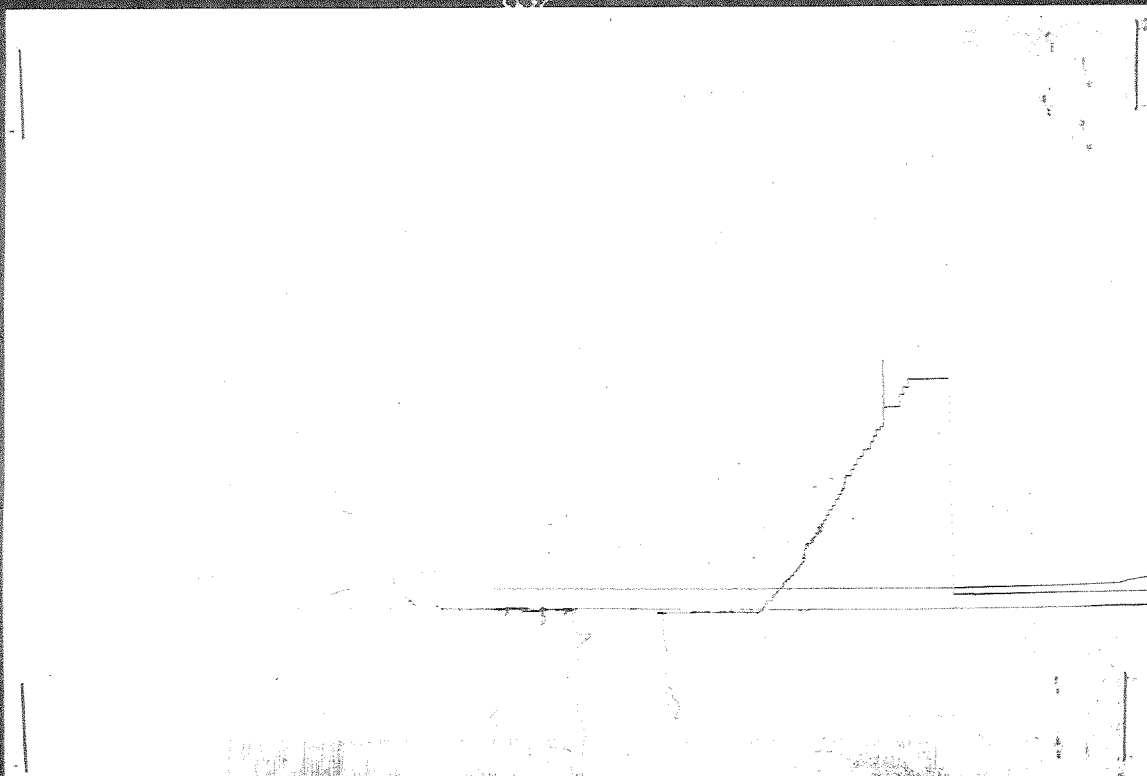
DRILL STEM TEST RECOVERY REPORT

WILDCAT TESTING COMPANY



Date 2-16-71

Ticket No. 302



Company WILL P. ASH Contractor SAGE RIG #5

Well No. 5 Lease COOK County ELLSWORTH Sec. 19 Rg. 10 Twp. 14

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

Interval Tested From 2825 To 2845 Depth of Well 2845 Size Choke 1/2

Fluid Recovered In FLEXWEIGHT Temp. _____ Elev. _____

Initial Hyd. <u>1620</u> P.S.I.	Final Hyd. <u>1620</u> P.S.I.
First Initial Flow Pressure <u>260</u> <u>260</u> P.S.I.	Opened Tool <u>3:40</u> A.M. <u>XXX</u>
First Final Flow Pressure <u>260</u> <u>260</u> P.S.I.	First Flow Pres. <u>60</u> Min.
Initial Closed-in Pressure <u>260</u> <u>5:05</u> P.S.I.	Initial Closed-in Pres. <u>60</u> Min.
Second Initial Flow Pressure <u>260</u> <u>285</u> P.S.I.	Second Flow Pres. <u>120</u> Min.
Second Final Flow Pressure <u>260</u> <u>285</u> P.S.I.	Final Closed-in Pres. <u>60</u> Min.
Final Closed-in Pressure <u>260</u> <u>490</u> P.S.I.	

Blow STRONG BLOW THRU-OUT TEST

Recovery 900 FT. GAS IN PIPE

160 FT. VERY HEAVY OIL & GAS CUT MUD

WITH FREE OIL IN TOP OF TEST TOOL

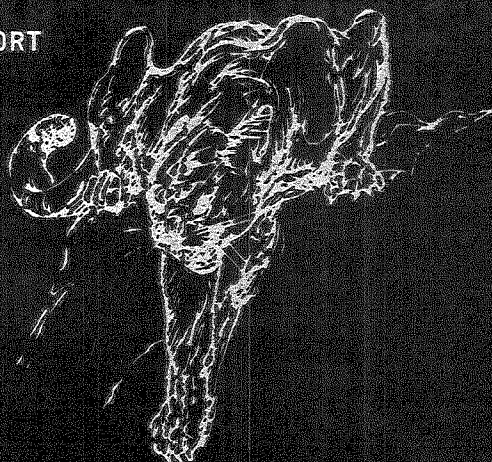
Remarks _____

Approved By RICHARD M. FOLEY

Tester JACK KELIN

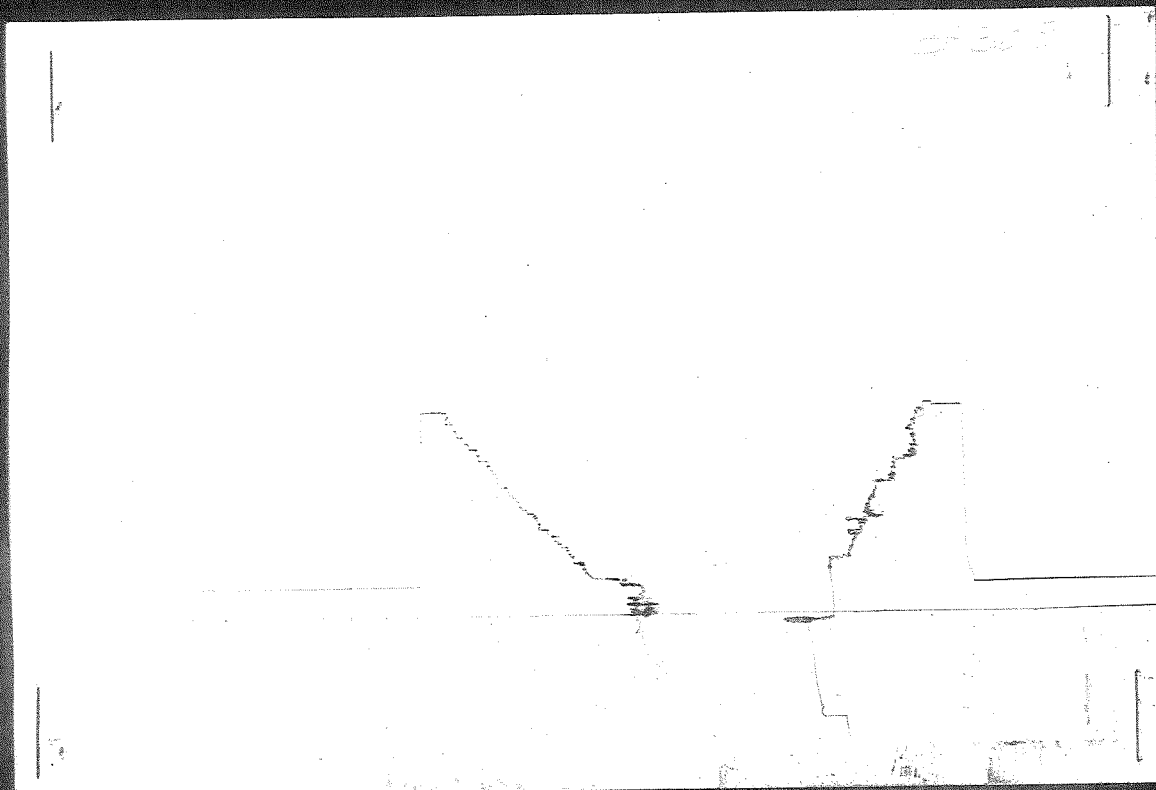
DRILL STEM TEST RECOVERY REPORT

WILDCAT TESTING COMPANY



Date 2-16-71

Ticket No. 303



Company	WILL P. ASH		Contractor	SAGE DRIG. RIG #5	
Well No.	5	Lease	COOK	County	ELLISWORTH
				Sec.	19
				Rg.	10
				Twp.	14
Test No.	3	Size Hole	7 7/8	Packer Size	6 3/4
				Drill Pipe Size	4 1/2 F.H.
Interval Tested From	2881	To	2892	Depth of Well	2892
				Size Choke	1/2
Fluid Recovered In	FLEXWEIGHT		Temp.	Elev.	
Initial Hyd.	1560	P.S.I.	Final Hyd.	1560	P.S.I.
First Initial Flow Pressure	95	P.S.I.	Opened Tool	5:35	XXX P.M.
First Final Flow Pressure	95	P.S.I.	First Flow Pres.	30	Min.
Initial Closed-in Pressure	95	P.S.I.	Initial Closed-in Pres.	30	Min.
Second Initial Flow Pressure	95	P.S.I.	Second Flow Pres.	30	Min.
Second Final Flow Pressure	95	P.S.I.	Final Closed-in Pres.	30	Min.
Final Closed-in Pressure	95	P.S.I.			

Blow WEAK BLOW FOR TEN MIN.

5 FT. MUD

Recovery 5 FT. MUD

Remarks

Approved By RICHARD M. FOLEY

Tester JACK KELIN