

Phone
(303) 830-8080

Star Hughes

Denver Center Bldg.
1776 Lincoln St., Suite 401
Denver, CO 80203

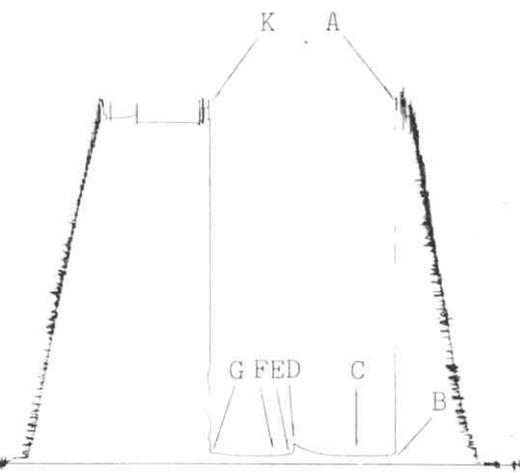
Contractor	Big Kat Drilling	Surface Choke	1"	Mud Type	Starch
Rig No.	--	Bottom Choke	7/8"	Weight	9.9
Spot	SE/NE/SE	Hole Size	7 7/8"	Viscosity	44
Sec.	3	Core Hole Size	--	Water Loss	13.6
Twp.	19 S	DP Size & Wt.	4 1/2" FH	Filter Cake	2/32
Rng.	13 W	Wt. Pipe	4 1/2" FH	Resistivity	-- @ -- of
Field	--	I.D. of DC	--	68,000 Ppm. NaCl	
County	Barton	Length of DC	--	B.H.T.	117 of
State	Kansas	Total Depth	3378'	Co. Rep.	Roger Reynolds
Elevation	1855' KB	Type Test	Conventional	Tester	Kenny McGuirk
Formation	Arbuckle	Interval	3352' - 3378'		

Operator: Usern-Schultz Oil & Gas, Inc.
 Ticket No. 02062
 Date: 5/8/83
 Well Name & No. VERTON MILLER #1
 Location: SE/NE/SE S-3 T-19S R-13W
 County, State: Barton County, Kansas
 U.S.I. No. 2
 Interval: 3352' - 3378'
 Formation: Arbuckle

	REPORTED	CORRECTED
Opened Tool @	09:15	hrs.
Flow No. 1	30	min.
Shut-in No. 1	45	min.
Flow No. 2	15	min.
Shut-in No. 2	45	min.
Flow No. 3	None Taken	min.
Shut-in No. 3	" "	min.

Recorder Type	Kuster AK-1
No. 1620	Cap. 4000 psi
Depth	3372 feet
Inside	x Outside

Initial Hydrostatic	A	1827
Final Hydrostatic	K	1796
Initial Flow	B	53
Final Initial Flow	C	43
Initial Shut-in	D	104
Second Initial Flow	E	59
Second Final Flow	F	41
Second Shut-in	G	56
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	



Pipe Recovery: 5' Drilling mud = 0.04 bbl. (clean oil in tool)

Surface blow:
 1st flow: Tool opened with a very weak blow, died in 25 minutes and remained through flow period.
 2nd flow: Tool opened with no blow and remained through flow period.

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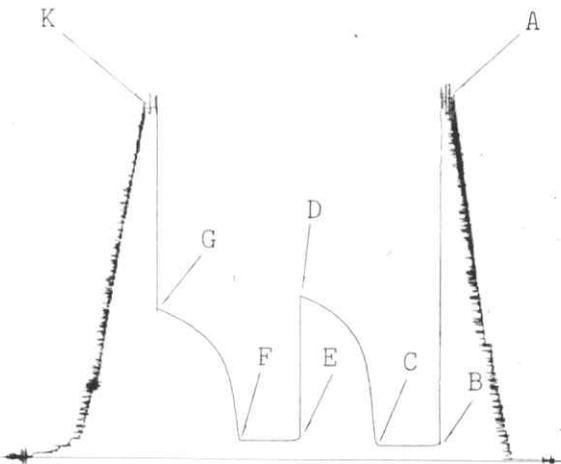
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Contractor	Big Kat Drilling	Surface Choke	1"	Mud Type	Starch
Rig No.	--	Bottom Choke	7/8"	Weight	10.0
Spot	SE/NE/SE	Hole Size	7 7/8"	Viscosity	40
Sec.	3	Core Hole Size	--	Water Loss	13.6
Twp.	19 S	DP Size & Wt.	4 1/2" FH	Filter Cake	2/32
Rng.	13 W	Wt. Pipe	4 1/2" XH	Resistivity	-- @ -- of
Field	--	I.D. of DC	--	68,000 Ppm. NaCl	
County	Barton	Length of DC	--	B.H.T.	117 of
State	Kansas	Total Depth	3383'	Co. Rep.	Roger Reynolds
Elevation	1855' KB	Type Test	Conventional	Tester	Kenny McGuirk
Formation	Arbuckle	Interval	3354' - 3383'		

	REPORTED	CORRECTED
Opened Tool @	21:30	hrs.
Flow No. 1	45	min.
Shut-in No. 1	60	min.
Flow No. 2	45	min.
Shut-in No. 2	60	min.
Flow No. 3	None Taken	min.
Shut-in No. 3	" "	min.

Recorder Type	Kuster AK-1	
No.	1620	Cap. 4000 psi
Depth	3378 feet	
	Inside x	Outside

Initial Hydrostatic	A	1819
Final Hydrostatic	K	1780
Initial Flow	B	81
Final Initial Flow	C	73
Initial Shut-in	D	823
Second Initial Flow	E	104
Second Final Flow	F	95
Second Shut-in	G	756
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	



Pipe Recovery: 129' Total fluid
67' 35% mud, 65% oil
62' 90% mud, 10% oil

Surface blow:
1st flow: Tool opened with a 3" blow and remained through flow period.
2nd flow: Tool opened with a very weak blow and remained through flow period.

Operator: [blank]
 Ticket No.: 02063
 Date: 5/8/83
 Well Name & No.: [blank]
 Location: SE/NE/SE S-3 T-19S R-13W
 County, State: Barton County, Kansas
 Interval: [blank]
 Formation: Arbuckle
 3354' - 3383'

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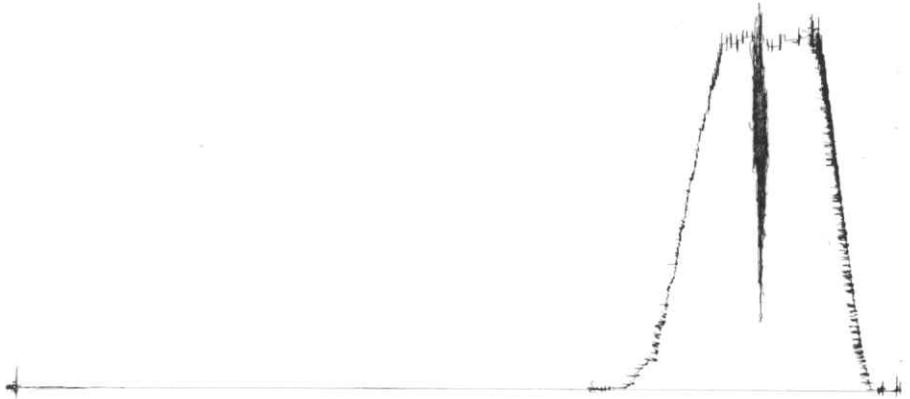
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Contractor	Big Kat Drilling	Surface Choke	1"	Mud Type	Starch
Rig No.	--	Bottom Choke	7/8"	Weight	9.8
Spot	SE/NE/SE	Hole Size	7 7/8"	Viscosity	42
Sec.	3	Core Hole Size	--	Water Loss	15.6
Twp.	19 S	DP Size & Wt.	4 1/2" FH	Filter Cake	4/32
Rng.	13 W	Wt. Pipe	4 1/2" XH	Resistivity	-- @ -- of
Field	--	I.D. of DC	--		62,000 Ppm. NaCl
County	Barton	Length of DC	--	B.H.T.	-- of
State	Kansas	Total Depth	3387'	Co. Rep.	Todd Morgenstern
Elevation	1855' KB	Type Test	Conventional	Tester	Kenny McGuirk
Formation	Arbuckle	Interval	3375'- 3387'		

	REPORTED	CORRECTED
Opened Tool @	10:30	hrs.
Flow No. 1		min.
Shut-in No. 1		min.
Flow No. 2		min.
Shut-in No. 2		min.
Flow No. 3		min.
Shut-in No. 3		min.

Recorder Type	Kuster AK-1	
No.	1620	Cap. 4000 psi
Depth	3386 feet	
	Inside X	Outside

Initial Hydrostatic	A
Final Hydrostatic	K
Initial Flow	B
Final Initial Flow	C
Initial Shut-in	D
Second Initial Flow	E
Second Final Flow	F
Second Shut-in	G
Third Initial Flow	H
Third Final Flow	I
Third Shut-in	J



Pipe Recovery: 350' Drilling mud

Remarks: Slid tool 7' to bottom; packer seats failed immediately. No data was obtained.

"MISRUN"

Operator: USER-SCHULTZ OLL & VAS, INC.
 Ticket No. 02064
 Date 5/9/83
 Well Name & No. VERTON MILLER #1
 Location SE/NE/SE S-3 T-19S R-13W
 County, State Barton County, Kansas
 USI No. 4
 Interval 3375' - 3387'
 Formation Arbuckle

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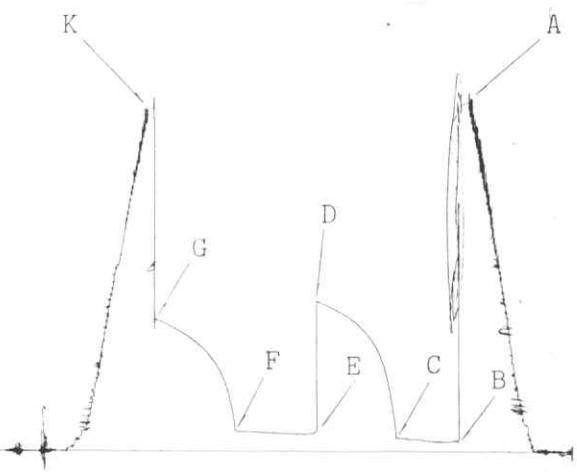
Contractor <u>Big Kat Drilling</u>	Surface Choke <u>1"</u>	Mud Type <u>Starch</u>
Rig No. <u>--</u>	Bottom Choke <u>7/8"</u>	Weight <u>9.8</u>
Spot <u>SE/NE/SE</u>	Hole Size <u>7 7/8"</u>	Viscosity <u>42</u>
Sec. <u>3</u>	Core Hole Size <u>--</u>	Water Loss <u>15.6</u>
Twp. <u>19 S</u>	DP Size & Wt. <u>4 1/2" FH</u>	Filter Cake <u>4/32</u>
Rng. <u>13 W</u>	Wt. Pipe <u>4 1/2" XH</u>	Resistivity <u>--</u> @ <u>--</u> of
Field <u>--</u>	I.D. of DC <u>--</u>	<u>62,000</u> Ppm. NaCl
County <u>Barton</u>	Length of DC <u>--</u>	B.H.T. <u>109</u> of
State <u>Kansas</u>	Total Depth <u>3387'</u>	Co. Rep. <u>Todd Morgenstern</u>
Elevation <u>1855' KB</u>	Type Test <u>Conventional</u>	Tester <u>John Riedl</u>
Formation <u>Arbuckle</u>	Interval <u>3344'- 3387'</u>	

Operator: ISERTI-SCHULZ VLL & GAS, LLC.
 Ticket No. 02065
 Date 5/10/83
 Location SE/NE/SE S-3 T-19S R-13W
 County, State Barton County, Kansas
 Vertical Miller # 1
 Interval 3344' - 3387'
 Formation Arbuckle

	REPORTED	CORRECTED
Opened Tool @	<u>23:40</u>	hrs.
Flow No. 1	<u>45</u>	min.
Shut-in No. 1	<u>60</u>	min.
Flow No. 2	<u>60</u>	min.
Shut-in No. 2	<u>60</u>	min.
Flow No. 3	<u>None Taken</u>	min.
Shut-in No. 3	<u>" "</u>	min.

Recorder Type Kuster AK-1
 No. 1620 Cap. 4000 psi
 Depth 3333 feet
 Inside x Outside

Initial Hydrostatic	A	<u>1749</u>
Final Hydrostatic	K	<u>1721</u>
Initial Flow	B	<u>55</u>
Final Initial Flow	C	<u>69</u>
Initial Shut-in	D	<u>758</u>
Second Initial Flow	E	<u>97</u>
Second Final Flow	F	<u>104</u>
Second Shut-in	G	<u>668</u>
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	



Pipe Recovery: 200' Total fluid
140' 20% water, 30% mud, 50% oil
60' 25% water, 50% mud, 25% oil

Bottom sample R W: 0.16 @ 70° F = 44,000 ppm. NaCl.

Surface blow:
 1st flow: Tool opened with a 3.5" blow and remained through flow period.

2nd flow: Tool opened with a .5" blow and remained through flow period.