PRINTZ TESTING COMPANY

P.O. BOX 596 McCOOK, NEBRASKA 69001 308-345-1862

20-11-24W

State Geological Survey
WICHITA BRANCH

CONFIDENTIAL

DRILL-STEM TEST DATA

Company Oxford Exploration
Well Name & Number Amanda 20-5-1
Company Address 1550 Denver Club Bldg, Denver, Co
Comp. Rep. Jim Reeves
Contractor Warrior Drlg Rig #1
Location: Sec. 20 Twp. 11 Rge. 24W Co. Trego State KS

Test No.
Zone Tested E LKC
Date 11-21-83
Tester Steve Printz
Elevation 2405 KB
Est. Feet of Pay -

Recorder No.	5497	Recorder No.	31615
Type	Kuster	Type	Kuster
Range	3850 PSI	Range	4575 PSI
Recorder Depth	3906	Recorder Depth	3910
(A) Initial Hydrostatic Mud	2156 PSI	Tool Open Before I.S.I.	15 Mins.
(B) First Initial Flow Pressure	69 PSI	Initial Shut-in	30 Mins.
(C) First Final Flow Pressure	57 PSI	Flow Period	30 Mins.
(D) Initial Closed-in Pressure	891 PSI	Final Shut-in	60 Mins.
(E) Second Initial Flow Pressure	69 PSI	Surface Choke Size	1"
(F) Second Final Flow Pressure	57 PSI	Bottom Choke Size	3/4"
(G) Final Closed-in Pressure	1006 PSI	Main Hole Size	7 7/8"
(H) Final Hydrostatic Mud	2156 PSI	Rubber Size	6 3/4"
Temperature	117	Tool Open at	5:05 A.M.
Mud Weight	9.9	Viscosity	45
Fluid Loss	8.	Blow	First Flow Weak, ½" Blow F.F. - No Blow
Interval Tested	3868-3914	Remarks	
Anchor Length	46'		
Top Packer Depth	3863		
Bottom Packer Depth	3868		
Total Depth	3914	Drill Collar I.D.	- Drill Collar Length -
Drill Pipe Size	4½ XH		
Wt. Pipe I.D.	-	Ft. Run	-
Recovery—Total Feet	5		
Recovered	5 Feet Of	Mud	
Recovered	Feet Of		
Recovered	Feet Of		
Recovered	Feet Of		

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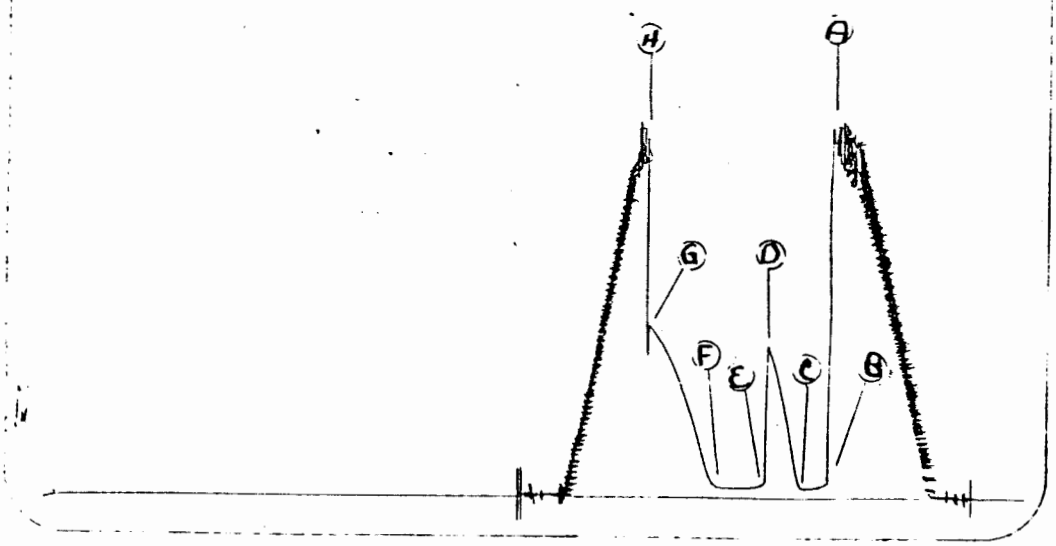
Extra Equipment Price of Job

Amanda # 20-5-1 20-11-24W

State Geological Survey
WICHITA BRANCH

13615

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This is an actual photograph of recorder chart.

POINT	PRESSURE Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2156	2156.6	PSI
(B) First Initial Flow Pressure	69	69.4	PSI
(C) First Final Flow Pressure	57	57.8	PSI
(D) Initial Closed-in Pressure	891	895.8	PSI
(E) Second Initial Flow Pressure	69	69.4	PSI
(F) Second Final Flow Pressure	57	57.8	PSI
(G) Final Closed-in Pressure	1006	1011.4	PSI
(H) Final Hydrostatic Mud	2156	2156.6	PSI

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Oxford Exploration — State Geological Survey WICHITA BRANCH — TEST # 1 · RECORDER # 13615

20-11-24W

WELL NAME & NO. Amanda 20-5-1 — ZONE TESTED E LKC

LOC: SEC 20 TWP 11N RGE 24 WCO Trego — TICKET NO 596 — DEPTH 3910

INITIAL FLOW 3 INCR OF 5 MINS PLUS ___ INCR OF ___ MINS		INITIAL CLOSED-IN 6 INCR OF 5 MINS PLUS ___ INCR OF ___ MINS		FINAL FLOW 6 INCR OF 5 MINS PLUS ___ INCR OF ___ MINS		FINAL CLOSED-IN 12 INCR OF 5 MINS PLUS ___ INCR OF ___ MINS
0	69.4	0	57.8	0	69.4	0	57.8
5	69.4	5	62.5	5	69.4	5	60.1
10	64.8	10	185.1	10	64.8	10	81.0
	57.8	15	437.5	15	60.1	15	152.7
		20	625.0	20	57.8	20	248.7
IHP	2156.6	25	789.3	25	57.8	25	428.3
IHP	2156.6	30	895.8	30	57.8	30	543.9
						35	659.7
						40	756.9
						45	842.5
						50	914.3
						55	972.2
						60	1011.4

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