



00278551

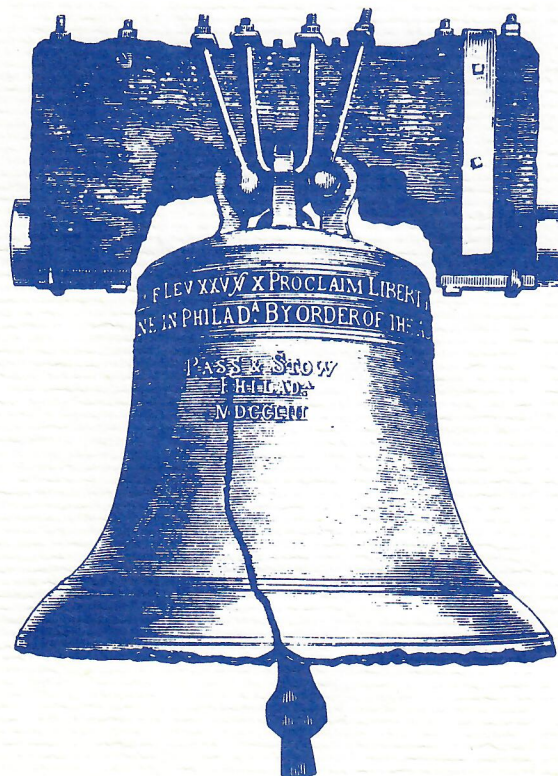
LIBERTY TESTERS

DVR	✓
FJP	
HHM	✓
JAM	
JJD	✓
RLS	
CGM	

DRILL STEM TEST

REPORT

RECEIVED
JUL 10 1980
COLO. OIL & GAS CONS. COMM.



LIBERTY TESTERS
Box 1464
Sterling, Colo. 80751
Phone 303-522-7025

LADD & LUKOWICZ INC.---CLIFF 2---DST #1---TICKET # 736

TOP CHART IN FLOW STREAM-----GAUGE # 11034

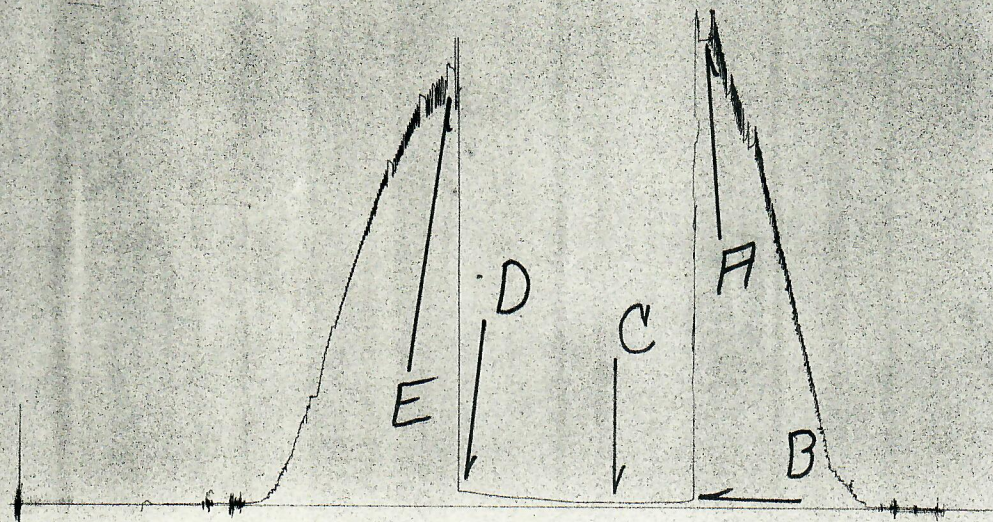
A---I HYDRO---3155 psi

D---FSIP----- 98 psi

B---I FLOW----- 54 "

E---F HYDRO-2976 "

C---F FLOW----- 39 "



THESE ARE REPRODUCTIONS FROM DST CHARTS

LADD & LUKOWICZ INC.---CLIFF # 2---DST # 1---TICKET# 736

BOTTOM CHART BLANKED OFF IN FLOW STREAM---GAUGE # 11029

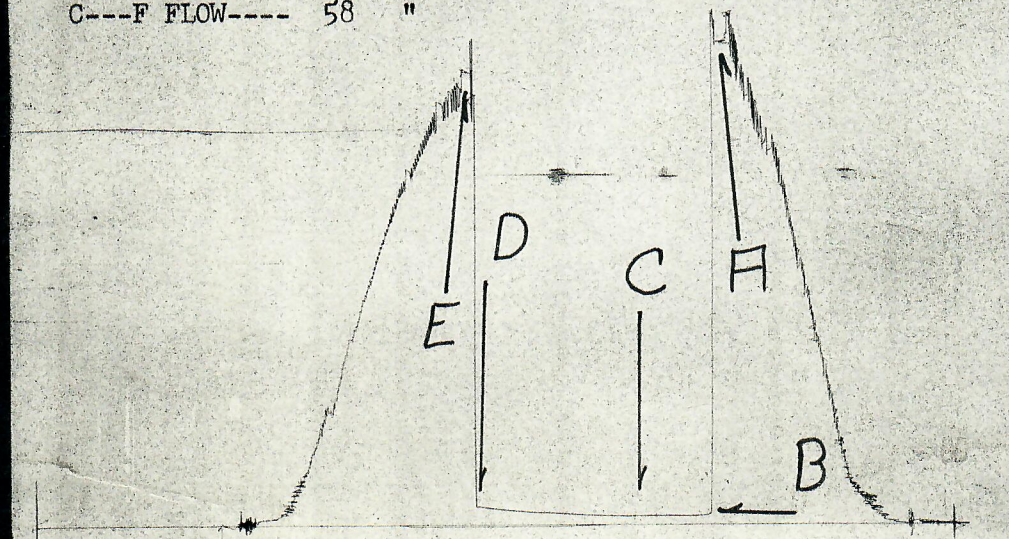
A---I HYDRO---3189 psi

D---FSIP----- 119 psi

B---I FLOW----- 76 "

E---F HYDRO--3005 "

C---F FLOW----- 58 "



Date	7-5-80	Ticket Number	736
Kind of Job	OPEN HOLE DST		
Tester	D. SUTER	Witness	MR. BERGREN
Drilling Contractor	TOLTEK DRILLING		

EQUIPMENT & HOLE DATA			
Formation Tested	J SAND		
Elevation	4718	Ft.	
Net Productive Interval	?	Ft.	
All Depths Measured From	KB		
Total Depth	5707	Ft.	
Main Hole/Casing Size	7 7/8		
Drill Collar Length	490	I.D.	2.25
Drill Pipe Length	5161	I.D.	3.826
Packer Depth(s)	5684- 5691	Ft.	
Depth Tester Valve	5669	Ft.	

FLUID SAMPLE DATA			
Sampler Pressure	0	P.S.I.G. at Surface	
Recovery: Cu. Ft. Gas	0		
cc. Oil	0		
cc. Water	0		
cc. Mud	2200		
Tot. Liquid cc.	2200		
Gravity		° API @	° F.
Gas/Oil Ratio		cu. ft./bbl.	
		RESISTIVITY	CHLORIDE CONTENT
Recovery Water		@	° F. ppm
Recovery Mud		@	° F. ppm
Recovery Mud Filtrate	3.11@ 67	° F.	1850 ppm
Mud Pit Sample		@	° F. ppm
Mud Pit Sample Filtrate	3.11@ 67	° F.	1850 ppm
Mud Weight	9.8	vis	58 cp

TYPE	AMOUNT	Depth Back	Surface	Bottom
Cushion	NONE	Ft. Pres. Valve	Choke	Choke
		NONE	3/8	3/4
Recovered	5 Feet of	DRILLING MUD		
Recovered	Feet of			
Recovered	Feet of			
Recovered	Feet of			
Recovered	Feet of			

Remarks	OPEN FOR A 60 MIN FINAL SLOW. STARTED WITH A VERY WEAK BLOW. DECREASED TO NO BLOW IN 15 MIN. CLOSED FOR A 120 MIN FINAL FLOW
---------	---

TEMPERATURE	Gauge No.	Gauge No.	Gauge No.	TIME
	Depth: Ft.	Depth: Ft.	Depth: Ft.	
	11034	5672	11029	
Est. °F.	Hour Clock	Hour Clock	Hour Clock	Tool
	Blanked Off	Blanked Off NO	Blanked Off YES	Opened 7:45 P.M.
Actual 156 °F.	Pressures	Pressures	Pressures	Opened Bypass 10:45 P.M.
	Field	Office	Field	Office
Initial Hydrostatic			3155	2972
First Period Flow Initial			54	50
First Period Flow Final			39	50
First Period Flow Closed in			98	114
Second Period Flow Initial				
Second Period Flow Final				
Second Period Flow Closed in				
Final Hydrostatic			2976	2984
				3005

PRODUCTION TEST DATA

CLIFF
2
5691 - 5707
LADD & LUKOWICZ INC.
Legal Location C W 1/2 NW 1/4 12n R 56w
Sec. 26
Lease Name
Well No.
Test No.
Tested Interval
County
LOGAN
State
COLO.