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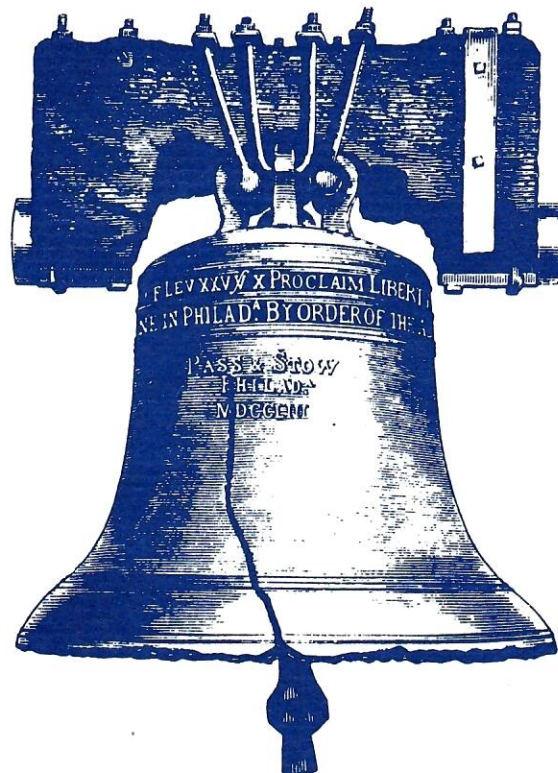
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COLO. OIL & GAS CONS. COMM.

LIBERTY TESTERS INC.

DRILL STEM TEST REPORT



WRS	
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MHW	
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STERLING, COLORADO

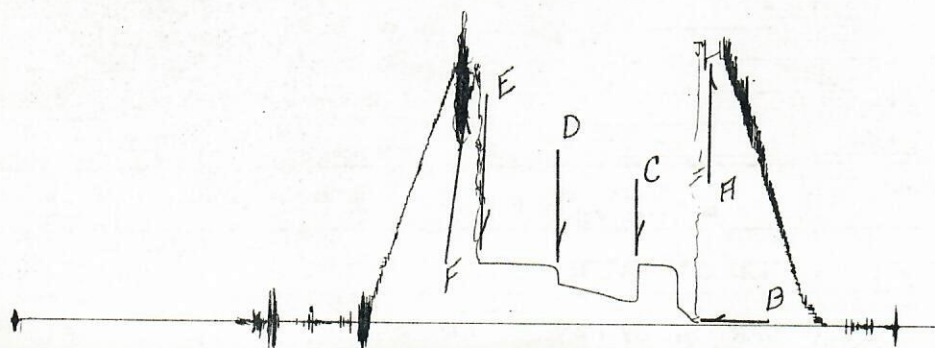
303-522-7025

J. W. NYLUND ETAL---LENTZ #1---DST #1---TICKET # 1636

TOP CHART IN FLOW STREAM-----GAUGE # 10228

A---I HYDRO---2533 psi
B---I FLOW---- 27 "
C---ISIP----- 589 "

D---F FLOW--- 399 psi
E---FSIP----- 589 "
F---F HYDRO--2475 "



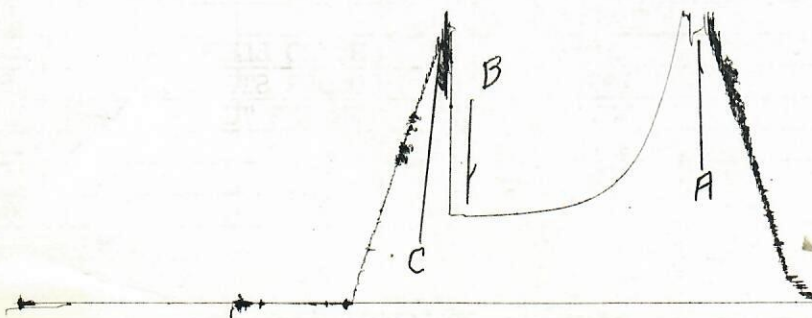
← TIME ←

THESE ARE ACTUAL PHOTOGRAPHS FROM DST CHARTS

J. W. NYLUND ETAL---LENTZ #1---DST # 1---TICKET # 1636

CHART BLANKED OFF UNDER STRADDLE PACKER---GAUGE # 10229

A---I HYDRO---2548 psi
B---HYDRO BLEED OFF UNDER STRADDLE PACKER TO---814 psi
C---F HYDRO---2480 psi



↑ PRESSURE ↑

Date 1-6-85		Ticket Number 1636		FLUID SAMPLE DATA			
Kind of Job STRADDLE DST				Sampler Pressure 0 P.S.I.G. at Surface Recovery: Cu. Ft. Gas _____ cc. Oil _____ cc. Water 2000 cc. Mud _____ Tot. Liquid cc. 2000			
Tester T. ALCARAZ		Witness MR. NYLUND		Gravity _____ ° API @ _____ °F.			
Drilling Contractor J. W. GIBSON DRILLING CO.				Gas/Oil Ratio _____ cu. ft./bbl.			
EQUIPMENT & HOLE DATA				RESISTIVITY			
Formation Tested J 2 SAND				CHLORIDE CONTENT			
Elevation 4795 Ft.				Recovery Water 3.70 @ 60 °F. 1900 ppm			
Net Productive Interval 4 Ft.				Recovery Mud _____ @ _____ °F. _____ ppm			
All Depths Measured From KB				Recovery Mud Filtrate _____ @ _____ °F. _____ ppm			
Total Depth 5172 Ft.				Mud Pit Sample _____ @ _____ °F. _____ ppm			
Main Hole/Casing/Size 7 7/8"				Mud Pit Sample Filtrate 1.80 @ 50 °F. 4400 ppm			
Drill Collar Length 371' I.D. 2.25"				Mud Weight 9.8 vis 75 cp			
Drill Pipe Length 4668' I.D. 3.826"							
Packer Depth(s) 5074-5083-5091 Ft.							
Depth Tester Valve 5059 Ft.							
Cushion TYPE NONE AMOUNT NONE		Depth Back Pres. Valve NONE		Surface Choke 3/8"		Bottom Choke 3/4"	
Recovered	120 Feet of	MUD CUT WATER		R.W. 4.52 @ 66⁰		1100 PPM	
Recovered	811 Feet of	VERY SLTLY GAS CUT WATER		R.W. 3.58 @ 76⁰		1600 PPM	
Recovered	Feet of			R.W. 3.94 @ 65⁰		1500 PPM	
Recovered	Feet of			R.W. 3.63 @ 63⁰		1800 PPM	
Remarks: OPEN FOR A 15 MIN INITIAL FLOW, WITH A VERY WEAK BLOW, INCREASING TO A 9"							
WATER BLOW AT END OF FLOW PERIOD. CLOSED FOR 30 MIN. OPEN FOR A 60 MIN FINAL FLOW							
WITH A VERY WEAK BLOW, INCREASING TO BOTTOM OF BUCKET IN 17 MIN, WITH 6 OZ. THEN TO							
7 OZ AT END OF FLOW PERIOD. CLOSED FOR A 60 MIN FINAL SHUT IN.							
TEMPERATURE		Gauge No. 10228		Gauge No. 10229		TIME	
Depth: _____ Ft.		Depth: 5064 Ft.		Depth: 5102 Ft.			
Hour Clock		12 Hour Clock		12 Hour Clock		Tool XXX	
Blanked Off		Blanked Off NO		Blanked Off YES		Opened 10:30 P.M.	
Actual 140 °F.		Pressures		Pressures		Opened A.M.	
		Field Office		Field Office		Bypass 1:15 P.M.	
Initial Hydrostatic		2548 2533		2548		Reported Minutes	
First Period Flow	Initial	20 27		HYDRO BLEED OFF		Minutes	
	Final	193 181		UNDER STRADDLE		15	
	Closed in	587 589		PACKER TO --- 814		30	
Second Period Flow	Initial	231 231				Minutes	
	Final	382 399				60	
	Closed in	587 589				60	
Final Hydrostatic		2385 2475		2489			

PRODUCTION TEST DATA

Legal Location **SEC 14 T 35 R 56W**
 Lease Name **LENTZ**
 Well No. **1**
 Test No. **1**
 Field Area **WILD CAT**
 County **WASHINGTON**
 State **CO.**
 Tested Interval **5083" - 5091"**
 Lease Owner/Company Name **J.W. NYLUND et al**

LIBERTY TESTERS INC.
BOX 1454
STERLING, CO. 80751
(303) 522-7025

DATE 01/06/85

J. W. NYLUND et al
LENTZ # 1---DST #1---TICKET #1636
WASHINGTON COUNTY, COLO.

INTERVAL: 5083' - 5091'
RECORDER# 10228 @ 5064'

INCREMENTAL READING DATA

INITIAL FLOW (15 min.)	PRESSURE (Psi)	FINAL FLOW (60 min.)	PRESSURE (Psi)
0	27	0	231
15	181	60	399

INITIAL SHUT IN (30 min.) 2 min Intervals	PRESSURE (Psi)	FINAL SHUT-IN (60 min.) 4 min Intervals	PRESSURE (Psi)
0	181	0	399
2	539	4	560
4	564	8	573
6	572	12	578
8	579	16	580
10	582	20	580
12	584	24	581
14	585	28	583
16	585	32	584
18	585	36	585
20	586	40	586
22	587	44	587
24	588	48	588
26	589	52	588
28	589	56	589
30	589	60	589