

RECEIVE

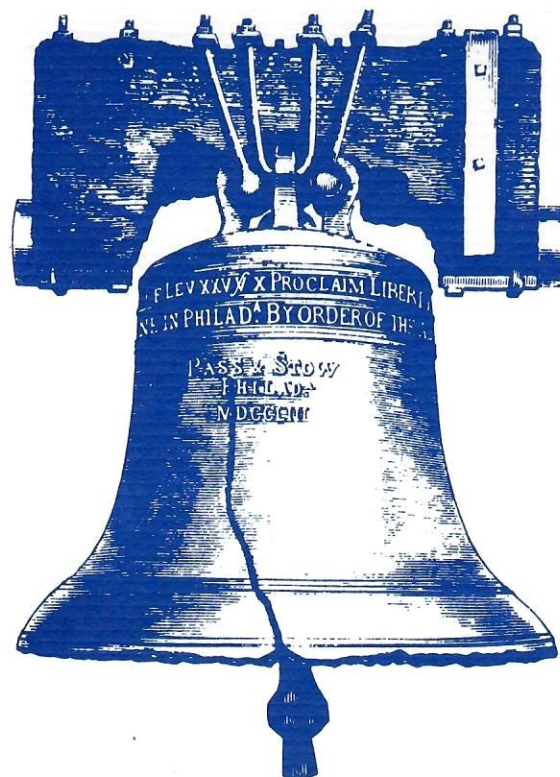
JUL 8 198

COLO. OIL & GAS CON



LIBERTY TESTERS INC.

DRILL STEM TEST REPORT



WBS	
FOP	
HMM	
JAM	
PCC	
LAR	<input checked="" type="checkbox"/>
CGM	
ED	

STERLING, COLORADO

303-522-7025



J. W. NYLUND ET AL---JOLLY #1-A---DST # 1---TICKET # 1729

BOTTOM CHART BLANKED OFF IN FLOW STREAM---GAUGE # 13375

A---I HYDRO---2436 psi

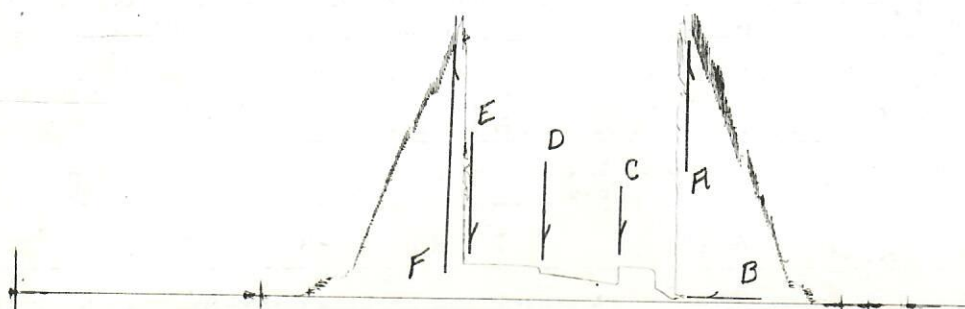
B---I FLOW--- 24 "

C---ISIP----- 315 "

D---F FLOW----- 240 psi

E---FSIP----- 315 "

F---F HYDRO---2400 "



← TIME →

↑ PRESSURE ↓

THESE ARE ACTUAL PHOTOGRAPHS FROM DST CHARTS

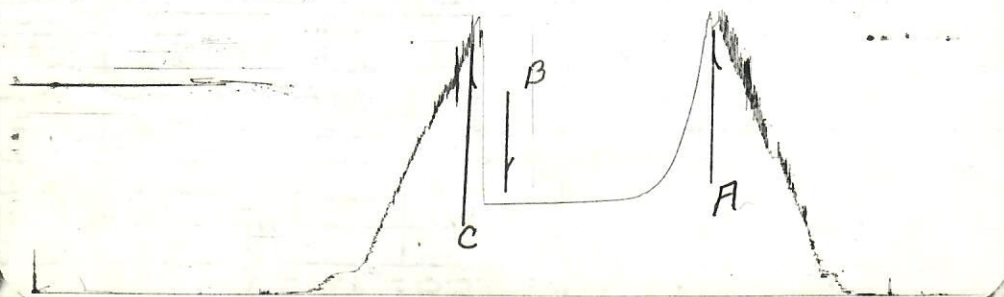
J. W. NYLUND ET AL---JOLLY # 1-A---DST # 1---TICKET # 1729

CHART BLANKED OFF UNDER STRADDLE PACKER---GAUGE # 6850

A---I HYDRO---2447 psi

B---HYDRO BLEED OFF UNDER STRADDLE PACKER TO---858 psi

C---F HYDRO---2412 psi



Date 7-3-85		Ticket Number 1729		FLUID SAMPLE DATA																		
Kind of Job STRADDLE DST				Sampler Pressure 25 P.S.I.G. at Surface Recovery: Cu. Ft. Gas 0 cc. Oil 0 cc. Water 1850 cc. Mud 0 Tot. Liquid cc. 1850																		
Tester DERERELL SUTER Witness MR. NYLUND																						
Drilling Contractor GIBSON DRILING CO. # 75																						
EQUIPMENT & HOLE DATA																						
Formation Tested J 2 SAND				Gravity _____ ° API @ _____ °F.																		
Elevation 4703 Ft.				Gas/Oil Ratio _____ cu. ft./bbl.																		
Net Productive Interval 6 Ft.				RESISTIVITY CHLORIDE CONTENT																		
All Depths Measured From KB				Recovery Water 2.04 @ 90 °F. _____ ppm																		
Total Depth 4975 Ft.				Recovery Mud _____ @ _____ °F. _____ ppm																		
Main Hole/Casing Size 7 7/8"				Recovery Mud Filtrate _____ @ _____ °F. _____ ppm																		
Drill Collar Length 341' I.D. 2.250"				Mud Pit Sample 1.49 @ 93 °F. 3000 ppm																		
Drill Pipe Length 4563' I.D. 3.826"				Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm																		
Packer Depth(s) 4912'-----4922'-----4928' Ft.				Mud Weight 9.7 vis 75 cp																		
Depth Tester Valve 4898' Ft.																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">Cushion</td> <td style="width:10%;">TYPE</td> <td style="width:10%;">AMOUNT</td> <td style="width:10%;">NONE</td> <td style="width:10%;">Ft.</td> <td style="width:10%;">Depth Back Pres. Valve</td> <td style="width:10%;">NONE</td> <td style="width:10%;">Surface Choke</td> <td style="width:10%;">3/8"</td> <td style="width:10%;">Bottom Choke</td> <td style="width:10%;">3/4"</td> </tr> </table>												Cushion	TYPE	AMOUNT	NONE	Ft.	Depth Back Pres. Valve	NONE	Surface Choke	3/8"	Bottom Choke	3/4"
Cushion	TYPE	AMOUNT	NONE	Ft.	Depth Back Pres. Valve	NONE	Surface Choke	3/8"	Bottom Choke	3/4"												
Recovered	527	Feet of	WATER		TOP	RW	1.93 @ 90°		2500	ppm												
Recovered		Feet of			MIDDLE	RW	1.94 @ 90°		2400	ppm												
Recovered		Feet of			BOTTOM	RW	2.04 @ 90°		2200	ppm												
Recovered		Feet of																				
Remarks: OPEN TOOL FOR A 15 MIN. INITIAL FLOW WITH A WEAK BLOW INCREASED TO A 6 INCH UNDER WATER BLOW.===CLOSED FOR A 30 MIN. SHUT IN.===OPEN FOR A 60 MIN. FINAL FLOW WITH A VERY WEAK BLOW INCREASED TO A 4 INCH WATER BLOW IN 15 MIN., TO A 6 INCH BLOW IN 40 MIN., TO An 8½ INCH WATER BLOW IN 60 MIN.,===CLOSED TOOL FOR A 60 MIN. FINAL SHUT IN.																						
TEMPERATURE		Gauge No.		Gauge No. 13375		Gauge No. 6850		TIME														
Depth:		Ft.		Depth: 4915 Ft.		Depth: 4941 Ft.																
Est. °F.		Hour Clock		12		Hour Clock		12		Tool 7:30 x x x x P.M.												
Blanked Off		Blanked Off		NO		Blanked Off		YES		Opened P.M.												
Actual 141°F.		Pressures		Pressures		Pressures		Opened 10:15 x x x x P.M.														
		Field Office		Field Office		Field Office		Bypass P.M.														
Initial Hydrostatic				2450 2436		2447		Reported Minutes														
First Period	Flow Initial			35 24		HYDRO BLEED OFF		Minutes														
	Flow Final			123 123		UNDER STRADDLE		15														
	Closed in			318 315		PACKER TO-- 858		30														
Second Period	Flow Initial			159 153				60														
	Flow Final			212 240				60														
	Closed in			318 315				60														
Final Hydrostatic				2400 2400		2412																

PRODUCTION TEST DATA

Legal Location **Sec. 17 - Twp. - Rng.**
 Lease Name **JOLLY**
 Well No. **1-A**
 Test No. **1**
 Tested Interval **4922'-----4928'**
 County **WASHINGTON**
 State **COLO.**
 Lease Owner/Company Name **J. W. NYLUND et al**

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

DATE 07/03/85

J. W. NYLUND et al.
JOLLY # 1-A---DST # 1---TICKET # 1729
WASHINGTON CIUNTY, COLO.

INTERVAL: 4922' - 4928'
RECORDER# 13375 @ 4915'

INCREMENTAL READING DATA

INITIAL FLOW (15 min.)	PRESSURE (psi)	FINAL FLOW (60 min.)	PRESSURE (psi)
0	24	0	153
15	123	60	240

INITIAL SHUT IN (30 min.) 2 min Intervals	PRESSURE (psi)	FINAL SHUT-IN (60 min.) 4 min Intervals	PRESSURE (psi)
0	123	0	240
2	286	4	299
4	298	8	303
6	302	12	305
8	304	16	307
10	306	20	309
12	308	24	311
14	309	28	312
16	310	32	313
18	311	36	314
20	312	40	314
22	312	44	314
24	313	48	315
26	314	52	315
28	315	56	315
30	315	60	315