

TIGHT HOLE



02359456

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MAR 18 1980

COLO. OFFICE OF CON. COMM.

# LIBERTY TESTERS

## DRILL STEM TEST

### REPORT

DAER	
POP	
HEAD	✓
JAW	
LID	✓
PLS	
CON	



CONFIDENTIAL

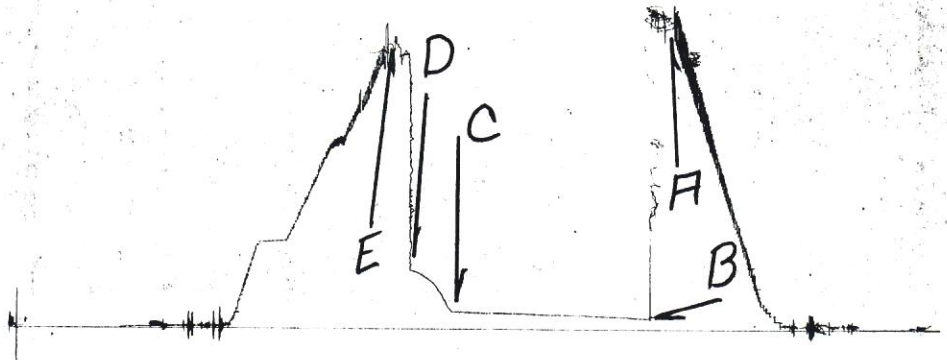
LIBERTY TESTERS  
Box 1454  
Sterling, Colo. 80751  
Phone 303-522-7025

11-8N-540

A---I HYDRO---	2800	psi	D---FSIP-----	525	psi
B---I FLOW----	72	"	E---F HYDRO--	2663	"
C---F FLOW----	127	"			

QUEST OIL CO----DALKE # 1---DST # 1---TICKET # 479

BOTTOM CHART BLANKED OFF IN FLOW STREAM---GAUGE # 6850

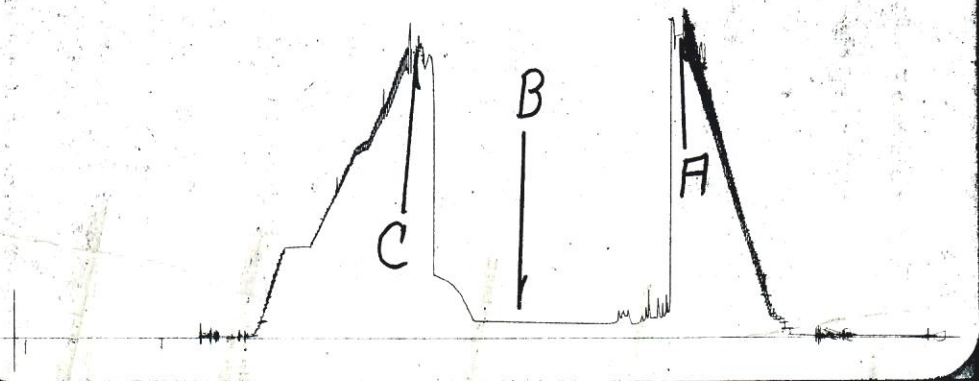


THESE ARE REPRODUCTIONS FROM DST CHARTS

A---I HYDRO---	2805	psi
B---PACKER SEAT FAILURE		
C---F HYDRO---	2668	psi

QUEST OIL CO----DALKE # 1---DST # 1---TICKET # 479

CHART BLANKED OFF UNDER STRADDLE PACKER---GAUGE # 6852



PRESSURE

TIME

Date **9-6-79** Ticket Number **479**  
 Kind of Job **STRADDLE DST**  
 Tester **D. SUTER** Witness **MR. AXELSON**  
 Drilling Contractor **TOLTEK DRILLING CO.**

**FLUID SAMPLE DATA**  
 Sampler Pressure **0** P.S.I.G. at Surface  
 Recovery: Cu. Ft. Gas **0**  
 cc. Oil **trace**  
 cc. Water **0**  
 cc. Mud **1900**  
 Tot. Liquid cc. **1900**  
 Gravity \_\_\_\_\_ ° API @ \_\_\_\_\_ °F.  
 Gas/Oil Ratio \_\_\_\_\_ cu. ft./bbl.  
 RESISTIVITY CHLORIDE CONTENT  
 Recovery Water \_\_\_\_\_ @ \_\_\_\_\_ °F. \_\_\_\_\_ ppm  
 Recovery Mud \_\_\_\_\_ @ \_\_\_\_\_ °F. \_\_\_\_\_ ppm  
 Recovery Mud Filtrate \_\_\_\_\_ @ \_\_\_\_\_ °F. \_\_\_\_\_ ppm  
 Mud Pit Sample \_\_\_\_\_ @ \_\_\_\_\_ °F. \_\_\_\_\_ ppm  
 Mud Pit Sample Filtrate **1.91 @ 65 °F. 3650** ppm  
 Mud Weight **10** vis **90** cp

**EQUIPMENT & HOLE DATA**  
 Formation Tested **J SAND**  
 Elevation **4290** Ft.  
 Net Productive Interval **6** Ft.  
 All Depths Measured From **KB**  
 Total Depth **5240** Ft.  
 Main Hole/Casing/Size **7 7/8**  
 Drill Collar Length **366** I.D. **2.25**  
 Drill Pipe Length **4745** I.D. **3.826**  
 Packer Depth(s) **5152-5162-5168** Ft.  
 Depth Tester Valve **5137** Ft.

TYPE **NONE** AMOUNT **NONE** Depth Back Pres. Valve **NONE** Surface Choke **3/8** Bottom Choke **3/4**

Recovered **120** Feet of **DRLG MUD WITH A SCUM OF OIL**  
 Recovered \_\_\_\_\_ Feet of \_\_\_\_\_  
 Recovered \_\_\_\_\_ Feet of \_\_\_\_\_  
 Recovered \_\_\_\_\_ Feet of \_\_\_\_\_  
 Recovered \_\_\_\_\_ Feet of \_\_\_\_\_

Remarks **OPEN FOR A 150 MIN FINAL FLOW, WEAK BLOW, SLOWLY INCREASED TO A 2" WATER BLOW IN 30 MIN. HELD THERE FOR 2 MORE HOURS. CLOSED FOR 30 MIN FINAL SHUT IN.**

TEMPERATURE	Gauge No. 6850		Gauge No. 6852		TIME
	Depth: _____ Ft.	Depth: <b>5175</b> Ft.	Depth: <b>5180</b> Ft.	Depth: _____ Ft.	
Est. _____ °F.	Hour Clock <b>12</b>		Hour Clock <b>12</b>		Tool <del>XXXX</del>
	Blanked Off <b>YES</b>		Blanked Off <b>YES</b>		Opened <b>6:30 P.M.</b>
Actual <b>141</b> °F.	Pressures		Pressures		Opened <del>XXXX</del>
	Field	Office	Field	Office	Bypass <b>9:30 P.M.</b>
Initial Hydrostatic			<b>2824</b>	<b>2800</b>	Reported _____
First Period	Flow Initial		<b>72</b>	<b>72</b>	Minutes _____
	Flow Final		<b>109</b>	<b>127</b>	<b>150</b>
	Closed in		<b>492</b>	<b>525</b>	<b>30</b>
Second Period	Flow Initial				_____
	Flow Final				_____
	Closed in				_____
Final Hydrostatic			<b>2681</b>	<b>2663</b>	_____
				<b>2668</b>	_____

**PRODUCTION TEST DATA**

Legal Location **SNE SW**  
 Sec. - Twp. - Rng. **Sec 11 T 8n R 5W**  
 Well No. **1**  
 Test No. **1**  
 Tested Interval **5162 - 5168**  
 Country **LOGAN**  
 State **COLO.**

**DAIKE**  
 Lease Name  
**QUEST OIL CO. ETAL**  
 Lease Owner/Company Name