



DRILL-STEM TEST DATA

Well Name	Western Minerals YTF 54	Test No.	Six
Well Number	N Hope YTF 54	Zone Tested	
Company	Western Minerals Ltd.	Interval	3812 - 3325
Comp Rep.	Mr. C.D. Gilbreath	Tester	Joe Hugl
		Date	August 12, 1970

Type of Test Single Straddle By-Pass RFS Tool No. 11 Drained at location

Preflow 15 mins. ISI 60 mins. Flow 15 mins. FSI 30 mins

Specify Inside or Outside	INS REC. No. 888	OUT REC. No. 2010	REC. No.
	7900 RANGE 12 HR. CLOCK	8100 RANGE 12 HR. CLOCK	RANGE HR. CLOCK
DEPTH		3818	
Initial Hydro Mud Press		1889	
Initial Shut-In Press	STYLUS DISENGAGED	15	
Initial Flow Press	HIT BRIDGE AT	13	
Final Flow Press	2100 FEET.	13	
Final Shut-In Press		8	
Final Hydro Mud Press			

Mud Drop Nil Fluid Loss _____ Mud Weight 9.6

Viscosity 300 Temperature °F 100 Net Pay Tested _____

Top Packer Depth 3812 Bottom Packer Depth 3825 Total Depth 3843

Drill Pipe Size 4 1/2" FH Wt. 16.6 Drill Collar I.D. 2 3/8" Ft. Run 180

Surface Choke Size Closed Bottom Choke Size 1/2" Main Hole Size 8 3/4"

Anchor Size 4 3/4" OD Rat Hole Size _____ Feet of Rat Hole _____

Cushion Amount _____ Type _____ Rubber Size 8"

Fluid Recovery Total Feet 2'

Recovered 2 Feet of DRILLING MUD

Recovered _____ Feet of _____

Recovered _____ Feet of _____

Recovered _____ Feet of _____

Recovered _____ Feet of _____

Gas Recovery How Measured _____ Riser size: _____

_____ mins.	Temp. °F	Press Rdg. _____ psi	Orifice Size _____	= _____ MCF/Day
_____ mins.	Temp. °F	Press Rdg. _____ psi	Orifice Size _____	= _____ MCF/Day
_____ mins.	Temp. °F	Press Rdg. _____ psi	Orifice Size _____	= _____ MCF/Day
_____ mins.	Temp. °F	Press Rdg. _____ psi	Orifice Size _____	= _____ MCF/Day
_____ mins.	Temp. °F	Press Rdg. _____ psi	Orifice Size _____	= _____ MCF/Day
_____ mins.	Temp. °F	Press Rdg. _____ psi	Orifice Size _____	= _____ MCF/Day

Bleed Off Time for Drill Pipe _____

REMARKS: VERY WEAK AIRBLOW ON PREFLOW. DEAD AFTER 11 MINS. NO BLOW ON INITIAL FLOW.

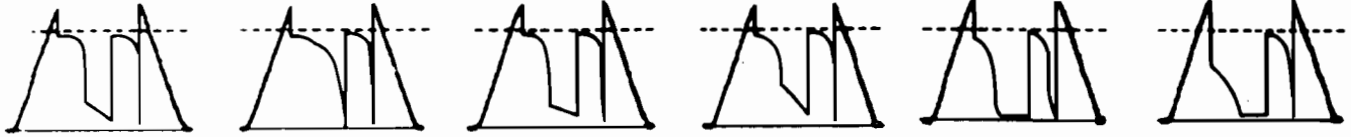


TESTING REPORT



4S LANDING SUB	_____	_____	
4S CHAMBER	_____	_____	
4S TOOL OR P.O. SUB	_____	5.00	
CO SUB	_____	1.00	
SHUT IN TOOL	_____	5.50	
R.F.S. No. <u>11</u>	_____	3.35	
R.F.S. No.	_____	_____	
HYDRAULIC TOOL	_____	7.20	
JARS	_____	6.00	
RECORDER No. <u>888 INS</u>	_____	5.00	DEPTH <u>3800</u>
RECORDER No.	_____	_____	DEPTH _____
SAFETY JOINT	_____	1.75	
BY PASS SUB	_____	1.00	
1. PACKER DEPTH _____	PACKER _____	_____	
2. PACKER DEPTH <u>3812</u>	PACKER _____	5.00	TOTAL TOOL ABOVE INTERVAL <u>40.80</u>
		1.00	
	ANCHOR—SPECIFY _____	_____	
	<u>Perfs</u>	4.00	
	_____	_____	
	BLANK OFF OR BY PASS SUB _____	1.00	
	RECORDER No. <u>2010 OUT</u>	4.00	DEPTH <u>3818</u>
	_____	_____	
3. PACKER DEPTH <u>3825</u>	PACKER _____	3.00	TOTAL INTERVAL <u>13.00</u>
		3.00	
4. PACKER DEPTH _____	PACKER _____	_____	
	ANCHOR—SPECIFY _____	_____	
	_____	_____	
	RECORDER No _____	_____	DEPTH _____
	<u>Perfs</u>	15.00	
	_____	_____	
TOTAL DEPTH <u>3843</u>	BULLNOSE _____	3.00	TOTAL TAIL PIPE <u>21.00</u>
			TOTAL TEST TOOL <u>74.80</u>

DST CHARTS FOR COMPARATIVE VISUAL ANALYSIS



B HIGH PERMEABILITY STRONG DAMAGE EFFECT HIGH PERMEABILITY NO DAMAGE EFFECT MEDIUM PERMEABILITY STRONG DAMAGE EFFECT MEDIUM PERMEABILITY NO DAMAGE EFFECT LOW PERMEABILITY STRONG DAMAGE EFFECT LOW PERMEABILITY NO DAMAGE EFFECT

