

FLUID SAMPLE DATA				Date	5-13-79	Ticket Number	561639
Sampler Pressure	P.S.I.G. at Surface			Kind of Job	OPEN HOLE TEST	Halliburton District	BAKERSFIELD
Recovery: Cu. Ft. Gas				Tester	R. D. LYONS	Witness	D. DAWSON
cc. Oil				Drilling Contractor	TAYLOR DRILLING COMPANY		PW
cc. Water				EQUIPMENT & HOLE DATA			
cc. Mud				Formation Tested			
Tot. Liquid cc.				Elevation	1120'	Ft.	
Gravity	* API @ _____ *F.			Net Productive Interval	12'	Ft.	
Gas/Oil Ratio	cu. ft./bbl.			All Depths Measured From	Kelly Bushing		
	RESISTIVITY _____ CHLORIDE CONTENT _____			Total Depth	2326'	Ft.	
Recovery Water	@ _____ *F. _____ ppm			Main Hole/Casing Size	6 1/4"		
Recovery Mud	@ _____ *F. _____ ppm			Drill Collar Length	150'	I.D. 2 1/4"	
Recovery Mud Filtrate	@ _____ *F. _____ ppm			Drill Pipe Length	2136'	I.D. 2.764"	
Mud Pit Sample	@ _____ *F. _____ ppm			Packer Depth(s)	2309' - 2314'		
Mud Pit Sample Filtrate	@ _____ *F. _____ ppm			Depth Tester Valve	2292'	Ft.	
Mud Weight	75#/Cu.Ft.	vis	50 sec	Depth Tester Valve			
Cushion	TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	16/64"	Bottom Choke	3/4"
Recovered	15	Feet of	drilling mud.				
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks	- SEE PRODUCTION TEST DATA SHEET -						
TEMPERATURE	Gauge No. 488	Gauge No. 279	Gauge No.	TIME			
Calc.	Depth: 2297 Ft.	Depth: 2323 Ft.	Depth:	Hour Clock	Tool		
Est. 100 *F.	Blanked Off No	Blanked Off YES	Blanked Off		Opened 635	A.M.	
Actual *F.	Pressures		Pressures		Pressures		By-pass 840
Initial Hydrostatic	Field	Office	Field	Office	Field	Office	Reported
Initial	1192	1211.4					Minutes
Flow	715	585.5					Computed
Final	758	764.0	CLOCK				Minutes
Closed in	1018	1014.0	STOPPED.....				Minutes
Flow	693	693.7			10		10
Final	931	939.4			30		28
Closed in	996	1008.6					
Flow							
Final							
Closed in							
Final Hydrostatic	1192	1198.4					

Legal Location
Section
T-11
6-N-5-M
Well No. 4
Test No. 1
2314' - 2326'
Tested Interval
County COLUMBIA
State OREGON
REICHHOLD ENERGY CORPORATION
Lease Owner/Company Name

FORM 181-R2-PRINTED IN U.S.A. FORMATION TEST DATA LITTLE 5 102848 5M 3/74

Casing perf.	Bottom choke 3/4"		Surf. temp	60	*F	Ticket No.	561639
Gas gravity	Oil gravity		GOR				
Spec. gravity	Chlorides		ppm	Res.	@	*F	
INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED.							
Date	5-13-79	Choke	42/64"	Surface	500	Gas	
Time	a.m.	Size		Pressure		Rate	
	p.m.			psi		MCF	
							Liquid
							Rate
							BPD
							Remarks
635		42/64"		500			Opened tool. Gas to the surface in 1 minute.
645				500			Closed tool.
715 AM		16/64"					Reopened tool.
725		"		950			Gas - no fluid.
740		"		"			Closed tool.
840							Pulled loose.

FORM 182-R1-PRINTED IN U.S.A. PRODUCTION TEST DATA LITTLE 6 84672 0M 8/74

Gauge No.	Depth 2297'		Clock No. 6028		12 hour		Ticket No. 561639	
	Flow Period	Closed In Pressure	Flow Period	Closed In Pressure	Flow Period	Closed In Pressure	Flow Period	Closed In Pressure
	Time	PSIG	Time	PSIG	Time	PSIG	Time	PSIG
	Temp.	Temp.	Temp.	Temp.	Temp.	Temp.	Temp.	Temp.
	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.
	Log	Log	Log	Log	Log	Log	Log	Log
0	0.000	585.5	0.000	693.7	0.000	939.4		
1	0.0144	737.0	0.0139	942.6*	0.0342	993.5**		
2	0.0288	753.2	0.0277	944.8	0.0615	998.9		
3	0.0432	762.9	0.0416	948.6	0.0889	1001.0		
4	0.0576	764.0	0.0554	941.5	0.1162	1003.2		
5	0.0720	764.0	0.0693	940.4	0.1435	1004.3		
6			0.0832	1008.6	0.1709	1004.3		
7			0.0970	1009.7	0.1982	1005.4		
8			0.1109	1010.8	0.2256	1006.5		
9			0.1247	1011.9	0.2529	1007.5		
10			0.1386	1013.0	0.2802	1007.5		
11			0.1525	1014.0	0.3076	1007.5		
12			0.1663	1014.0	0.3349	1008.6		
13			0.1802	1014.0	0.3623	1008.6		
14			0.1940	1014.0	0.3896	1008.6		
15					0.4170	1008.6		

FORM 183-R1-PRINTED IN U.S.A. SPECIAL PRESSURE DATA LITTLE 6 84672 0M 8/74

TICKET NO. 561639			
	O. D.	I. D.	DEPTH
Drill Pipe or Tubing	5"		1.00'
Reversing Sub			
Water Cushion Valve			
Drill Pipe	3 1/2"	2.764"	2136'
Drill Collars	5"	2 1/4"	150'
Handling Sub & Choke Assembly	5"-3 3/2"		5.40'
Dual CIP Valve			5.75'
Dual CIP Sampler			
Hydro-Spring Tester	3 7/8"		5.10'
Multiple CIP Sampler			
Extension Joint			
AP Running Case	3 7/8"		5.00'
Hydraulic Jar	3 7/8"		5.00'
VR Safety Joint			2.60'
Pressure Equalizing Crossover			
Packer Assembly	5 1/4"		5.10'
Distributor			
Packer Assembly	5 1/4"		2.85'
Flush Joint Anchor	3 3/4"		1.75'
Pressure Equalizing Tube			
Blanked-Off B.T. Running Case			
Drill Collars			
Anchor Pipe Safety Joint			
Packer Assembly			
Distributor			
Packer Assembly			
Anchor Pipe Safety Joint	3 3/4"		5.00'
Side Wall Anchor			
Drill Collars			
Flush Joint Anchor			
Blanked-Off B.T. Running Case	3 3/4"		5.25'
Total Depth			2326'

FORM 187-R1-PRINTED IN U.S.A. EQUIPMENT DATA LITTLE 6 84672 0M 8/74