

FLUID SAMPLE DATA				Date 5-17-81		Ticket Number 186077	
Sampler Pressure _____ P.S.I.G. at Surface Recovery: Cu. Ft. Gas _____ cc. Oil _____ cc. Water _____ cc. Mud _____ Tot. Liquid cc. _____ Gravity _____ ° API @ _____ ° F. Gas/Oil Ratio _____ cu. ft./bbl.				Kind of D.S.T. OPEN HOLE		Halliburton Location HOBBS	
				Tester WALLACE		Witness STEVE EARL	
				Drilling Contractor LOFFLAND # 112		NM	
EQUIPMENT & HOLE DATA							
				Formation Tested Siluru Devonian			
				Elevation 3377' K.B. - 3347' GL Ft.			
				Net Productive Interval 17,279' - 17,420' - 24' Ft.			
				All Depths Measured From Kelly Bushing			
				Total Depth 17,422' Ft.			
				Main Hole/Casing Size 7 3/4"			
				Drill Collar Length 845'		I.D. 2.3125"	
				Drill Pipe Length 16,384'		I.D. 2.764" ??	
				Packer Depth(s) 17,265' - 17,273' - 17,281' Ft.			
				Depth Tester Valve 17,229' Ft.			
Mud Weight 9.3 vis 26 sec.							
Cushion		TYPE WATER	AMOUNT 2000'	Depth Back Pres. Valve	NONE	Surface Choke 1" ADJ.	Bottom Choke .75"
Recovered	248'	Feet of	mud				
Recovered	2000'	Feet of	water				
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks				CHARTS INDICATE TOOL AND PERFORATIONS PLUGGED THROUGHOUT THE TEST. SEE PRODUCTION TEST DATA SHEET FOR THE REMAINDER OF THE REMARKS..			
TEMPERATURE		Gauge No. 7607	Gauge No. 5099	Gauge No.		TIME (00:00-24:00 hrs.)	
		Depth: 17,250' Ft.	Depth: 17,419' Ft.	Depth: Ft.			
		48 Hour Clock	48 Hour Clock	Hour Clock		Tool	
Est. C-270 °F.		Blanked Off NO	Blanked Off YES	Blanked Off		Opened 7:20	
						Opened	
Actual °F.		Pressures		Pressures		Bypass 11:42	
		Field	Office	Field	Office	Field	Office
Initial Hydrostatic		8211	8205.0	8304	8362.4		
First Period Flow	Initial	8085	-	8444	-		
	Final	8022	-	8350	-		
	Closed in	7959	-	8252	-		
Second Period Flow	Initial	809	-	823	-		
	Final	8211	-	8123	-		
	Closed in	8211	-	8057	-		
Third Period Flow	Initial						
	Final						
	Closed in						
Final Hydrostatic		8211	8205.0	8304	8362.4		

T. G. BATES
 Lease Name
 14T - 25S - R 34E
 Well No. 1
 Test No. 4
 Tested Interval 17,281' - 17,422'
 County LEA
 State NEW MEXICO
 FAIRVIEW MILLS
 ENSERCH EXPLORATION, INCORPORATED
 Lease Owner/Company Name

Casing perms. _____ Bottom choke _____ Surf. temp. _____ °F Ticket No. 186077
 Gas gravity _____ Oil gravity _____ GOR _____
 Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F
 INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

Date Time	a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
1800						On location.
1920						Picked up the tools...
2043						Started in the hole.
5-17-81 0720		1/4"				Opened tool - slid 6'.
0725		1/4"				No blow - no pressure.
0730		1/4"				"
0735		1/4"				"
0737						Closed tool.
0741		1/4"				Tool opened - slid 4'.
0743						Closed tool.
0817		1/4"				Opened tool - slid 5'.
0822		1/4"				No blow - no pressure.
0827		1/4"				"
0832		1/4"				"
0837		1/4"				"
0842		1/4"				"
0847		1/4"				"
0852		1/4"				"
0902		1/4"				"
0907		1/4"				"
0912		1/4"				"
0917		1/4"				Closed tool.
0921						Tool opened - slid 4'.
0924						Closed tool.
1142						Bypassed tool - jarred off bottom
1200						Pulled out of the hole..

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Drill Collars				
Reversing Sub	4.75"	2.12"	1'	17,130'
Water Cushion Valve				
Drill Pipe	3 1/2"?	2.764"?	16,384'	
Drill Collars	4.75"	2.312"	845'	
Handling Sub & Choke Assembly				
Dual CIP Valve				
Dual CIP Sampler X-OVER	4.25"	2.25"	1'	
Hydro-Spring Tester	5.00"	.75"	5'	17,229'
Multiple CIP Sampler	5"	.75"	4'	
Extension Joint	5"	.87"	15'	
AP Running Case	5"	3.25"	4'	17,250'
Hydraulic Jar	5"	1.75"	5'	
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	5"	1.53"	6'	17,265'
Distributor	5"	1.68"	2'	
Packer Assembly	5"	1.53"	6'	17,273'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor	5"	1.68"	2'	
Packer Assembly	5"	1.53"	6'	17,281'
Anchor Pipe Safety Joint	5.75"	1.50"	4'	
Side Wall Anchor				
X-OVER	4.125"	2.00"	1'	
Drill Collars	4.75"	2.312"	94'	
X-OVER	4.00"	2.125"	1'	
Flush Joint Anchor	4.75"	2.25"	35'	
Blanked-Off B.T. Running Case	4.75"	3.00"	4'	17,419'
Total Depth				17,422'