

FLUID SAMPLE DATA				Date 10-13-78		Ticket Number 185159	
Sampler Pressure 90 P.S.I.G. at Surface				Kind of Job OPEN HOLE		Halliburton District HOBBS	
Recovery: Cu. Ft. Gas				Tester MR. BYRD		Witness MR. HUNT	
cc. Oil 1500				Drilling Contractor RIAL DRILLING COMPANY DRS BJ			
cc. Water				EQUIPMENT & HOLE DATA			
cc. Mud				Formation Tested Canyon			
Tot. Liquid cc.				Elevation 4038' Ground Level Ft.			
Gravity ° API @ ° F.				Net Productive Interval 40' Ft.			
Gas/Oil Ratio cu. ft./bbl.				All Depths Measured From Kelly Bushing			
RESISTIVITY				Total Depth 11222' Ft.			
CHLORIDE CONTENT				Main Hole/Casing Size 8 3/4"			
Recovery Water @ ° F. ppm				Drill Collar Length 465.90' I.D. 2.50"			
Recovery Mud @ ° F. ppm				Drill Pipe Length 10632' I.D.			
Recovery Mud Filtrate @ ° F. ppm				Packer Depth(s) 11107' 11115' Ft.			
Mud Pit Sample @ ° F. ppm				Depth Tester Valve 11093' Ft.			
Mud Pit Sample Filtrate @ ° F. ppm							
Mud Weight 8.9 vis 37 sec							
TYPE		AMOUNT		Depth Back Surface Floor Bottom			
Cushion				Ft. Pres. Valve Choke Manifold Choke		.75"	
Recovered	632'	Feet of	heavy oil and gas cut mud.				
Recovered	20'	Feet of	oil.				
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks SEE PRODUCTION TEST DATA SHEET. . . .							
MAILED JAN 19 1978 Halliburton Company Duncan, Oklahoma							
Q = Questionable							
TEMPERATURE		Gauge No. 1928		Gauge No. 1927		Gauge No.	
		Depth: 11095' Ft.		Depth: 11218' Ft.		Depth: Ft.	
		24 Hour Clock		24 Hour Clock		Hour Clock	
Est.	° F.	Blanked Off NO		Blanked Off YES		Blanked Off	
Actual 160° F.		Pressures		Pressures		Pressures	
		Field	Office	Field	Office	Field	Office
Initial Hydrostatic		5181	5144	5255	5225		
First Period Flow	Initial	182	178	210	215		
	Final	205	182	257	231		
	Closed in	3569	4036	3944	3954		
Second Period Flow	Initial	137	141 Q	164	187 Q		
	Final	228	207	280	257		
	Closed in	4093	4075	4174	4132		
Third Period Flow	Initial						
	Final						
Final Hydrostatic		5181	5140	5255	5195		
						Reported Minutes	Computed Minutes
						15	16
						60	59
						120	120
						240	234

Well No. 1
 Field Area BUCKEYE
 County LEA
 State NEW MEXICO
 Test No. 11115' to 11222'
 Tested Interval
 Lease Owner/Company Name

FORMATION TEST DATA

Casing profile _____		Bottom choke .75"		Surf. temp _____ °F		Ticket No. 185159	
Gas gravity _____		Oil gravity _____		COR _____			
Spec. gravity _____		Chlorides _____		ppm Res. _____		@ _____ °F	
INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____							
Date Time	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks		
1-13-78 p.m.							
0713					Tool on bottom.		
0715	Bubble Hose				Tool opened with a good blow.		
0720	"	1 1/2#			Good blow.		
0725	"	2 1/2#			Good blow.		
0730	"	3#			Good blow.		
0730	"				Closed tool.		
0830	"	2#			Very good blow.		
0835	"	6.5#			Very good blow.		
0850	"	7#			Very good blow.		
0855	1/4				Opened to 1/4" choke.		
0900	"	6 1/2#			"		
0910	"	6#			"		
0920	"	5 1/2#			"		
0923	"				Gas to surface		
0925	"	5 1/4#			Gas to surface.		
0935	"	4 3/4#			"		
0945	"	4#			"		
0955	"	3 1/2#			"		
1005	"	3 1/4#			"		
1015	"	2 3/4#			"		
1025	"	2 1/2#			"		
1030	"	2 1/2#			"		
1030					Closed tool.		
1430					Pulled off bottom.		

PRODUCTION TEST DATA

LITEL 5-11-78-10-1

Gauge No. 1928		Depth 11,095'		Clock No. -----		24 hour		Ticket No. 185159	
First Flow Period		First Closed In Pressure		Second Flow Period		Second Closed In Pressure		Third Flow Period	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	Time Defl. .000"	PSIG Temp. Corr.
0 .000	178	.000		.000	141 Q	.000			
1 .0063	148	.196		.0663	207	.0340			
2 .0125	148			.1327	207	.0885			
3 .0188	169			.1990	207	.1429			
4 .0250	182			.2653	207	.1973			
5 .0313	182			.3317	207	.2517			
6 .0375	182			.3980	207	.3062			
7 .0438	182					.3606			
8 .0500	182					.4150			
9						.4695			
10						.5238			
11						.5783			
12						.6328			
13						.6872			
14						.7416			
15						.7960			

Gauge No. 1927		Depth 11,218'		Clock No. -----		hour 24	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$
0 .000	215	.000		.000		.000	
1 .0066	208	.196		.0668	248	.0341	
2 .0133	201			.1337	255	.0887	
3 .0199	220			.2005	255	.1432	
4 .0265	234			.2673	262	.1978	
5 .0332	231			.3342	262	.2523	
6 .0398	229			.4010	257	.3069	
7 .0464	231					.3615	
8 .0530	231					.4160	
9						.4706	
10						.5251	
11						.5797	
12						.6343	
13						.6888	
14						.7434	
15						.7980	

Pending Interval 2 20 16 Minutes

REMARKS: * - 10 minutes Q - Questionable

