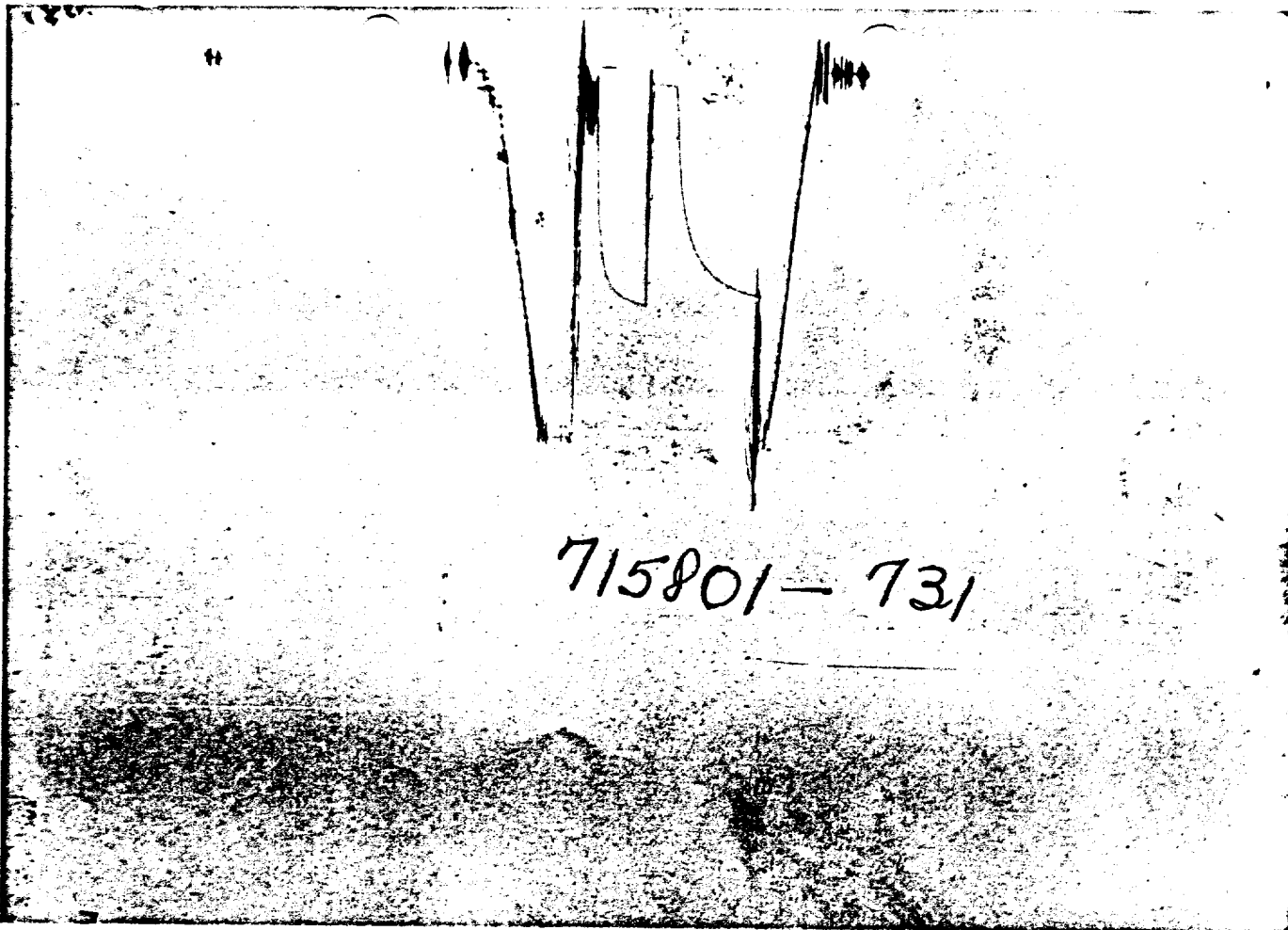
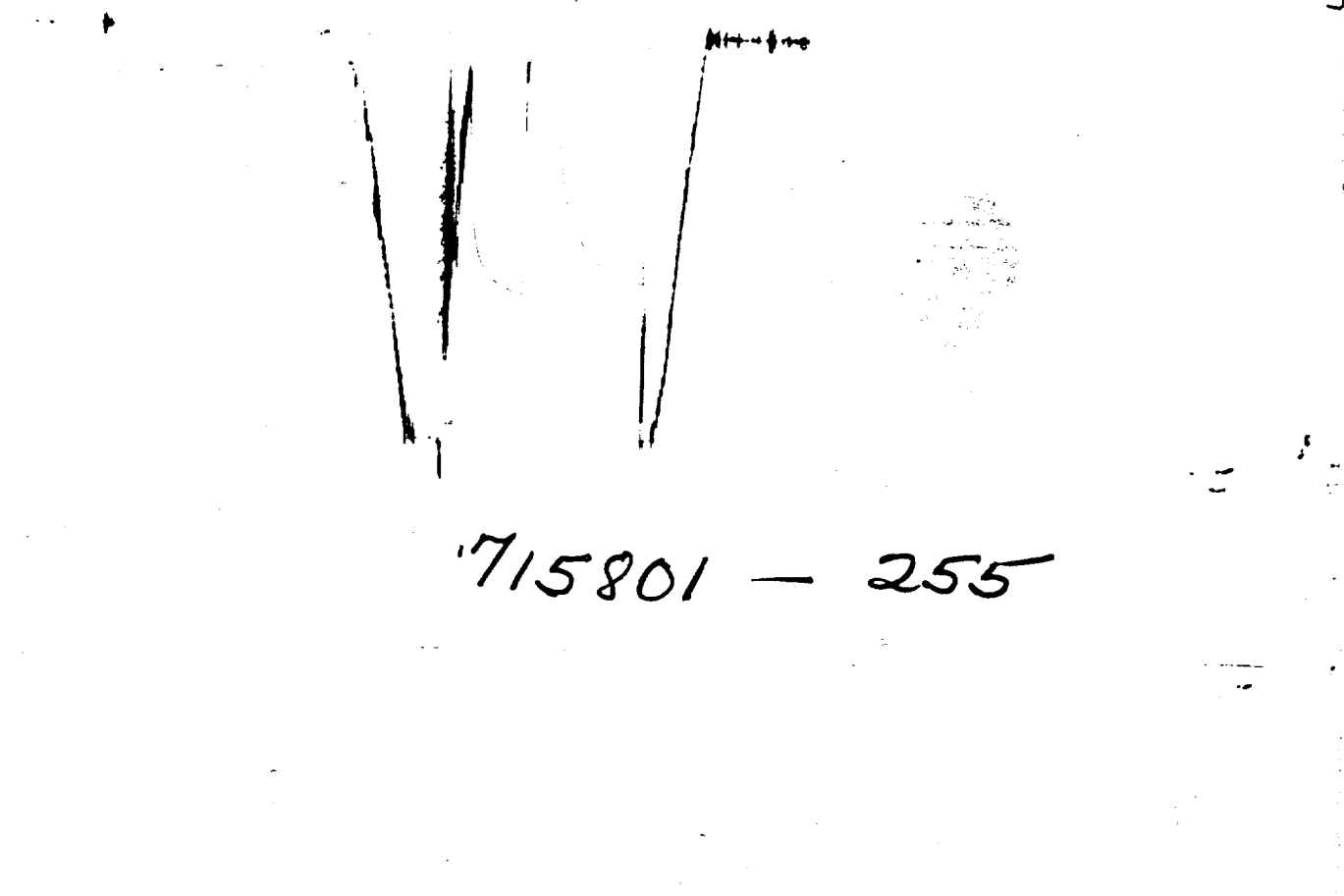




715801 - 731



715801 - 255

Each Horizontal Line Equal to 1000 p.s.i.

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Reversing Sub	5.00"	2.25"	1.00'	
Water Cushion Valve				
Drill Pipe	4.50"	3.826"	3413'	
Drill Collars	6.50"	2.25"	397'	
Handling Sub & Choke Assembly	5.00"	2.25"	1.00'	
Dual CIP Valve				
Dual CIP Sampler	5.00"	.75"	7.00'	3824'
Hydro-Spring Tester	5.00"	.75"	4.00'	3828'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5.00"	3.25"	5.00'	3832'
Hydraulic Jar	5.00"	1.75"	5.00'	
VR Safety Joint	5.00"	1.00"	3.00'	
Pressure Equalizing Crossover				
Packer Assembly	7.00"	1.53"	6.00'	3846'
Distributor	5.00"	1.68"	2.00'	
Packer Assembly	7.00"	1.53"	6.00'	3850'
Flush Joint Anchor	5.00"	1.50"	1.00'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars	6.50"	3.64"	30'	
Anchor Pipe Safety Joint				
Packer Assembly	5.75"	2.50"	1.00'	
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5.75"	3.50"	10'	
Blanked-Off B.T. Running Case	5.75"	3.50"	6.00'	3895'
Total Depth				3899'

Gauge No. 731		Depth 3832'		Clock No. 11954		24 hour		Ticket No. 715801	
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 .0000	29.9	.0000		.0000	89.7	.0000			
1 .0730	59.8	.0198*		.0168	89.7	.0099**			
2		.0331		.0337	91.1	.0329			
3		.0463		.0505	94.0	.0559			
4		.0595		.0673	96.8	.0789			
5		.0727		.0842	96.8	.1019			
6		.0860		.1010	101.1	.1249			
7		.0992		.1256.3		.1479			
8		.1124		.1269.0		.1709			
9		.1256		.1278.8		.1939			
10		.1389		.1287.3		.2169			
11		.1521		.1294.3		.2399			
12		.1653		.1300.0		.2629			
13		.1785		.1305.6		.2859			
14		.1918		.1309.8		.3089			
15		.2050		.1314.0		.3320			

Gauge No. 255		Depth 3895'		Clock No. 16511		24 hour	
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 .0000	149.5	.0000		.0000	131.0	.0000	
1 .0780	192.3	.0200*		.0163	131.0	.0099**	
2		.0334		.0327	131.0	.0331	
3		.0467		.0490	141.0	.0562	
4		.0601		.0653	139.6	.0793	
5		.0734		.0817	138.1	.1025	
6		.0868		.0980	139.6	.1256	
7		.1002				.1488	
8		.1135				.1719	
9		.1269				.1950	
10		.1402				.2182	
11		.1536				.2413	
12		.1669				.2645	
13		.1803				.2876	
14		.1936				.3107	
15		.2070				.3340	

Reading Interval		4		5		7		Minutes	

REMARKS: * INTERVAL = 6 MINUTES ** INTERVAL = 3 MINUTES

Casing perms. _____ Bottom choke _____ Surf. temp _____ °F Ticket No. 715801
 Gas gravity _____ Oil gravity _____ GOR _____
 Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F
 INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

[illegible]

FLUID SAMPLE DATA				Date 10-13-79		Ticket Number 715801	
Sampler Pressure _____ P.S.I.G. at Surface Recovery: Cu. Ft. Gas _____ cc. Oil _____ cc. Water _____ cc. Mud _____ Tot. Liquid cc. _____				Kind of Job OPEN HOLE Tester MR. WILLIAMS MR. FLETCHER		Halliburton District HOBBS Witness _____	
Gravity _____ ° API @ _____ °F. Gas/Oil Ratio _____ cu. ft./bbl. RESISTIVITY CHLORIDE CONTENT				Drilling Contractor Verna Drilling Company BJ EQUIPMENT & HOLE DATA			
Recovery Water @ _____ °F. _____ ppm Recovery Mud @ _____ °F. _____ ppm Recovery Mud Filtrate @ _____ °F. _____ ppm Mud Pit Sample @ _____ °F. _____ ppm Mud Pit Sample Filtrate @ _____ °F. _____ ppm				Formation Tested San Andres Elevation _____ Ft. Net Productive Interval 3850' to 3899' Ft. All Depths Measured From Kelly Bushing Total Depth 3899' Ft. Main Hole/Casing Size 7 7/8" Drill Collar Length 397' I.D. 2.25" Drill Pipe Length 3413' I.D. 3.826" Packer Depth(s) 3846' 3850' Ft. Depth Tester Valve 3828' Ft.			
Mud Weight 10.5 vis 38 Sec							
Cushion		TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke	
				Ft.	1" Adj.	.75"	
Recovered 60 Feet of drilling mud.							
Recovered Feet of							
Recovered Feet of							
Recovered Feet of							
Recovered Feet of							
Remarks SEE PRODUCTION TEST DATA SHEET....CHARTS INDICATE PARTIAL PLUGGING OF ANCHOR PERFORATIONS DURING FLOW PERIODS....							
TEMPERATURE		Gauge No. 731		Gauge No. 255		Gauge No.	
		Depth: 3832' Ft.		Depth: 3895' Ft.		Depth: _____ Ft.	
		*24 Hour Clock		24 Hour Clock		Hour Clock	
Est. °F.		Blanked Off NO		Blanked Off YES		Blanked Off	
Actual 90 °F.						Tool _____ A.M.	
						Opened 0937 P.M.	
						Opened _____ A.M.	
						Bypass 2:13 P.M.	
		Pressures		Pressures		Pressures	
		Field	Office	Field	Office	Field	Office
Initial Hydrostatic		2038	2049.8	2091	2098.8		
First Period	Flow Initial	142	29.9	142	149.5		
	Flow Final	142	59.8	142	192.3		
	Closed in	1331	1314.0	1356	1353.9		
Second Period	Flow Initial	114	89.7	114	131.0		
	Flow Final	114	101.1	142	139.6		
	Closed in	1274	1247.8	1272	1293.5		
Third Period	Flow Initial						
	Flow Final						
	Closed in						
Final Hydrostatic		2038	2035.6	2063	2084.7		

 Log Location
 Sec - Twp - Rng.

 Lease Name
 MOONEY

 Well No.
 1

 Test No.
 1

 Tested Interval
 3850' to 3899'

 N. R. M. PETROLEUM CORPORATION
 Lease Owner/Company Name

 Field Area
 TOMAHAWK

County

CHAVES

State

NEW MEXICO