

FLUID SAMPLE DATA				Date	9-28-78	Ticket Number	506928
Sampler Pressure _____ P.S.I.G. at Surface				Kind of Job	OPEN HOLE TEST	Halliburton District	PRATT
Recovery: Cu. Ft. Gas _____				Tester	T. SEYFERT	Witness	B. CLEMENTS
cc. Oil _____				Drilling Contractor	UNION DRILLING COMPANY RIG #2 PW		
cc. Water _____				EQUIPMENT & HOLE DATA DR			
cc. Mud _____				Formation Tested	Herrington		
Tot. Liquid cc. _____				Elevation	1683' K.B.	Ft.	
Gravity _____ ° API @ _____ °F.	RESISTIVITY	CHLORIDE CONTENT		Net Productive Interval	20'	Ft.	
Gas/Oil Ratio _____ cu. ft./bbl.				All Depths Measured From	Kelly Bushing		
Recovery Water _____ @ _____ °F. _____ ppm				Total Depth	1593'	Ft.	
Recovery Mud _____ @ _____ °F. _____ ppm				Main Hole/Casing Size	7 7/8"		
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm				Drill Collar Length	330'	I.D.	2.25"
Mud Pit Sample _____ @ _____ °F. _____ ppm				Drill Pipe Length	1173'	I.D.	3.826"
Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm				Packer Depth(s)	1524' - 1530' Ft.		
Mud Weight 9.5 vis 38 sec				Depth Tester Valve	1515' Ft.		
Cushion	TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	1.00"	Bottom Choke	.75"
Recovered	40	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. 6276	Gauge No. 6275	Gauge No.	TIME			
	Depth: 1517 Ft.	Depth: 1590 Ft.	Depth: _____ Ft.				
	12 Hour Clock		12 Hour Clock		Hour Clock		
Est. °F.	Blanked Off NO		Blanked Off YES		Blanked Off		
Actual 86 °F.	Pressures		Pressures		Pressures		
	Field	Office	Field	Office	Field	Office	
Initial Hydrostatic		791	833	836			
First Period	Flow Initial	11	56	57			
	Flow Final	15	56	53	30		
	Closed in	37	72	75	30		
Second Period	Flow Initial	20	56	57			
	Flow Final	27	56	65	20		
	Closed in	37	-	75	10		
Third Period	Flow Initial						
	Flow Final						
	Closed in						
Final Hydrostatic		779	823	823			

Legal Location Sec. - Twp. - Rng. 22 - 27 - 10

GIBBENS

Lease Name

1-A

Well No.

1530' - 1593'

Tested Interval

Field Area

County KINGMAN

State KANSAS

RUPE OIL COMPANY

Lease Owner/Company Name

5

Casing perms. _____ Bottom choke _____ Surf. temp _____ °F Ticket No. 506928
 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
1200						Called out,
1430						On location.
1515						Picked up tool.
1535						Tool at table.
1550						Tool through table.
1634						Tool on bottom - 26,000#.
1640						Opened tool with a weak blow.
1644						Blow dead.
1710						Closed tool.
1740						Reopened tool with a weak blow.
1746						Blow dead.
1750						Flushed tool.
1800						"
1810						Closed tool.
1815						Tool off bottom - 27,000#.
1900						Tool at table.
2000						Tool on walk.

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing	6"	2"	1'	
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	1173'	
Drill Collars	6"	2.25"	330'	
Handling Sub & Choke Assembly	6"	2"	1' - Double Pin	
Dual CIF Valve	5 3/4"	.87"	6'	1505'
Dual CIF Sampler				
Hydro-Spring Tester	5"	.75"	5'	1515'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	4'	1517'
Hydraulic Jar				
VR Safety Joint				
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1.53"	6'	1524'
Distributor				
Packer Assembly	6 3/4"	1.53"	6'	1530'
Flush Joint Anchor	5"	2.36"	24'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case	5"	2.44"	4'	1590'
Drill Collars	4 1/2"	3.826"	31'	
Anchor Pipe Safety Joint	6"	2"	2'	
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor				
Blanked-Off B.T. Running Case				
Total Depth				1593'

PRESSURE



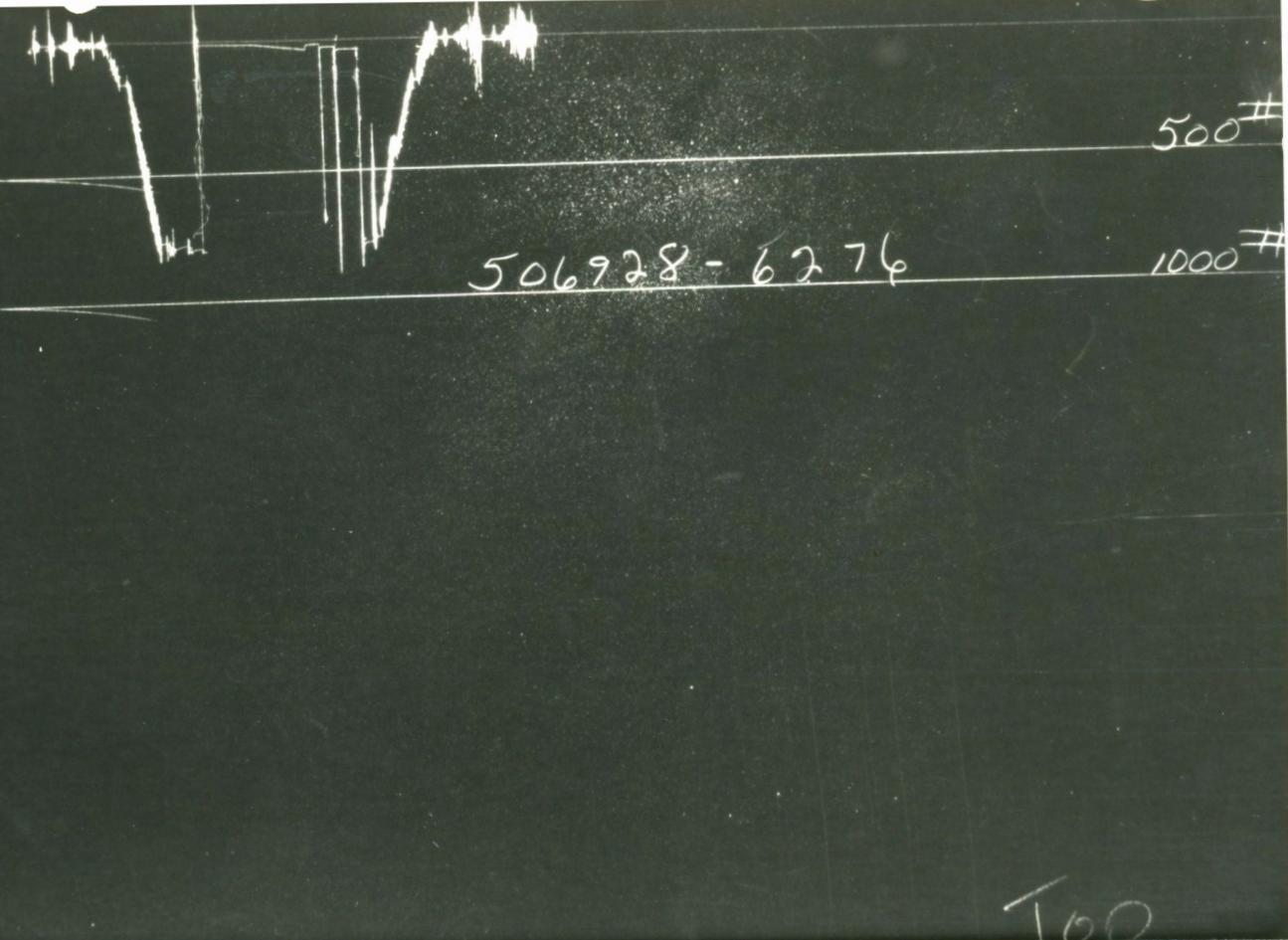
TIME

Top

500#

1000#

506928-6276

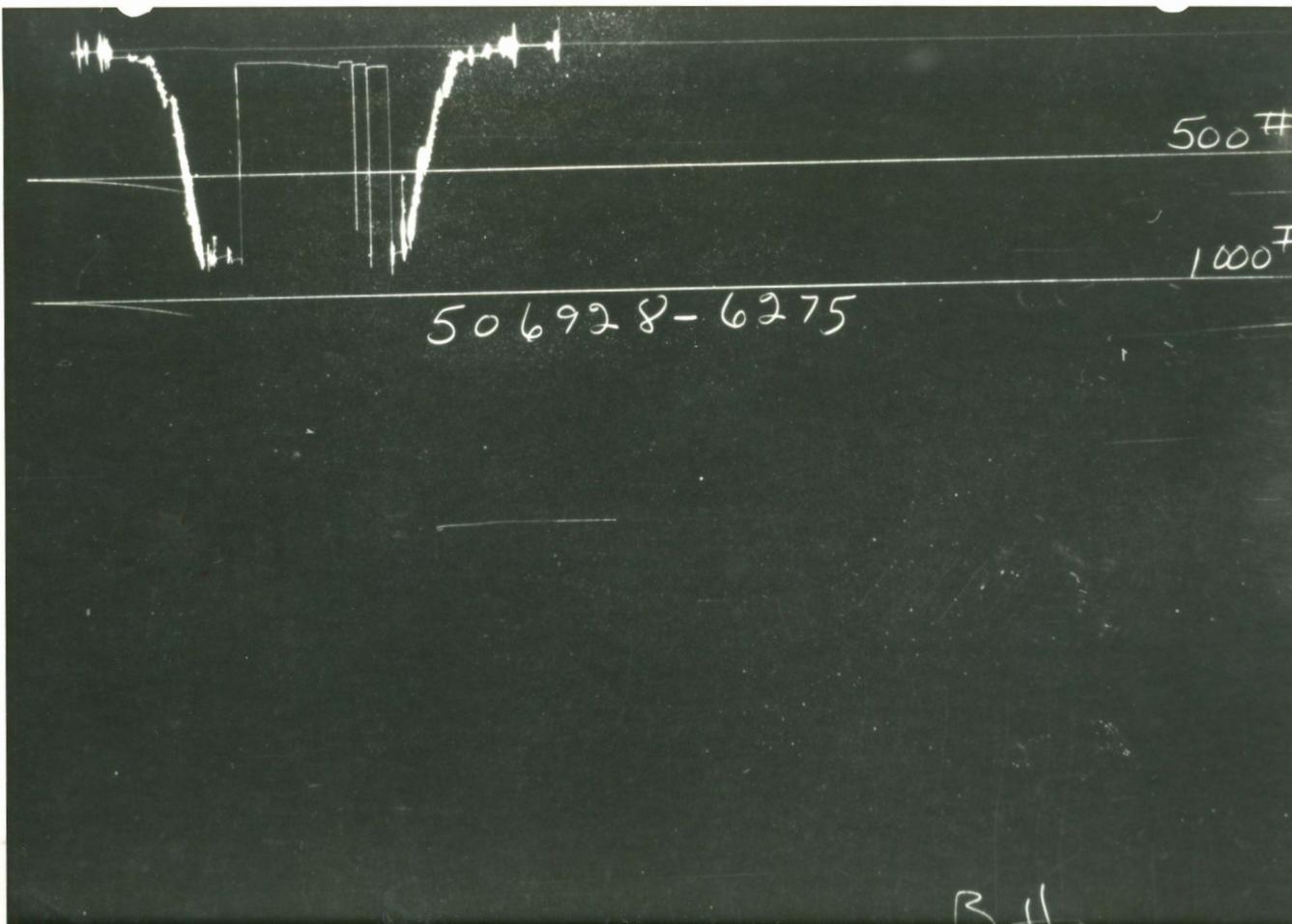


500#

1000#

506928-6275

B-11



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

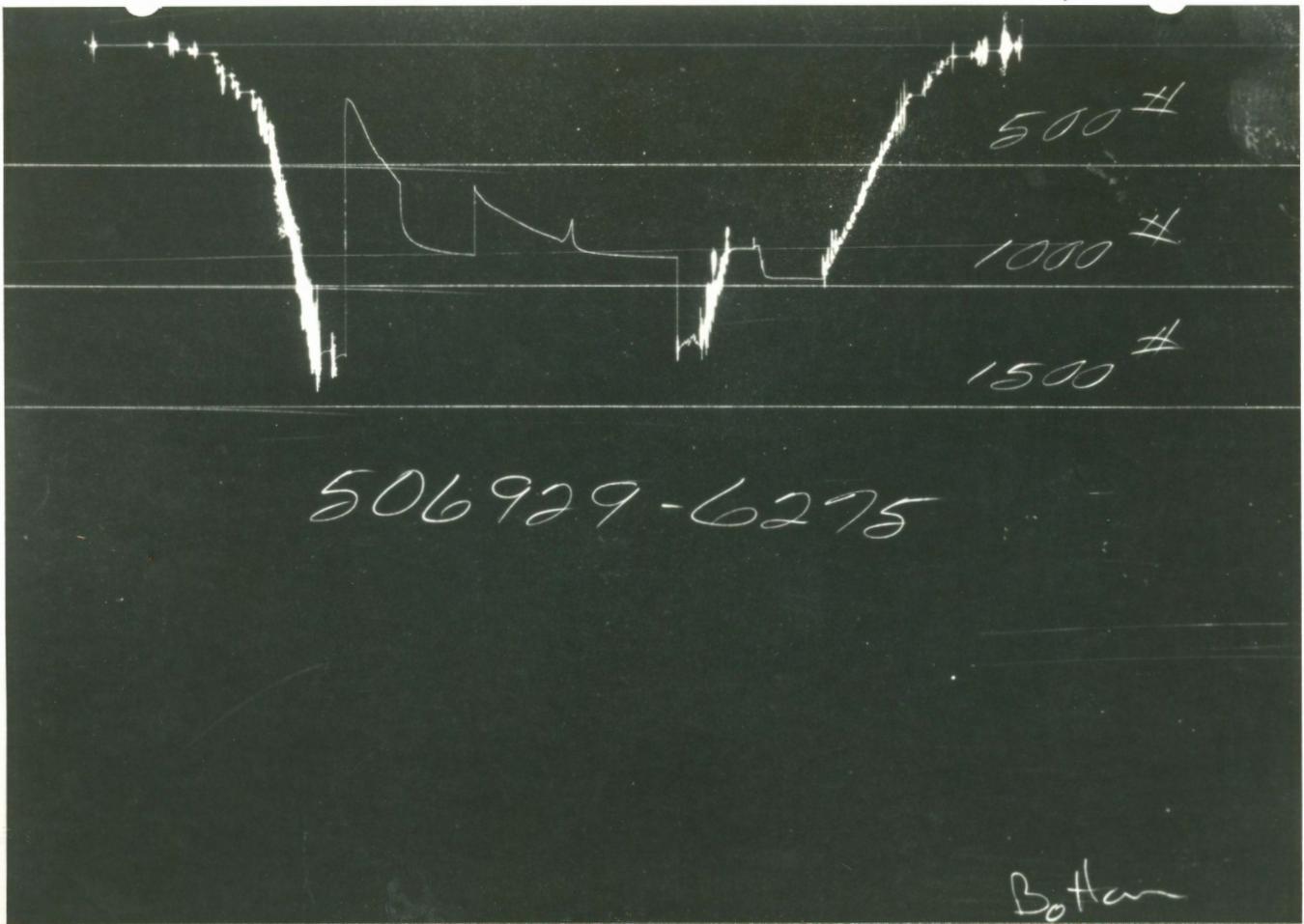
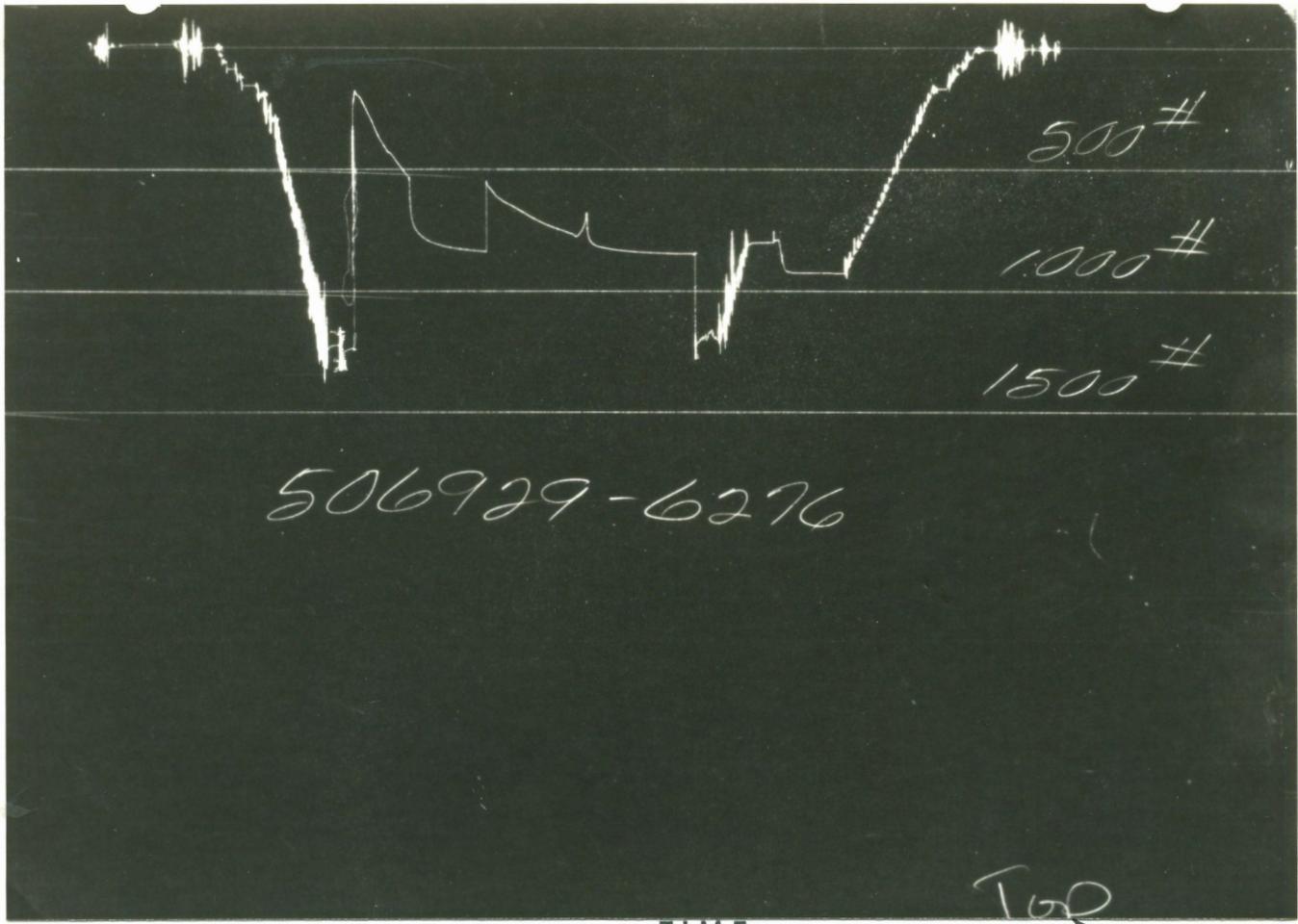
Gauge No. 6276			Depth 2297			Clock No. 14117			12 hour		Ticket No. 506929				
First Flow Period		First Closed In Pressure			Second Flow Period		Second Closed In Pressure			Third Flow Period		Third Closed In Pressure			
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.0000	178	.0000		531	.0000	553	.0000		673					
1	.0545*	249	.0140**		716	.0553***	619	.0480****		815					
2	.0886	327	.0350		756	.1244	660	.0754		820					
3	.1227	397	.0560		777	.1936	701	.1028		825					
4	.1568	439	.0770		790	.2627	733	.1303		829					
5	.1909	487	.0980		799	.3318	759	.1577		832					
6	.2250	531	.1190		806	.4010	673	.1851		834					
7			.1400		812			.2125		836					
8			.1610		817			.2399		838					
9			.1820		821			.2674		839					
10			.2030		824			.2948		840					
11			.2240		827			.3222		842					
12			.2450		829			.3496		842					
13			.2660		831			.3770		843					
14			.2870		833			.4045		843					
15			.3080		834			.4320		845					

Gauge No. 6275			Depth 237'			Clock No. 10288			12 hour	
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.0000	223	.0000		573	.0000	596	.0000		723
1	.0536*	289	.0135**		761	.0535***	660	.0464****		853
2	.0871	366	.0336		798	.1204	702	.0730		859
3	.1205	438	.0538		818	.1873	741	.0995		863
4	.1540	482	.0740		829	.2542	774	.1260		866
5	.1875	530	.0942		838	.3211	801	.1526		868
6	.2210	573	.1144		844	.3880	723	.1791		869
7			.1345		849			.2056		871
8			.1547		854			.2322		873
9			.1749		857			.2587		874
10			.1951		860			.2852		876
11			.2153		863			.3117		876
12			.2354		866			.3383		877
13			.2556		868			.3648		878
14			.2758		869			.3913		879
15			.2960		870			.4180		879

Reading Interval 5 3 10 4 Minutes

REMARKS: * - first interval is equal to 8 minutes, ** - 2 minutes, *** - 8 minutes, **** - 7 minutes.

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Reversing Sub	6"	2"	1'	
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	1953'	
Drill Collars	6"	2.25"	330'	
MANHOLES SUB & CHOKER ASSEMBLY	6"	2"	1'	DOUBLE PIN
Dual CIP Valve	5 3/4"	.87"	6'	2285'
Dual CIP Sampler				
Hydro-Spring Tester	5"	.75"	5'	2295'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	4'	2297'
Hydraulic Jar				
VR Safety Joint				
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1.53"	6'	2304'
Distributor				
Packer Assembly	6 3/4"	1.53"	6'	2310'
Flush Joint Anchor	5"	2.36"	25'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case	5"	2.44"	4'	2371'
DRINKING WATER DRILL PIPE	4 1/2"	3.826"	32'	
Anchor Pipe Safety Joint				
CROSS OVER	6"	2"	2'	
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor				
Blanked-Off B.T. Running Case				
Total Depth				2375'



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