

Lee Stevenson

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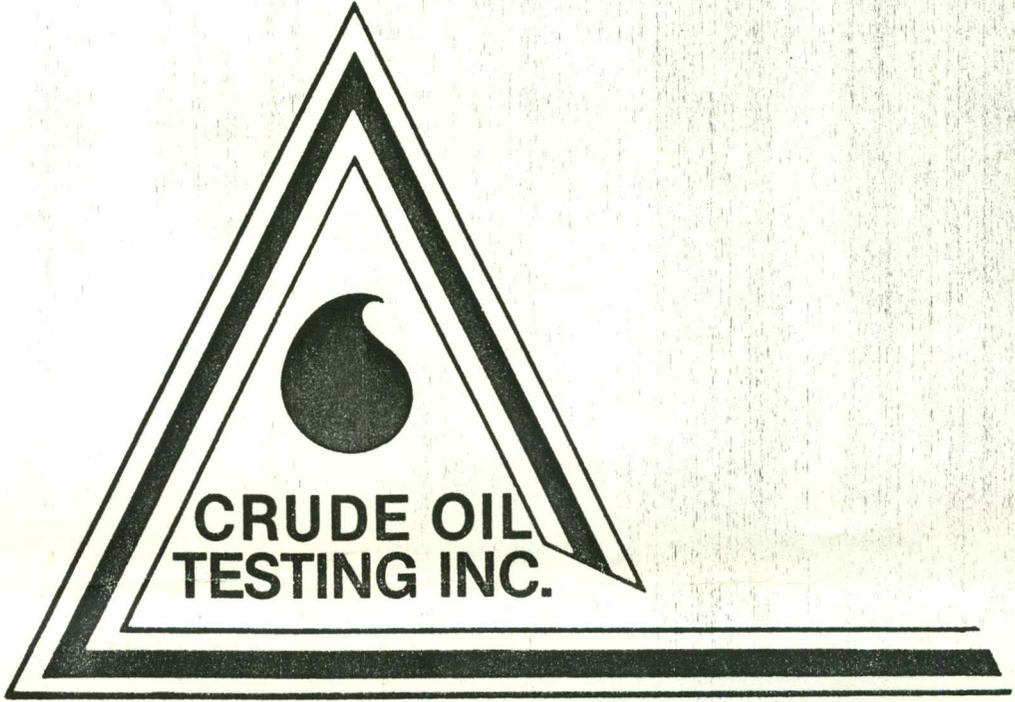
AUG 23 '88

GREAT BEND
Division Office

API 15-195 - 21, 985

21, 155-22W

NW - NE - SE



FORMATION TESTING SERVICE REPORT

CRUDE OIL TESTING, INC.

DATE 8/11/88

TEST TICKET NO. 5916

Company: Sunburst Exploration, Inc.
 Company Address: 125 N. Emporia, Wichita, KS 67202
 Location: Sec. 21 Twp. 15S Range 22W Co. Trego State KS
 Well Name & Number: Ryan D #1 Code E6

API 15-195 - 21,985

ENGINEERING DATA	Elevation	2191 KB	Drill Pipe Length	3468	ID 3.8 "
	Mud Viscosity	53	Weight Pipe Length	563	ID 2.76 "
	Mud Weight	9.7	Drill Collar Length		
	Water Loss	16	Top Packer Depth	4051	
	Type of Mud	Starch	Bottom Packer Depth	4056	
	Anchor Length	56	Tool Joint Size	4.5	XH
	Hole Size	7 7/8	Test Tool Size	5 1/2	
	Casing Size	8 5/8	Packer Size	6 3/4	
	Surface Choke	3/4	Reversed Out	No	
	Bottom Choke	3/4	Recorder #	13255	
	Extra Equipment		Safety joint		

REMARKS DST # 1

FORMATION Ft. Scott/Ch Zone Top Test Type Conventional
 Interval 4056 To 4112 Total Depth 4112
 Open 45 Shut In 60 Open 60 Shut In 120
 Packer(s) Set 01:30PM Started Off Bottom 06:15PM
 Blow 1st Opening Good blow building to 6 1/2 inches.
 2nd Opening Good blow building to 6 inches.

RECOVERY Total Feet 390
 Recovered 390 feet of Watery mud

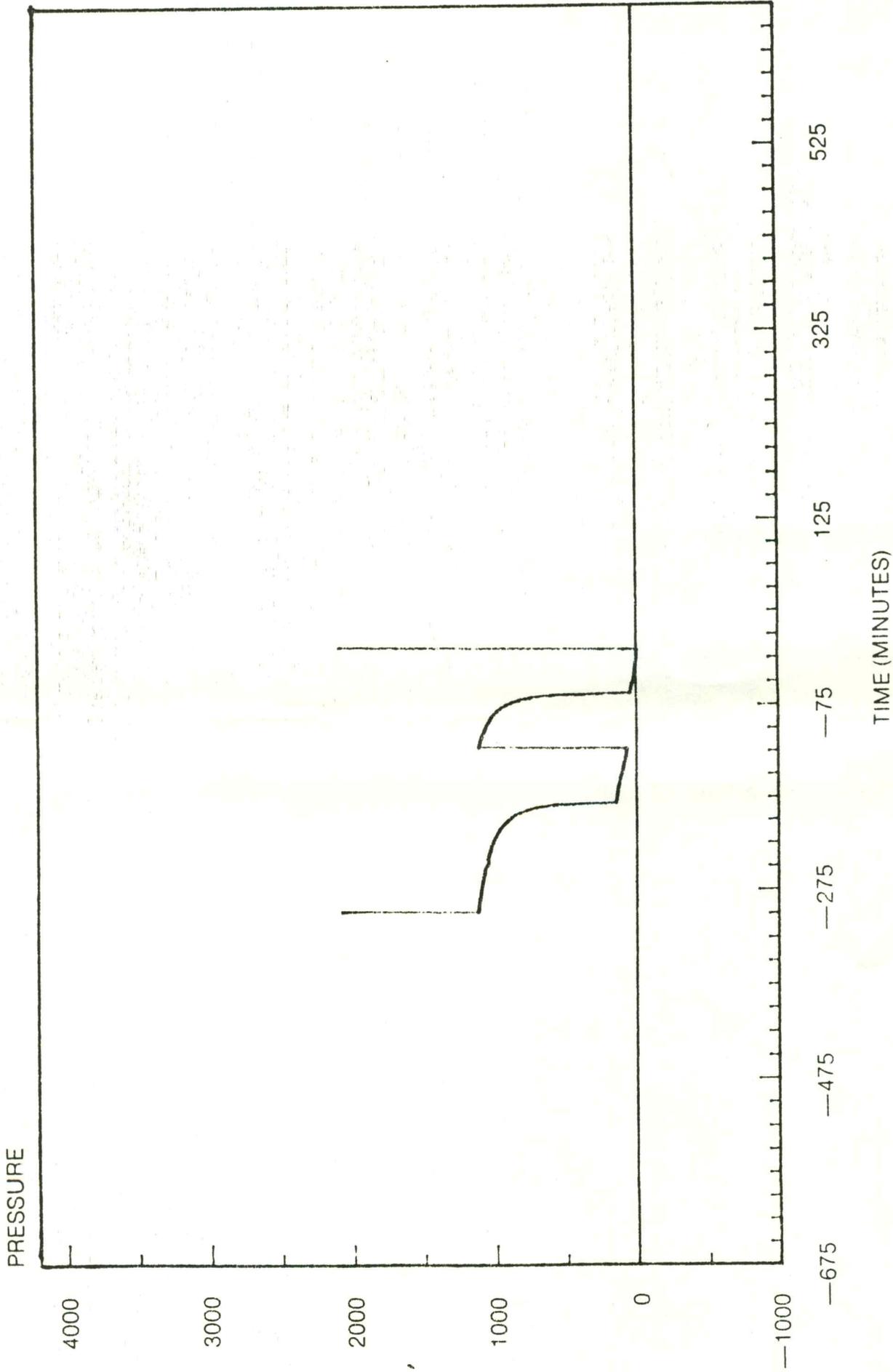
CALCULATED RECOVERY Gas Oil Water 190 Mud 200
 Gravity (Oil) Test Water Chlorides 46,000 PPM
 Test Area Temperature 130F Mud System Chlorides 33,000 PPM

		FIELD READING	OFFICE READING	
PRESSURE	(A) Initial Hydrostatic Mud	2154	2150	PSI
	(B) First Initial Flow Pressure	58	51	PSI
	(C) First Final Flow Pressure	109	99	PSI
	(D) Initial Closed-In Pressure	1157	1168	PSI
	(E) Second Initial Flow Pressure	116	120	PSI
	(F) Second Final Flow Pressure	186	195	PSI
	(G) Final Closed-In Pressure	1157	1166	PSI
	(H) Final Hydrostatic Mud	2131	2125	PSI

CRUDE OIL TESTING INC.

FOR: SUNBURST EXPLORATION, INC. TEST 5916

DST #1 08/11/88



PRESSURE BREAKDOWN

TEST TICKET NO. 5916

DST Number: 1 Recorder Number: 13255 Clock Number: 25113

First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
Mins. Press.	Mins. Press.	Mins. Press.	Mins. Press.
0	51	0	99
3	52	3	660
6	53	6	808
9	55	9	887
12	58	12	945
15	60	15	985
18	61	18	1017
21	64	21	1041
24	66	24	1059
27	68	27	1077
30	72	30	1089
33	75	33	1098
36	81	36	1111
39	87	39	1120
42	92	42	1128
45	96	45	1137
47	99	48	1145
		51	1151
		54	1157
		57	1163
		60	1167
		0	120
		3	121
		6	122
		9	127
		12	131
		15	136
		18	141
		21	144
		24	149
		27	153
		30	158
		33	163
		36	167
		39	172
		42	175
		45	179
		48	182
		51	186
		54	189
		57	192
		60	194
		0	194
		3	638
		6	759
		9	825
		12	873
		15	910
		18	936
		21	960
		24	978
		27	998
		30	1013
		33	1024
		36	1034
		39	1044
		42	1055
		45	1063
		48	1071
		51	1077
		54	1082
		57	1088
		60	1094
		63	1100
		66	1094
		69	1098
		72	1114
		75	1119
		78	1122
		81	1127
		84	1131
		87	1134
		90	1136
		93	1140
		96	1143
		99	1147
		102	1150
		105	1153
		108	1156
		111	1158
		114	1160
		117	1163
		120	1165

EQUIPMENT DATA
TOOL SEQUENCE REPORT

DST Number: 1

TEST TICKET NO. 5916

WELL NAME: Ryan D #1

WELL LOCATION: 21-15s-22w

Tool #	Tool	Length	I.D.	O.D.
1	Drill Pipe - 4.5"	3468.00	3.826	4.50
3	Weight Pipe	563.00	2.760	4.50
8	Circulating Sub	1.00	3.000	5.00
7	Changeover Sub	2.00	3.000	5.00
9	Shut-In Tool	5.45	0.870	5.00
10	Hydraulic Tool	5.60	1.000	5.00
13	Safety Joint	2.31	3.000	5.00
14	Packer	5.35	1.530	6.75
14	Packer	5.35	1.530	6.75
6	Anchor	52.00	2.750	5.00
15	Recorder Carrier	1.00		5.00
16	Bull Plug	2.00		5.00
	Total Depth	4113.06		

CRUDE OIL TESTING, INC.

DATE 8/12/88

TEST TICKET NO. 5917

Company: Sunburst Exploration, Inc.

Company Address: Wichita, KS

Location: Sec. 21 Twp. 15S Range 22W Co. Trego

State KS

Well Name & Number: Ryan D #1

Code E6

ENGINEERING DATA

Elevation	2191 KB	Drill Pipe Length	3524	ID 3.8 "
Mud Viscosity	49	Weight Pipe Length	563	ID 2.76 "
Mud Weight	9.7	Drill Collar Length		
Water Loss	14.2	Top Packer Depth	4107	
Type of Mud	Starch	Bottom Packer Depth	4112	
Anchor Length	38	Tool Joint Size	4.5	XH
Hole Size	7 7/8	Test Tool Size	5 1/2	
Casing Size	8 5/8	Packer Size	6 3/4	
Surface Choke	3/4	Reversed Out	No	
Bottom Choke	3/4	Recorder #	13255	
Extra Equipment		Safety joint		

REMARKS DST # 2

FORMATION Cherokee Zone Lower Test Type Conventional

Interval 4112	To 4150	Total Depth	4150
Open 45	Shut In 60	Open 60	Shut In 90
Packer(s) Set	07:45AM	Started Off Bottom	12:00PM

Blow 1st Opening Good blow increasing to 10 inches.
 2nd Opening Good blow increasing to 11 inches.

RECOVERY Total Feet 450
 Recovered 450 feet of Muddy water

CALCULATED RECOVERY

Gas	Oil	Water	300	Mud	150
Gravity (Oil)		Test Water Chlorides	21,000	PPM	
Test Area Temperature	134F	Mud System Chlorides	31,000	PPM	

PRESSURE

	FIELD READING	OFFICE READING	PSI
(A) Initial Hydrostatic Mud	2142	2146	PSI
(B) First Initial Flow Pressure	58	59	PSI
(C) First Final Flow Pressure	128	127	PSI
(D) Initial Closed-In Pressure	1317	1323	PSI
(E) Second Initial Flow Pressure	151	150	PSI
(F) Second Final Flow Pressure	257	256	PSI
(G) Final Closed-In Pressure	1317	1317	PSI
(H) Final Hydrostatic Mud	2122	2130	PSI

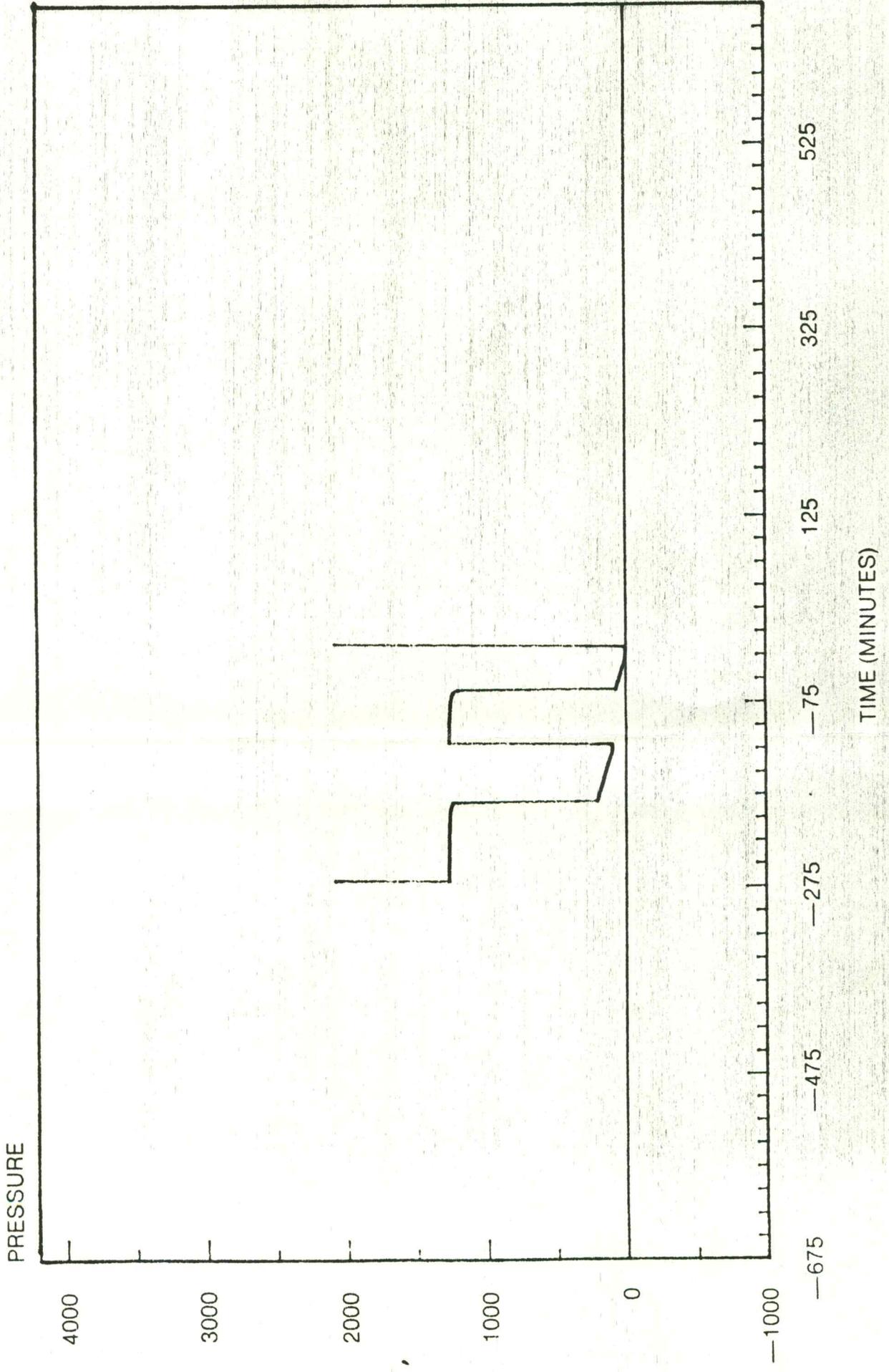
API 15-195-21,985

CRUDE OIL TESTING INC.

FOR: SUNBURST EXPLORATION, INC. TEST 5917

DST #2

08/12/88



EQUIPMENT DATA
TOOL SEQUENCE REPORT

DST Number: 2

TEST TICKET NO. 5917

WELL NAME: Ryan D #1

WELL LOCATION: 21-15s-22w

Tool #	Tool	Length	I.D.	O.D.
1	Drill Pipe - 4.5"	3524.00	3.826	4.50
3	Weight Pipe	563.00	2.760	4.50
8	Circulating Sub	1.00	3.000	5.00
7	Changeover Sub	2.00	3.000	5.00
9	Shut-In Tool	5.45	0.870	5.00
10	Hydraulic Tool	5.60	1.000	5.00
13	Safety Joint	2.31	3.000	5.00
14	Packer	5.35	1.530	6.75
14	Packer	5.35	1.530	6.75
6	Anchor	34.00	2.750	5.00
15	Recorder Carrier	1.00		5.00
16	Bull Plug	2.00		5.00
	Total Depth	4151.06		