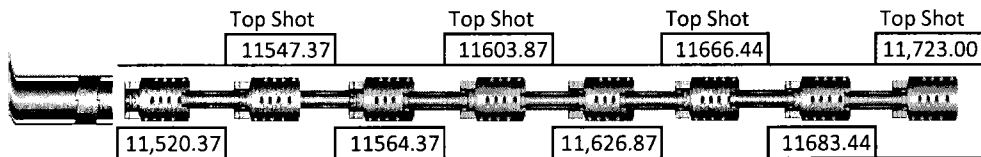


Pipe Needed		Chesapeake		
11514.67		State 10-67 36 1H	KB Corr	
3.65	XO Swivel	8/7/2011		
2.05	Proposed	Actual		
1	11520	0.37	11520.37	Gun # 8
	11521		11521.37	
4	SUBS		Subs	
	0.37	20		10' + 10'
2				
1	11549	-1.63	11547.37	Gun # 7
	11550		11548.37	
4	Add Sub	SUBS		Subs
	-1.63	10		10'
2				
1	11578	-13.63	11564.37	Gun # 6
	11579		11565.37	
4	Add Sub	SUBS		Subs
	-13.63	32.5		0 1 Jts
2				
1	11607	-3.13	11603.87	Gun # 5
	11608		11604.87	
4	Add Sub	SUBS		Subs
	-3.13	16.00		8' + 8'
2				
1	11636	-9.13	11,626.87	Gun # 4
	11637		11637	
4	Add Sub	SUBS		Subs
	-9.13	32.57		0 1 Jts
2				
1	11665	1.44	11666.44	Gun # 3
	11666		11667.44	
4	SUBS		Subs	
	1.44	10		10'
2				
1	11694	-10.56	11683.44	Gun # 2
	11695		11684.44	
4	SUBS		Subs	
	-10.56	32.56		0 1 Jts
2				
1	11723	0	11723	Gun # 1
	11724		11724	
1.26				
Proposed BHA		Actual BHA		
210.96		210.59		



Stick-Up
Above Slips

7.37

Pipe Measurement
From Raw Tally
Joint #

361

11522

PBTD
Rat Hole

11,767.00

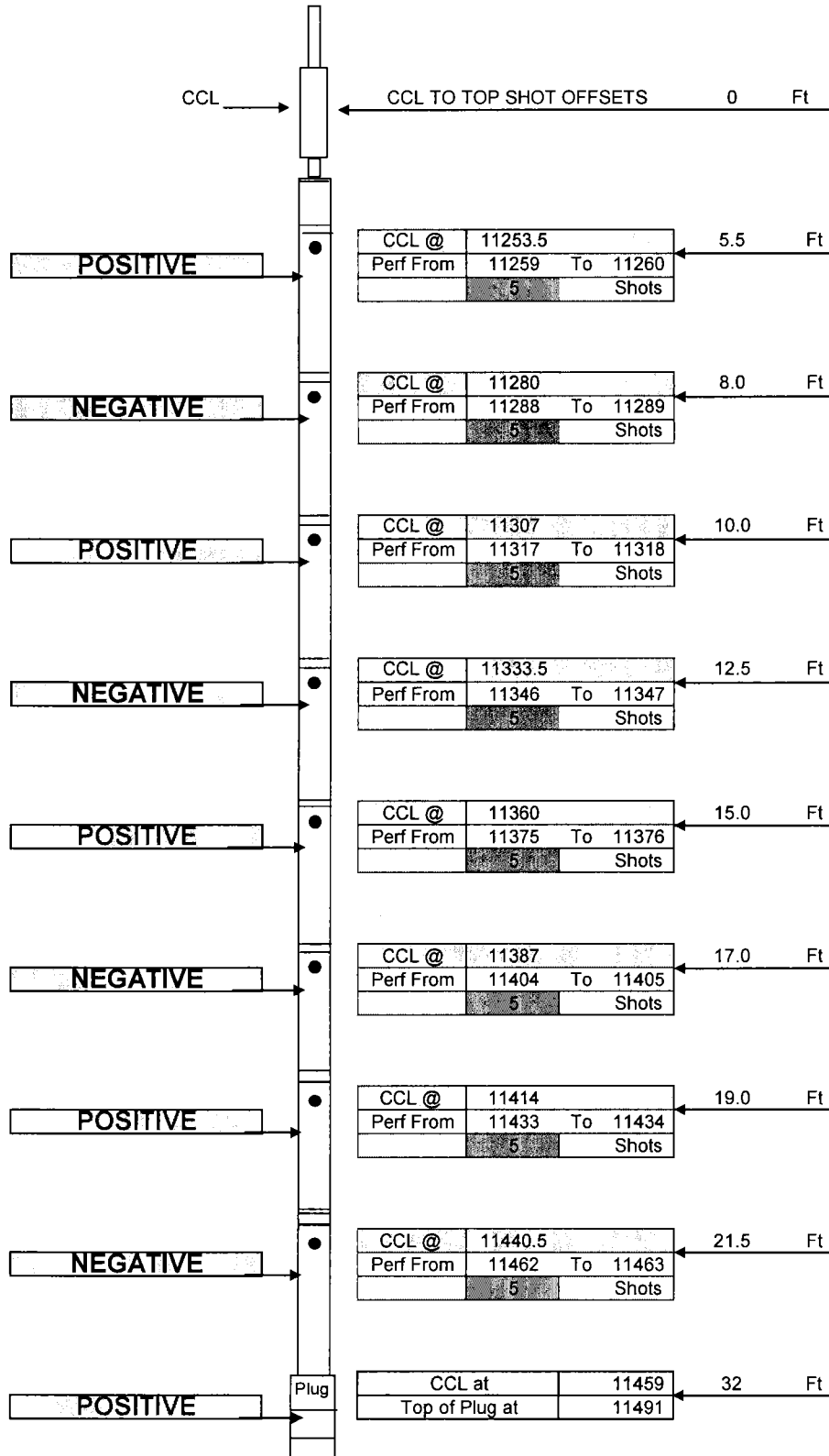
43.00



Perforation Schematic

Company	CHESAPEAKE ENERGY
Well Name	State 10-67 36 1H
Stage #	2
Run #	1
Supervisor	Sam Hopper
Date / Time	8/11/11 8:00 AM
Location	1
Weather	1
Wind Direc.	1

Cert. #	4459
Pattern	60
EHD	0.47
Penetration	36"
Total Lbs	
Max lbs/delay	
Method of Fire	Elec
Distance / Structure	N/A
Seismograph	No



40	Total Shots
8.8	Total Feet

Short Joint @ 7112 - 7133

Depth	Degrees
7220	10
7310	20
7580	30
7690	40
7790	50
7900	60
7980	70
7125	80
8200	90

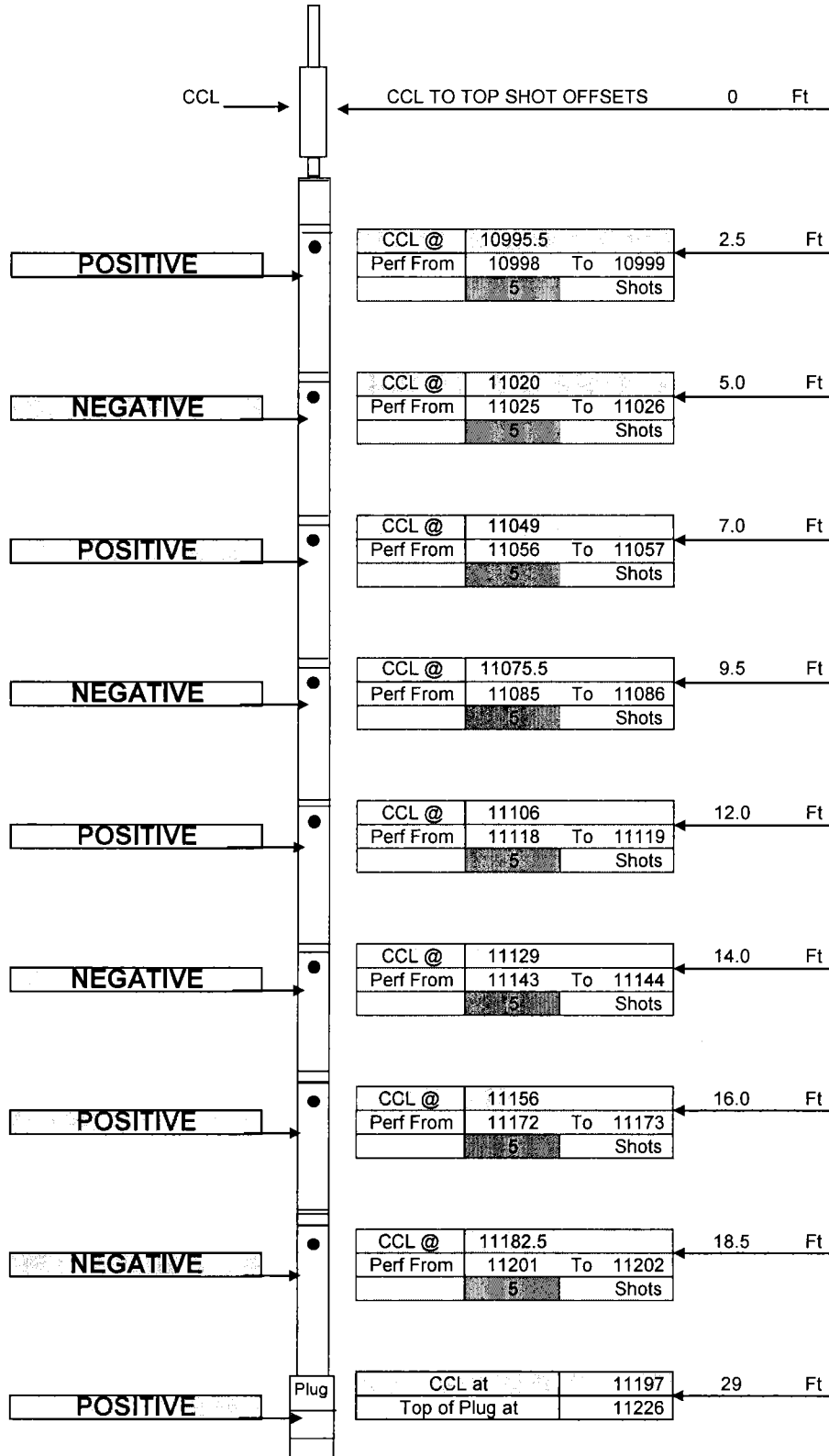
Top of bottom set of perforations at 11520



Perforation Schematic

Company	CHESAPEAKE ENERGY
Well Name	State 10-67 36 1H
Stage #	3
Run #	1
Supervisor	Sam Hopper
Date / Time	8/11/11 12:00 PM
Location	1
Weather	1
Wind Direc.	1

Cert. #	4459
Pattern	60
EHD	0.47
Penetration	36"
Total Lbs	
Max lbs/delay	
Method of Fire	Elec
Distance / Structure	N/A
Seismograph	No



40	Total Shots
8.8	Total Feet

Short Joint @ 7112 - 7133

Depth	Degrees
7220	10
7310	20
7580	30
7690	40
7790	50
7900	60
7980	70
7125	80
8200	90

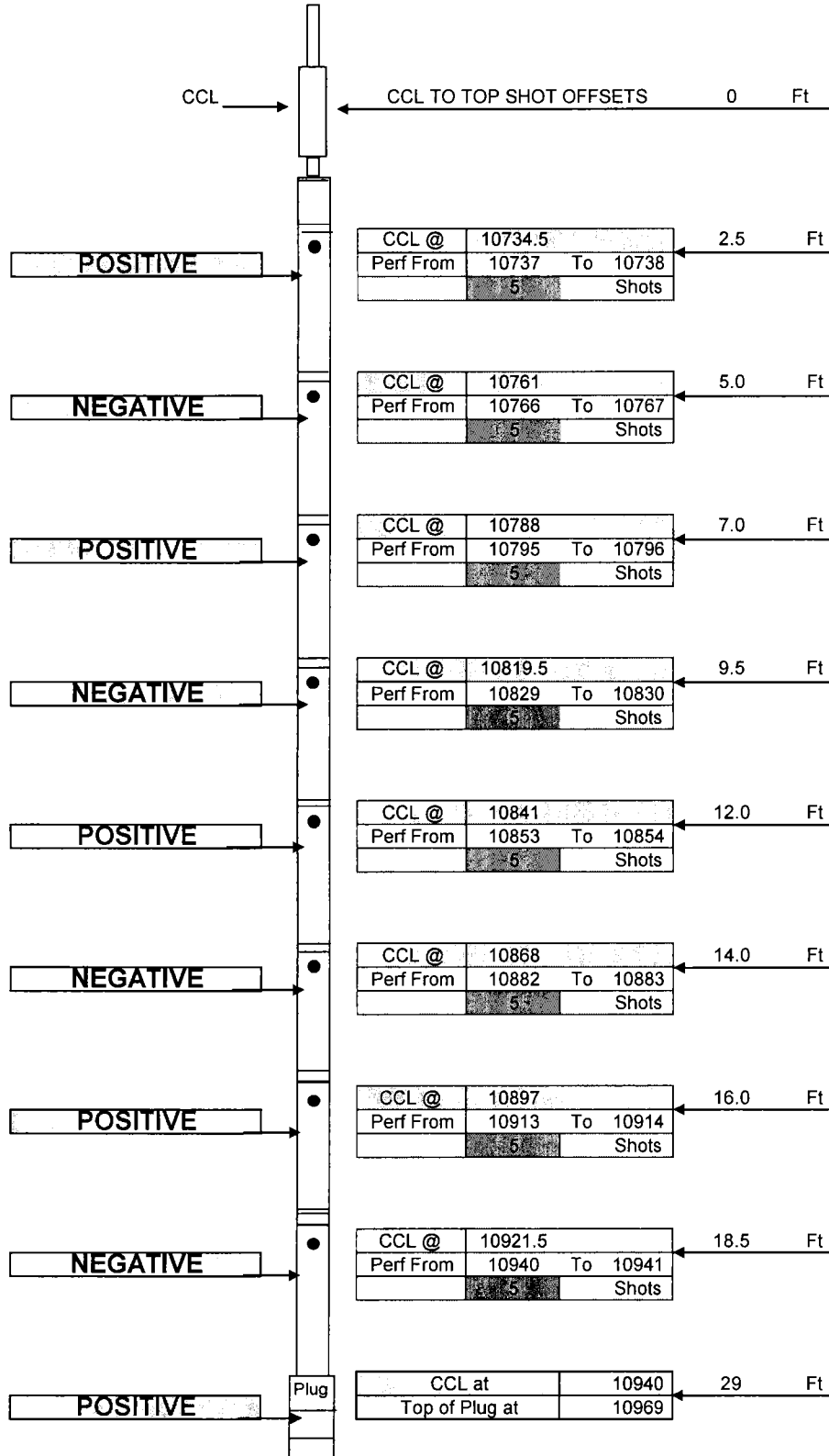
Top of bottom set of perforations at 11259



Perforation Schematic

Company	CHESAPEAKE ENERGY
Well Name	State 10-67 36 1H
Stage #	4
Run #	1
Supervisor	Sam Hopper
Date / Time	8/12/11 8:00 AM
Location	1
Weather	1
Wind Direc.	1

Cert. #	4459
Pattern	60
EHD	0.47
Penetration	36"
Total Lbs	
Max lbs/delay	
Method of Fire	Elec
Distance / Structure	N/A
Seismograph	No



40	Total Shots
8.8	Total Feet

Short Joint @ 7112 - 7133

Depth	Degrees
7220	10
7310	20
7580	30
7690	40
7790	50
7900	60
7980	70
7125	80
8200	90

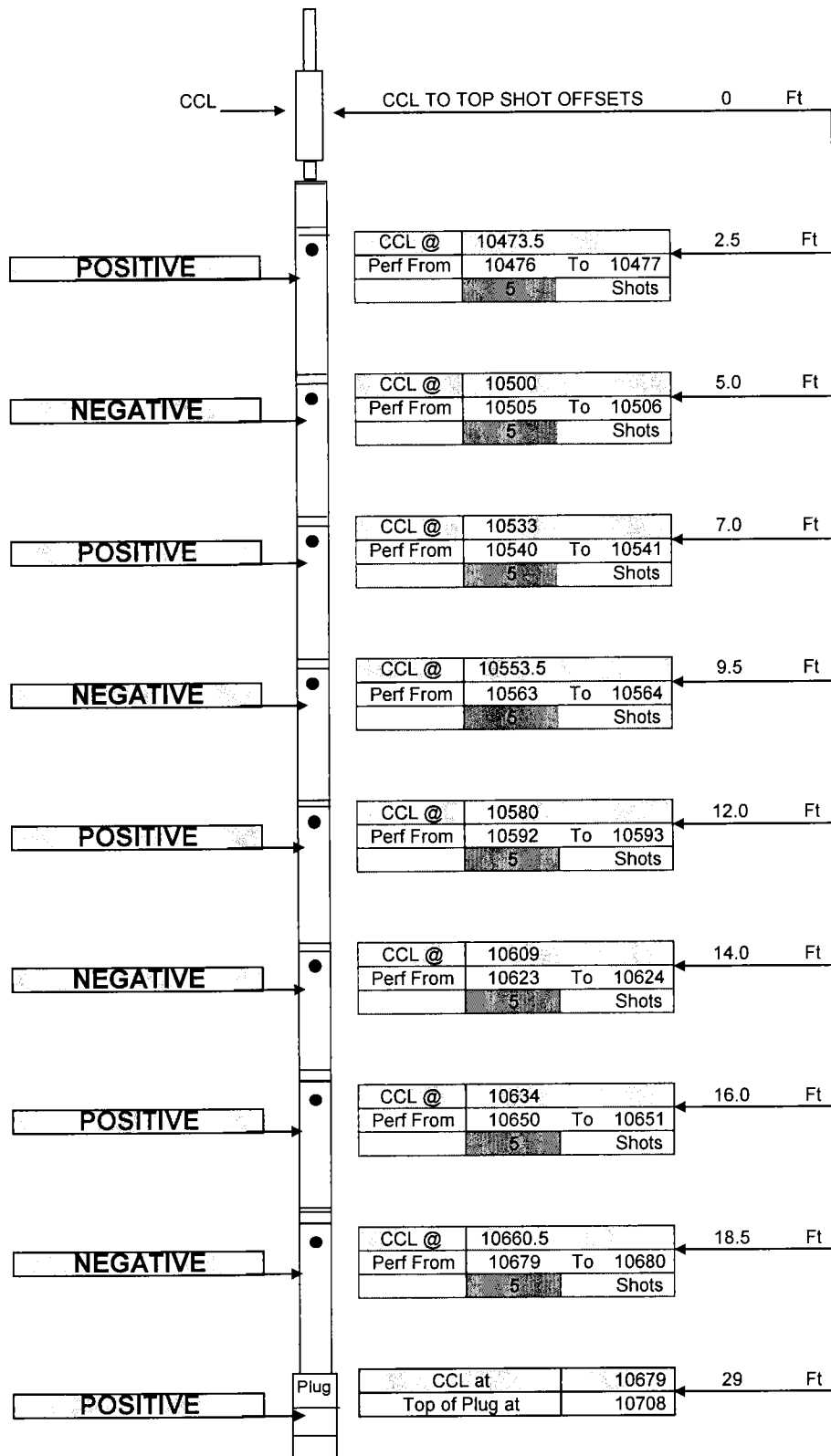
Top of bottom set of perforations at 10998



Perforation Schematic

Company	CHESAPEAKE ENERGY
Well Name	State 10-67 36 1H
Stage #	5
Run #	1
Supervisor	Sam Hopper
Date / Time	8/12/11 12:00 PM
Location	1
Weather	1
Wind Direc.	1

Cert. #	4459
Pattern	60
EHD	0.47
Penetration	36"
Total Lbs	
Max lbs/delay	
Method of Fire	Elec
Distance / Structure	N/A
Seismograph	No



40	Total Shots
8.8	Total Feet

Short Joint @ 7112 - 7133

Depth	Degrees
7220	10

7310	20
------	----

7580	30
------	----

7690	40
------	----

7790	50
------	----

7900	60
------	----

7980	70
------	----

7125	80
------	----

8200	90
------	----

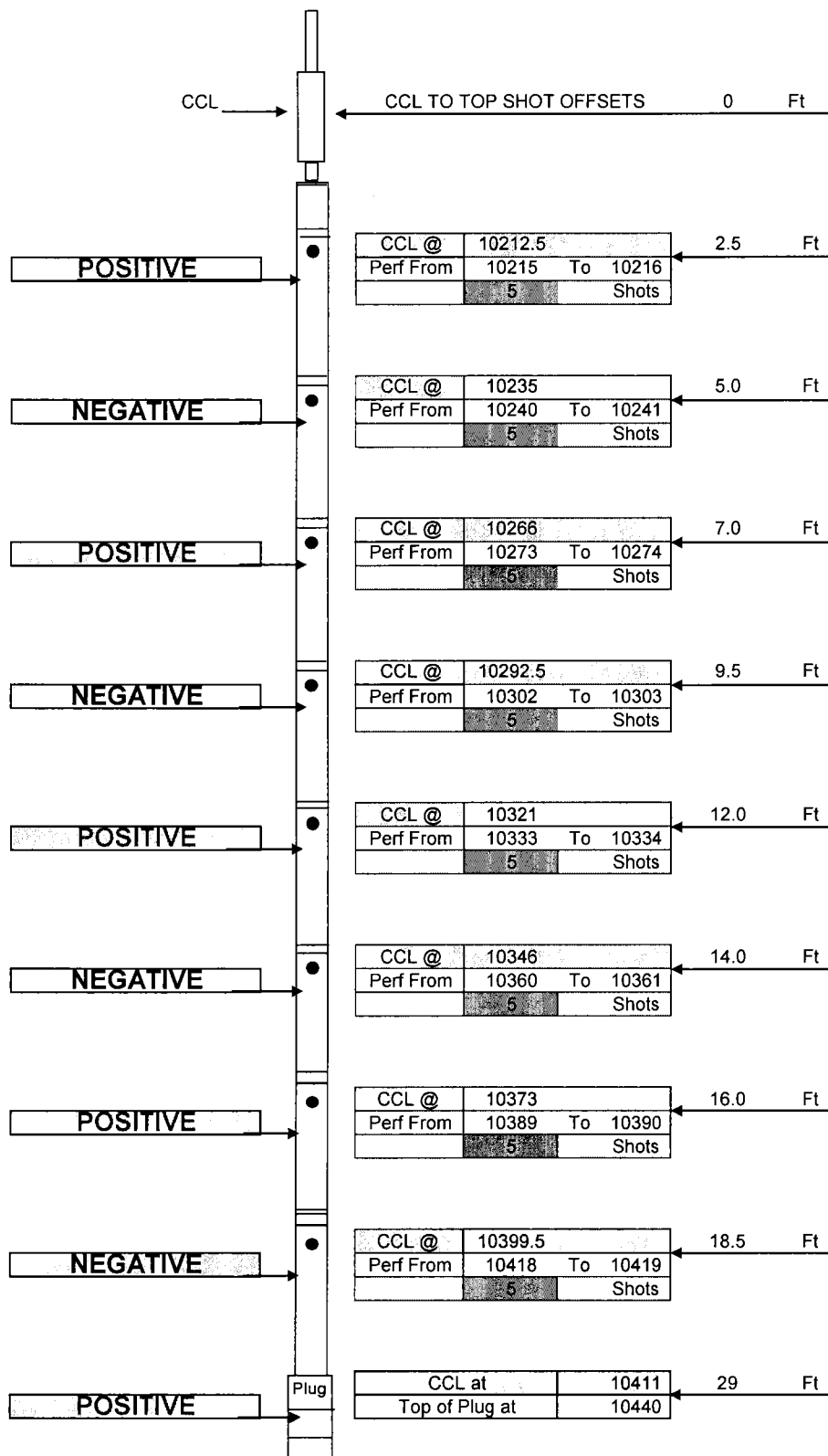
Top of bottom set of perforations at 10737



Perforation Schematic

Company	CHESAPEAKE ENERGY
Well Name	State 10-67 36 1H
Stage #	6
Run #	1
Supervisor	Sam Hopper
Date / Time	8/12/11 4:00 PM
Location	1
Weather	1
Wind Direc.	1

Cert. #	4459
Pattern	60
EHD	0.47
Penetration	36"
Total Lbs	
Max lbs/delay	
Method of Fire	Elec
Distance / Structure	N/A
Seismograph	No



40	Total Shots
8.8	Total Feet

Short Joint @ 7112 - 7133

Depth	Degrees
7220	10

7310	20
------	----

7580	30
------	----

7690	40
------	----

7790	50
------	----

7900	60
------	----

7980	70
------	----

7125	80
------	----

8200	90
------	----

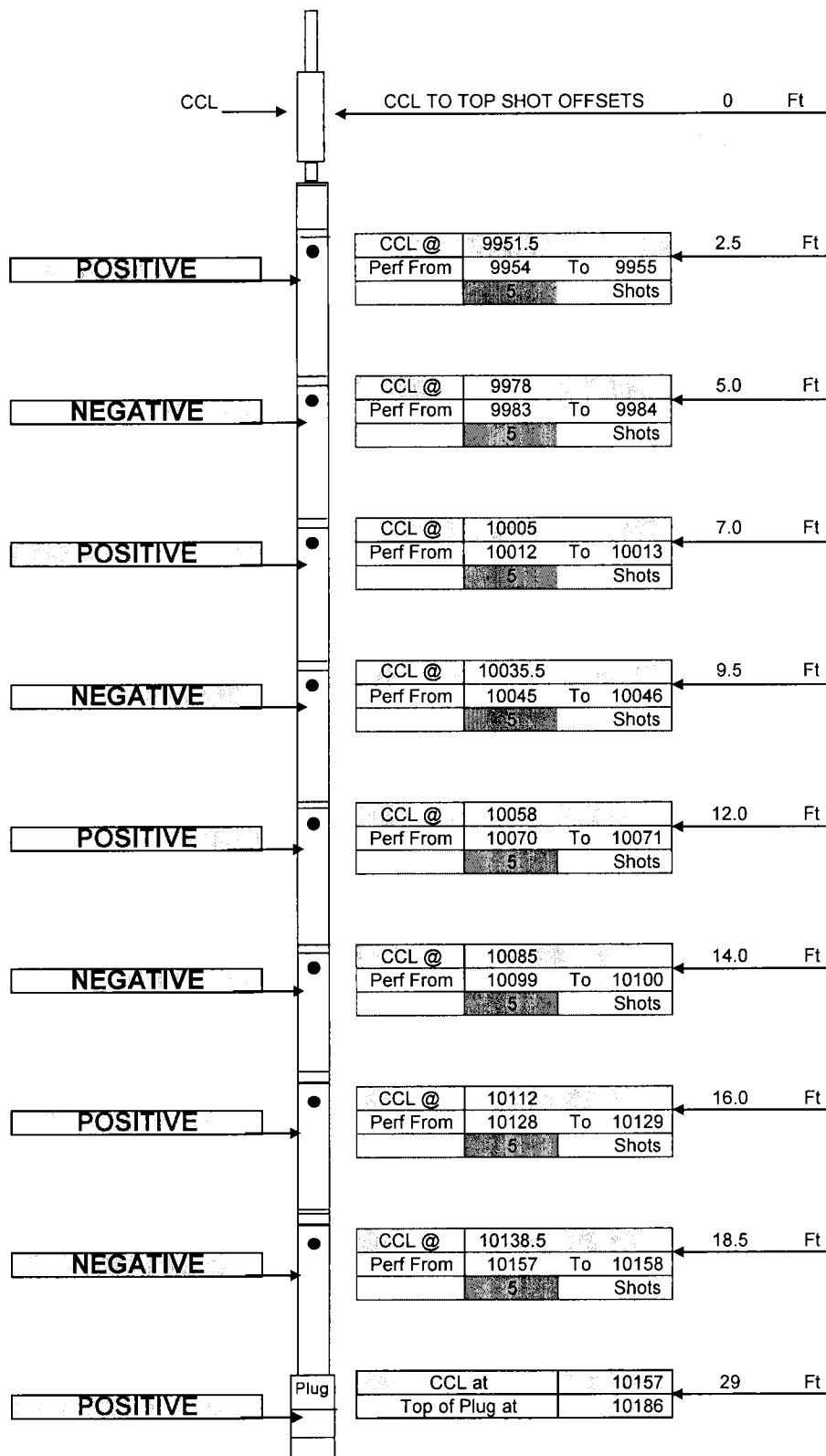
Top of bottom set of perforations at 10476



Perforation Schematic

Company	CHESAPEAKE ENERGY
Well Name	State 10-67 36 1H
Stage #	7
Run #	1
Supervisor	Sam Hopper
Date / Time	8/13/11 8:00 AM
Location	1
Weather	1
Wind Direc.	1

Cert. #	4459
Pattern	60
EHD	0.47
Penetration	36"
Total Lbs	
Max lbs/delay	
Method of Fire	Elec
Distance / Structure	N/A
Seismograph	No



40	Total Shots
8.8	Total Feet

Short Joint @ 7112 - 7133

Depth	Degrees
7220	10
7310	20
7580	30
7690	40
7790	50
7900	60
7980	70
7125	80
8200	90

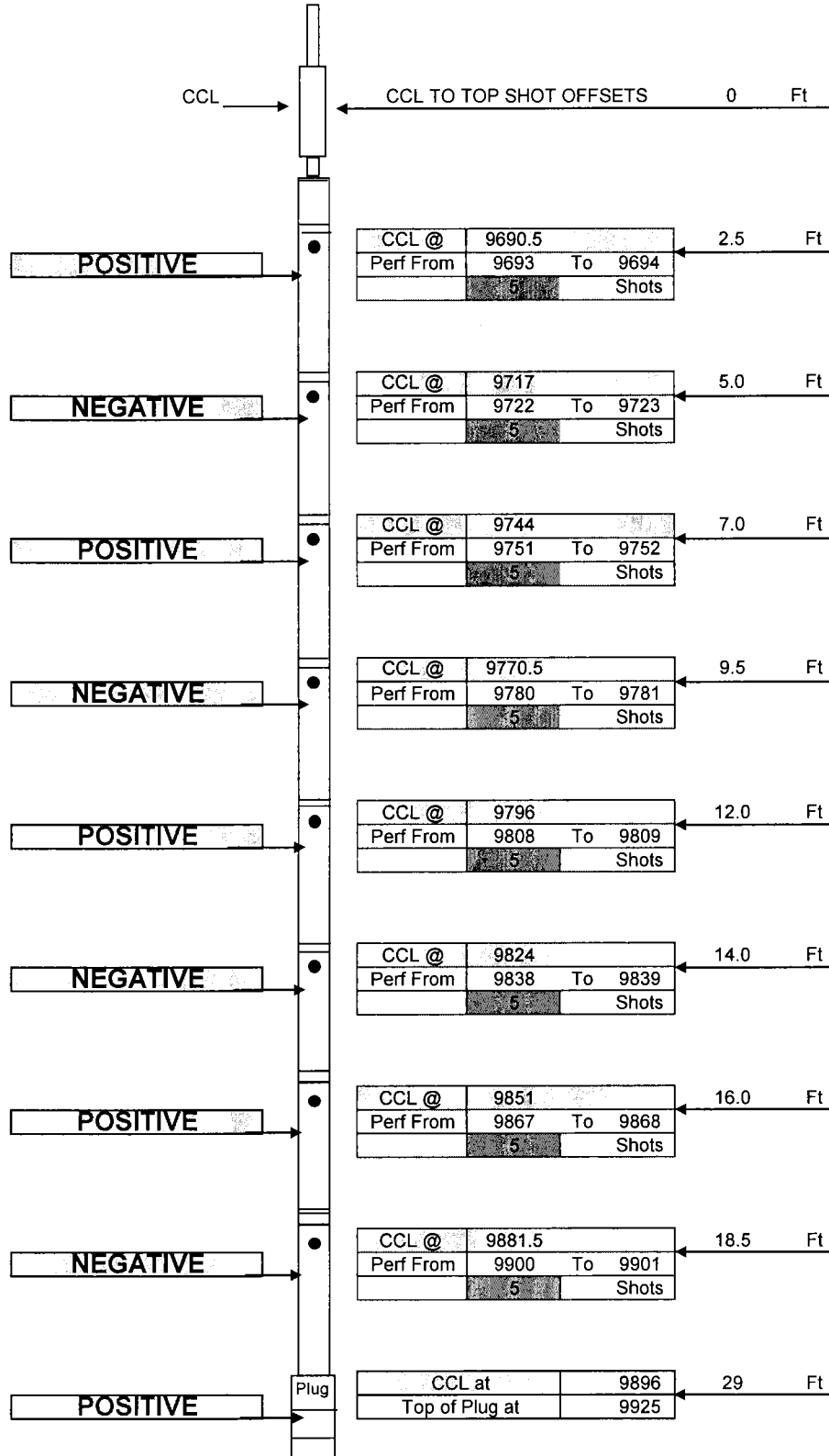
Top of bottom set of perforations at 10215



Perforation Schematic

Company	CHESAPEAKE ENERGY
Well Name	State 10-67 36 1H
Stage #	8
Run #	1
Supervisor	Sam Hopper
Date / Time	8/13/11 12:00 PM
Location	1
Weather	1
Wind Direc.	1

Cert. #	4459
Pattern	60
EHD	0.47
Penetration	36"
Total Lbs	
Max lbs/delay	
Method of Fire	Elec
Distance / Structure	N/A
Seismograph	No



40	Total Shots
8.8	Total Feet

Short Joint @ 7112 - 7133

Depth	Degrees
7220	10
7310	20
7580	30
7690	40
7790	50
7900	60
7980	70
7125	80
8200	90

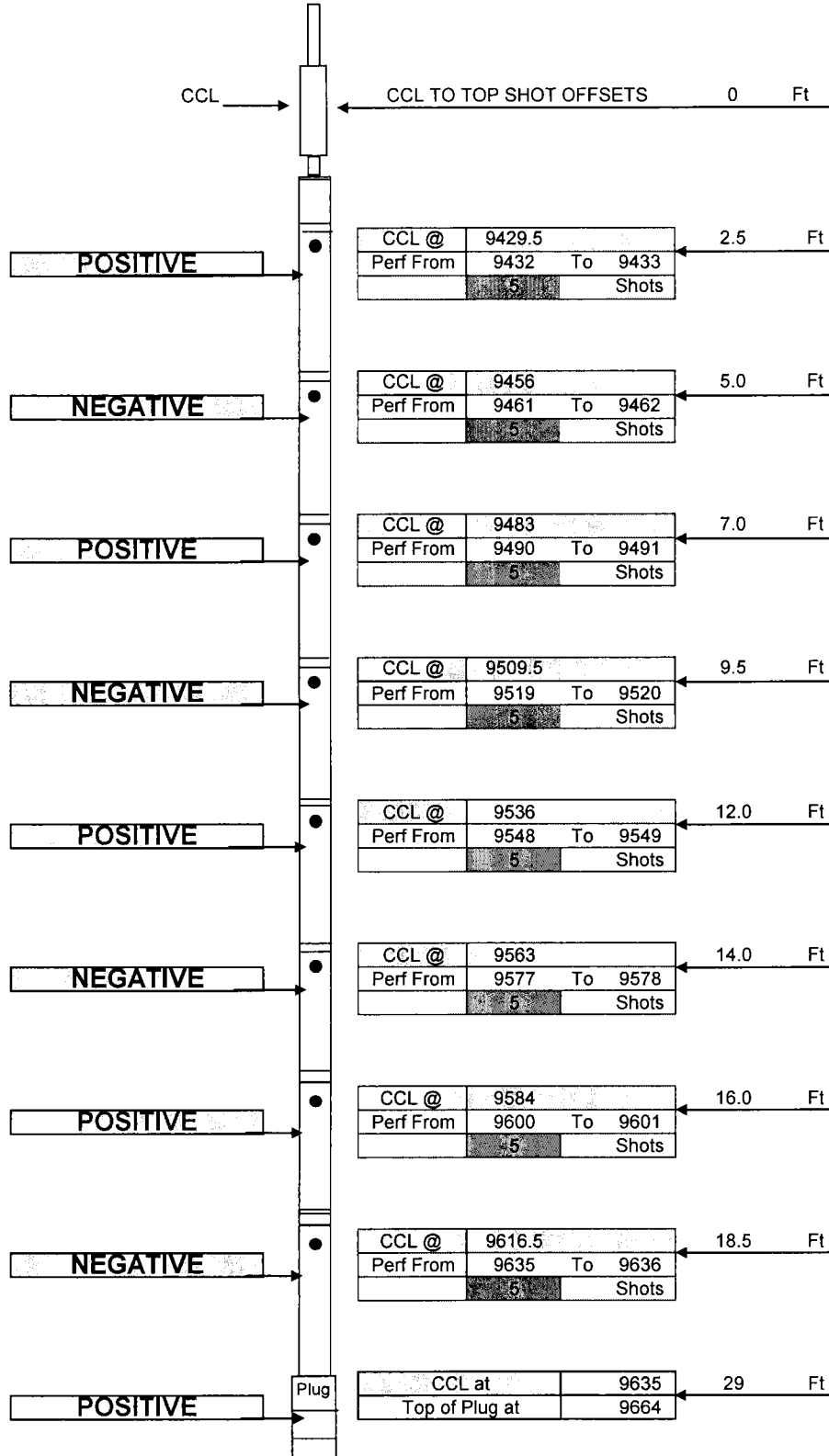
Top of bottom set of perforations at 9954



Perforation Schematic

Company	CHESAPEAKE ENERGY
Well Name	State 10-67 36 1H
Stage #	9
Run #	1
Supervisor	Sam Hopper
Date / Time	8/13/11 3:00 PM
Location	1
Weather	1
Wind Direc.	1

Cert. #	4459
Pattern	60
EHD	0.47
Penetration	36"
Total Lbs	
Max lbs/delay	
Method of Fire	Elec
Distance / Structure	N/A
Seismograph	No



40	Total Shots
8.8	Total Feet

Short Joint @ 7112 - 7133

Depth	Degrees
7220	10
7310	20
7580	30
7690	40
7790	50
7900	60
7980	70
7125	80
8200	90

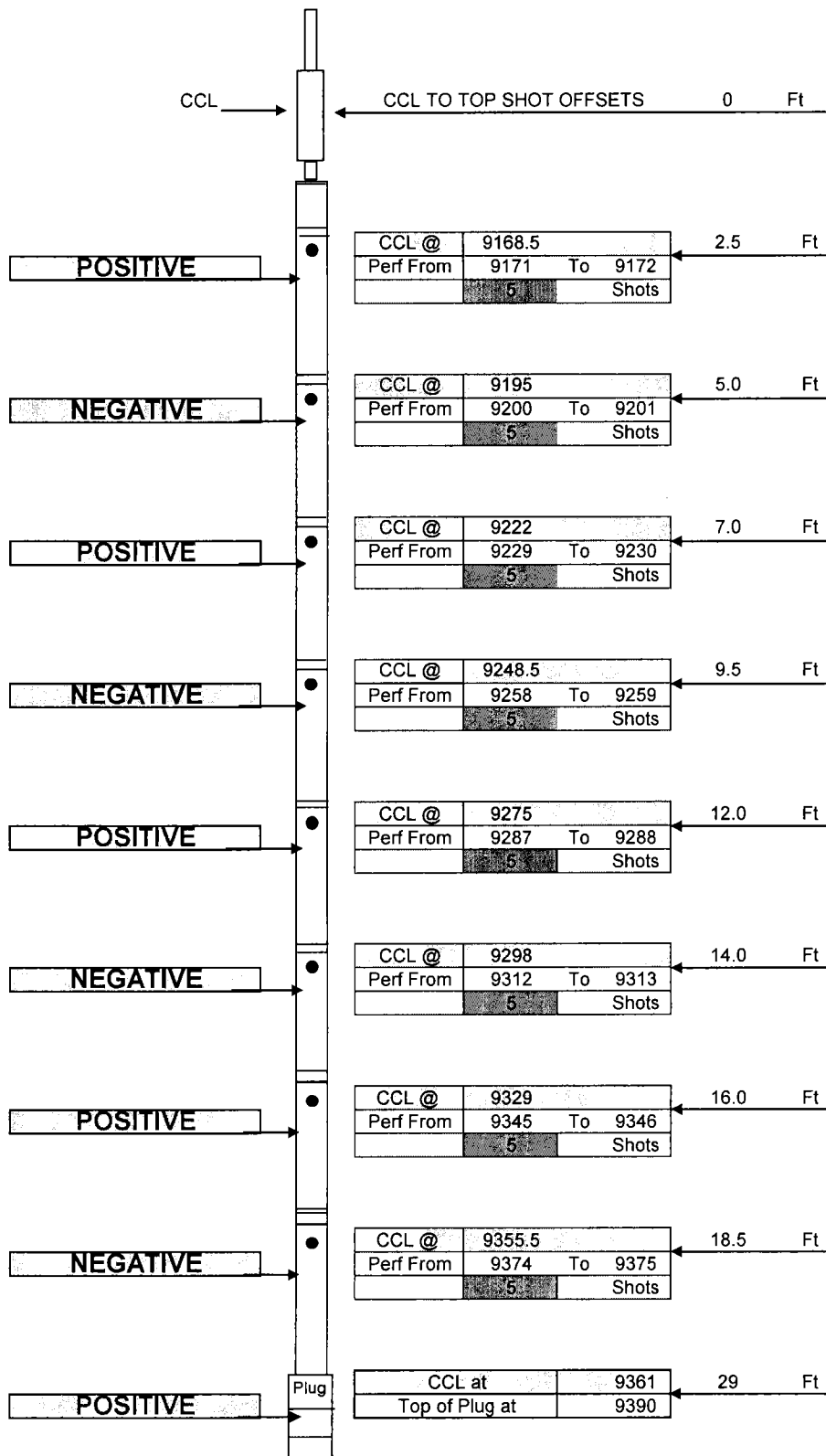
Top of bottom set of perforations at 9693



Perforation Schematic

Company	CHESAPEAKE ENERGY
Well Name	State 10-67 36 1H
Stage #	10
Run #	1
Supervisor	Sam Wappler
Date / Time	8/14/11 8:00 AM
Location	1
Weather	1
Wind Direc.	1

Cert. #	4459
Pattern	60
EHD	0.47
Penetration	36"
Total Lbs	
Max lbs/delay	
Method of Fire	Elec
Distance / Structure	N/A
Seismograph	No



40	Total Shots
8.8	Total Feet

Short Joint @ 7112 - 7133

Depth	Degrees
7220	10

7310	20
------	----

7580	30
------	----

7690	40
------	----

7790	50
------	----

7900	60
------	----

7980	70
------	----

7125	80
------	----

8200	90
------	----

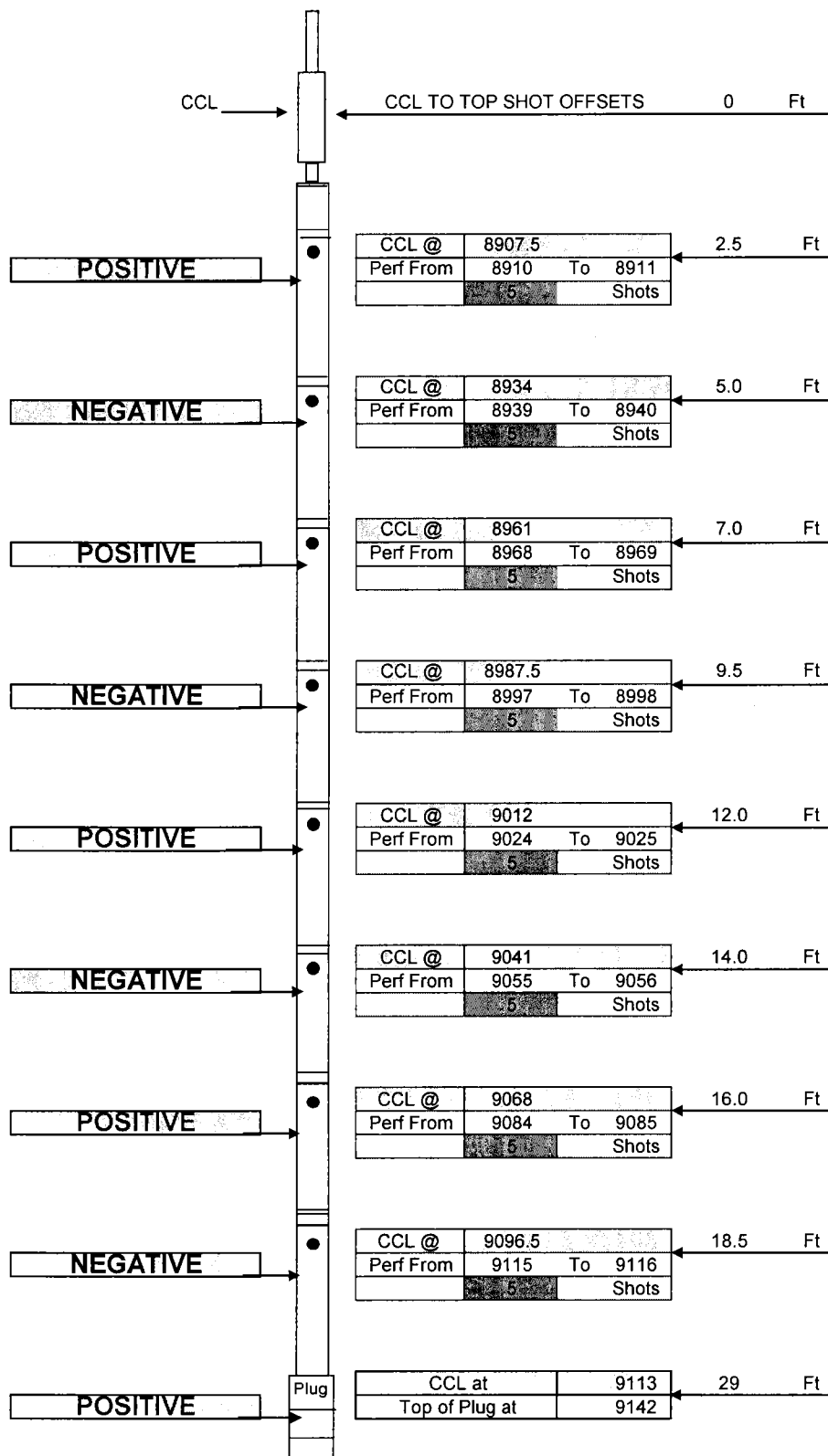
Top of bottom set of perforations at 9432



Perforation Schematic

Company	CHESAPEAKE ENERGY
Well Name	State 10-67 36 1H
Stage #	11
Run #	1
Supervisor	Sam Hopper
Date / Time	8/14/11 12:00 PM
Location	1
Weather	1
Wind Direc.	1

Cert. #	4459
Pattern	60
EHD	0.47
Penetration	36"
Total Lbs	
Max lbs/delay	
Method of Fire	Elec
Distance / Structure	N/A
Seismograph	No



40	Total Shots
8.8	Total Feet

Short Joint @ 7112 - 7133

Depth	Degrees
7220	10

7310	20
------	----

7580	30
------	----

7690	40
------	----

7790	50
------	----

7900	60
------	----

7980	70
------	----

7125	80
------	----

8200	90
------	----

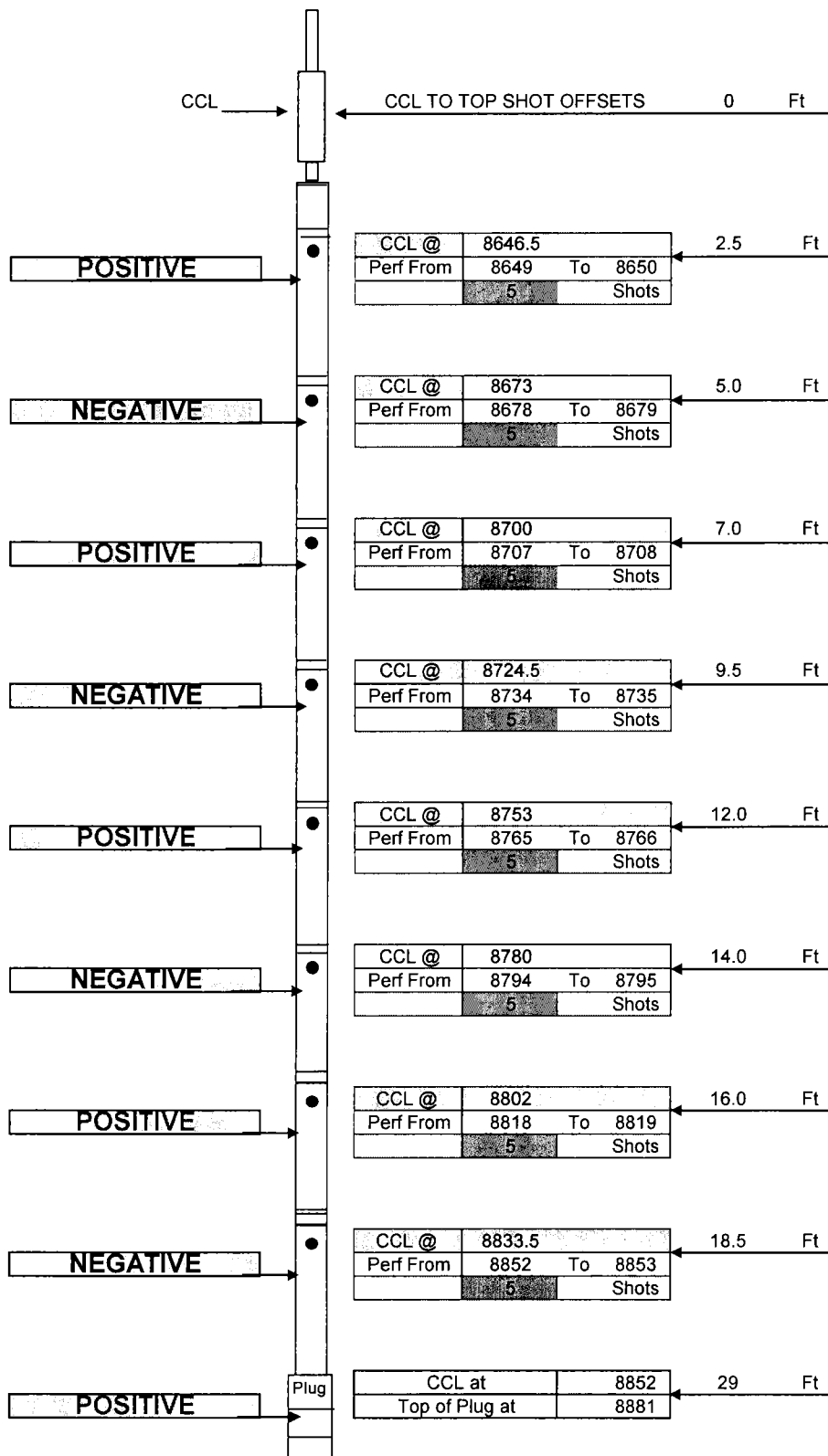
Top of bottom set of perforations at 9171



Perforation Schematic

Company	CHESAPEAKE ENERGY
Well Name	State 10-67 36 1H
Stage #	12
Run #	1
Supervisor	Sam Hopper
Date / Time	8/14/11 3:00 PM
Location	1
Weather	1
Wind Direc.	1

Cert. #	4459
Pattern	60
EHD	0.47
Penetration	36"
Total Lbs	
Max lbs/delay	
Method of Fire	Elec
Distance / Structure	N/A
Seismograph	No



40	Total Shots
8.8	Total Feet

Short Joint @ 7112 - 7133

Depth	Degrees
7220	10
7310	20
7580	30
7690	40
7790	50
7900	60
7980	70
7125	80
8200	90

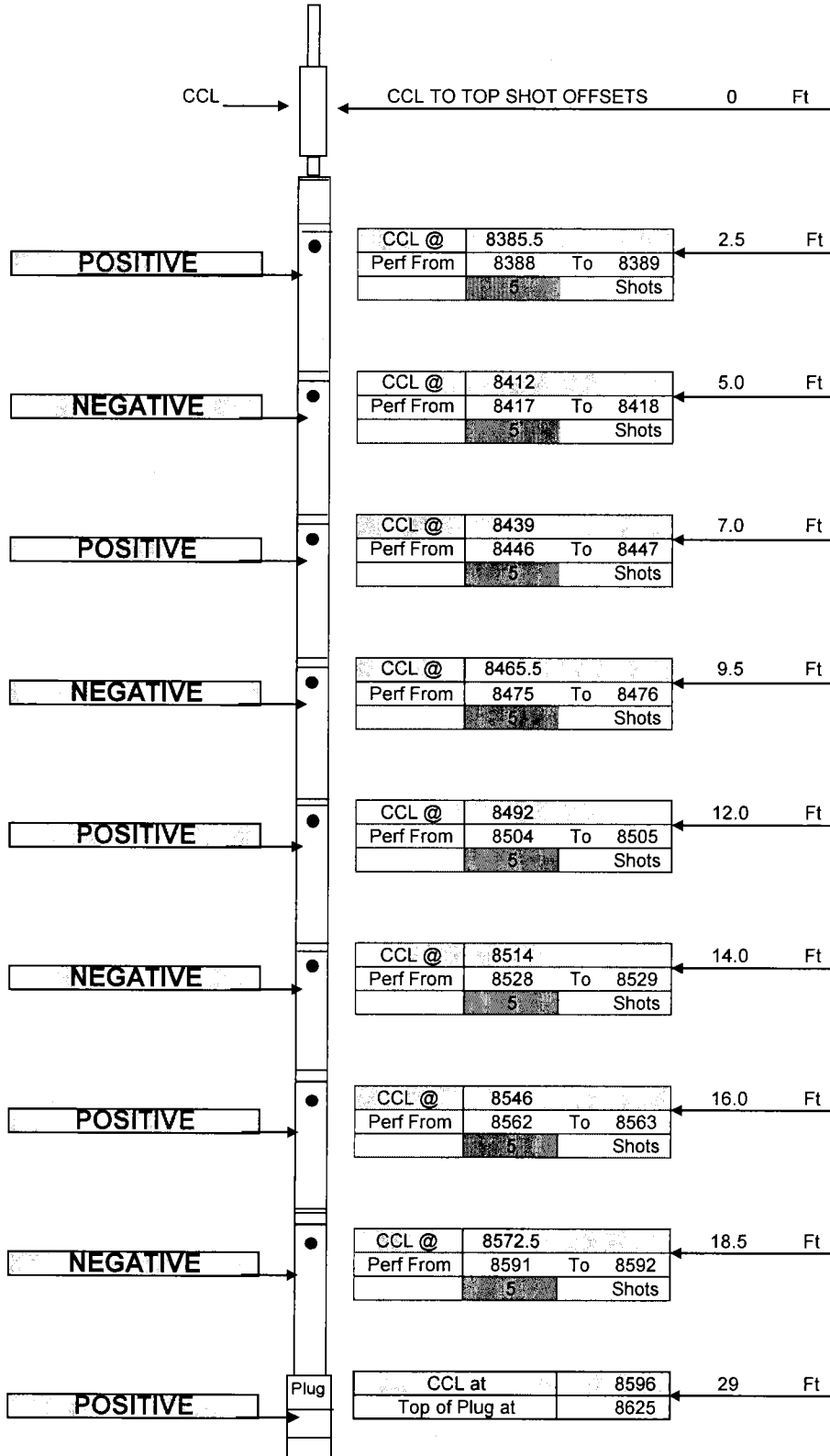
Top of bottom set of perforations at 8910



Perforation Schematic

Company	CHESAPEAKE ENERGY
Well Name	State 10-67 36 1H
Stage #	13
Run #	1
Supervisor	Sam Hopper
Date / Time	8/14/11 7:00 PM
Location	1
Weather	1
Wind Direc.	1

Cert. #	4459
Pattern	60
EHD	0.47
Penetration	36"
Total Lbs	
Max lbs/delay	
Method of Fire	Elec
Distance / Structure	N/A
Seismograph	No



40	Total Shots
8.8	Total Feet

Short Joint @ 7112 - 7133

Depth	Degrees
7220	10
7310	20
7580	30
7690	40
7790	50
7900	60
7980	70
7125	80
8200	90

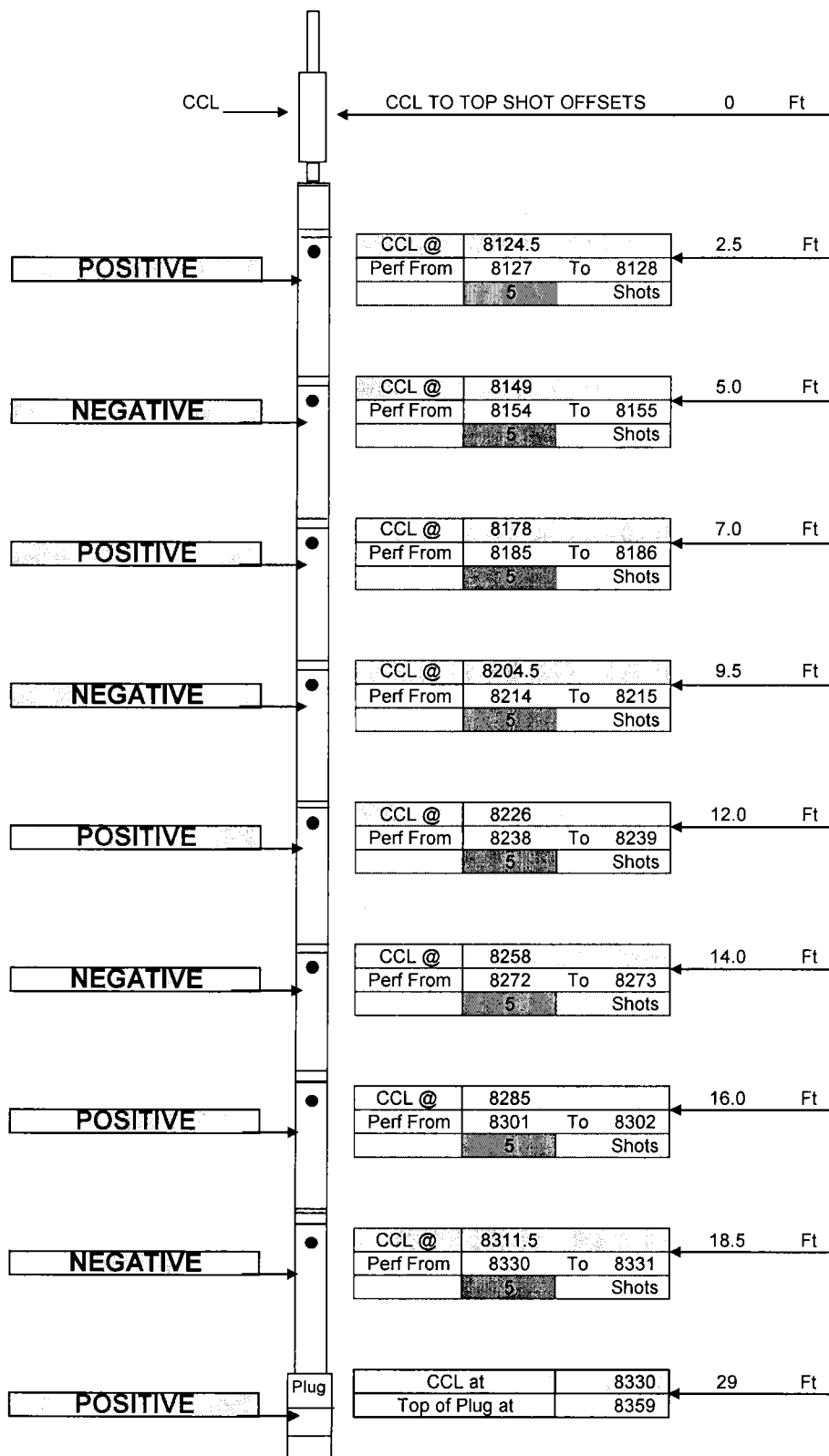
Top of bottom set of perforations at 8649



Perforation Schematic

Company	CHESAPEAKE ENERGY
Well Name	State 10-67 36 1H
Stage #	14
Run #	1
Supervisor	Sam Hopper
Date / Time	8/15/11 8:00 AM
Location	1
Weather	1
Wind Direc.	1

Cert. #	4459
Pattern	60
EHD	0.47
Penetration	36"
Total Lbs	
Max lbs/delay	
Method of Fire	Elec
Distance / Structure	N/A
Seismograph	No



40	Total Shots
8.8	Total Feet

Short Joint @ 7112 - 7133

Depth	Degrees
7220	10
7310	20
7580	30
7690	40
7790	50
7900	60
7980	70
7125	80
8200	90

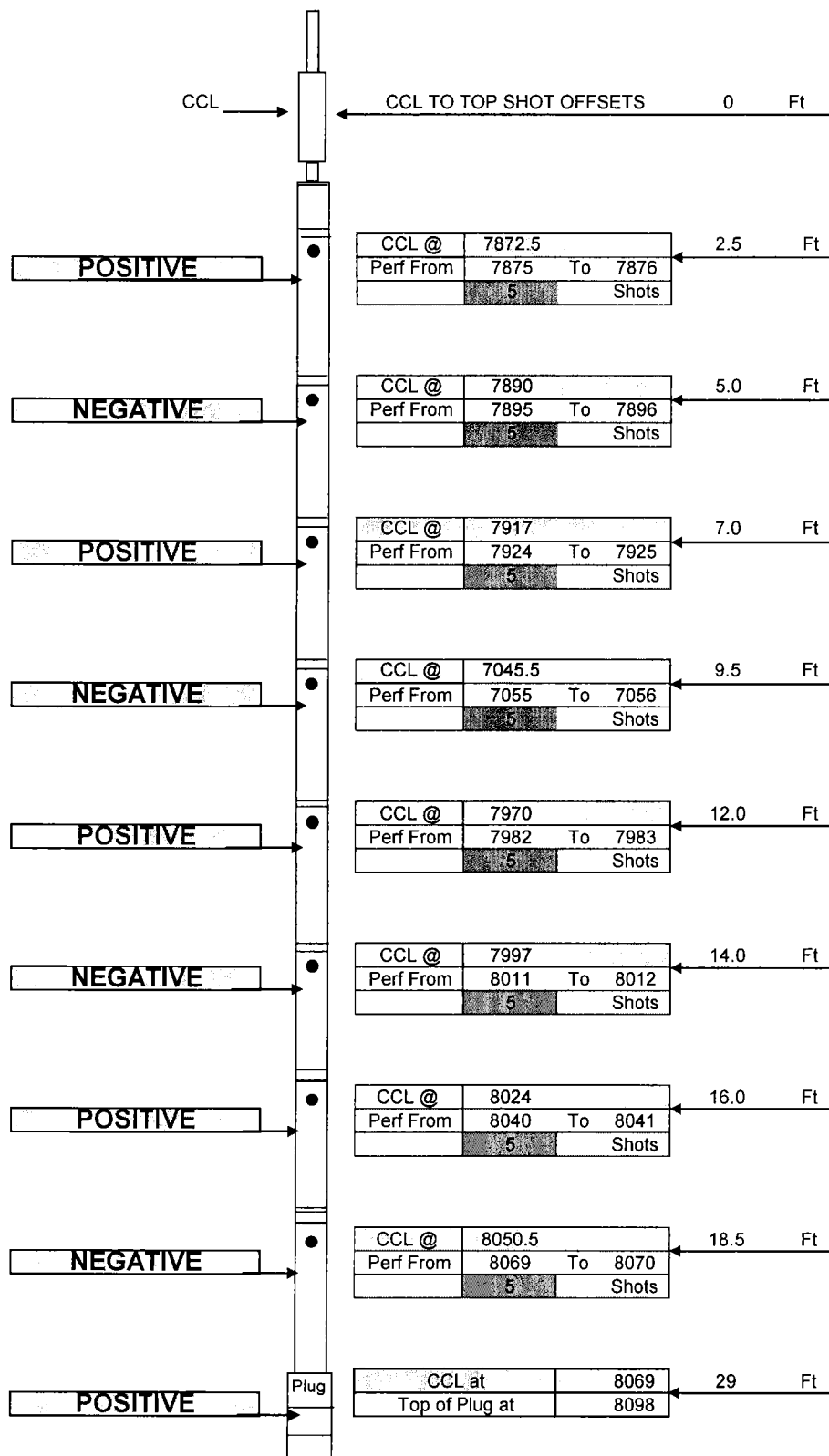
Top of bottom set of perforations at 8388



Perforation Schematic

Company	CHESAPEAKE ENERGY
Well Name	State 10-67 36 1H
Stage #	15
Run #	1
Supervisor	Sam Hopper
Date / Time	8/15/11 11:00 AM
Location	1
Weather	1
Wind Direc.	1

Cert. #	4459
Pattern	60
EHD	0.47
Penetration	36"
Total Lbs	
Max lbs/delay	
Method of Fire	Elec
Distance / Structure	N/A
Seismograph	No



40	Total Shots
8.8	Total Feet

Short Joint @ 7112 - 7133

Depth	Degrees
7220	10
7310	20
7580	30
7690	40
7790	50
7900	60
7980	70
7125	80
8200	90

Top of bottom set of perforations at 8127