

CASCADE DRILLING, L.P.

LEADERS IN SAFETY

Job Name 131 Sunnyside Blvd
Job Number 115-15-3737
Location Plainview, NY

Well Name PW 15
Driller Denzil Roberts (Cascade)
Helper _____
Date Installed 1/13/15

Type of Well:

- ☒ Water Table Observation
☐ Piezometer
☐ Other _____

A. Height of Well Casing above ground _____ ft.

B. Diameter of Well Casing
2 in. PVC Sch 40

C. Surface Seal Bottom
88 ft.

D. Well Casing: Flush Threaded PVC
2 Schedule 40
☐ Schedule 80
☐ Other _____

E. Bentonite Seal Top 98 ft.

F. Fine Sand Top 92 ft.

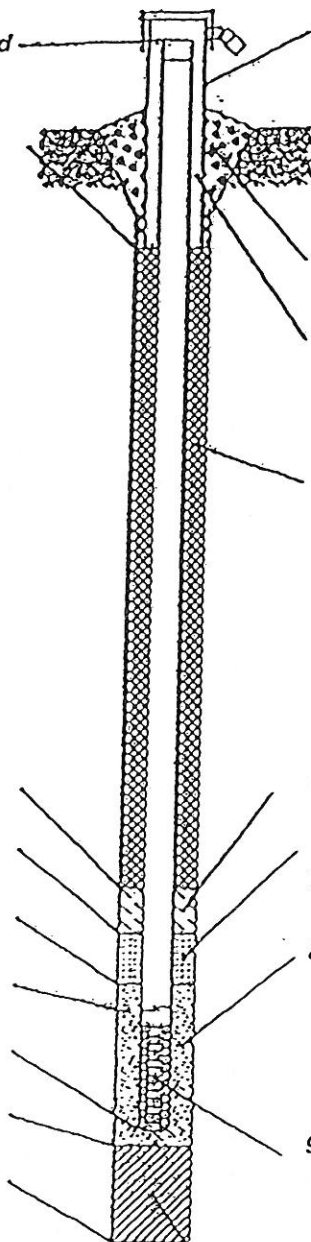
G. Filter Pack Top 94 ft.

H. Screen Joint Top 96 ft.

I. Well Bottom 106 ft.

J. Filter Pack Bottom 107 ft.

K. Borehole Bottom 115 ft.



1. Locking Cap? ☒ Yes ☐ No

2. Protective Cover: a. Inside diam. 6 in.
b. Length _____ ft.
c. Material ☒ Steel
☐ Other _____
d. Bumper Post N/A qty
_____ 3" _____ 4"

3. Surface Seal: ☒ Bentonite
☒ Concrete
☐ Other _____

4. Material between Casing and Protop: _____
☐ Bentonite
☐ Other _____

5. Annular Space Seal: _____
☐ Granular Bentonite
☐ Bentonite Slurry
☒ Cement-Bentonite Grout
☐ Other _____

How Installed: ☒ Gravity
☐ Tremie Pumped

6. Bentonite Seal: ☒ Granules
☐ Pellets

7. Type of Fine Sand: 00

8. Type of Filter Pack: 0

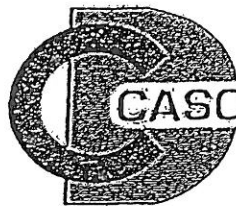
9. Screen Material: Type: ☒ Factory Cut
☐ Continuous Slot
Slot Size: 10 in.
Length: 10 ft.

10. Backfill Material: (Below filter pack)
115-107 None
sand 107-106 Other Bentonite

DAVID FOSTER
(ARCADIS)

OK

[Signature]



CASCADE DRILLING, L.P.

LEADERS IN SAFETY

Job Name 131 SUNNYSIDE BLVD.
Job Number 115-15-3738
Location PLAINVIEW, NY

Well Name PW-16
Driller Denzil Roberts (Cascade)
Helper _____
Date Installed 1-14-15-3738

Type of Well:

- ☒ Water Table Observation
☐ Piezometer
☐ Other _____

A. Height of Well Casing above ground _____ ft.

B. Diameter of Well Casing
2 in. PVC sch 40

C. Surface Seal Bottom
_____ ft.

D. Well Casing: Flush Threaded PVC
☒ Schedule 40
☐ Schedule 80
☐ Other _____

E. Bentonite Seal Top 74 ft.

F. Fine Sand Top 78 ft.

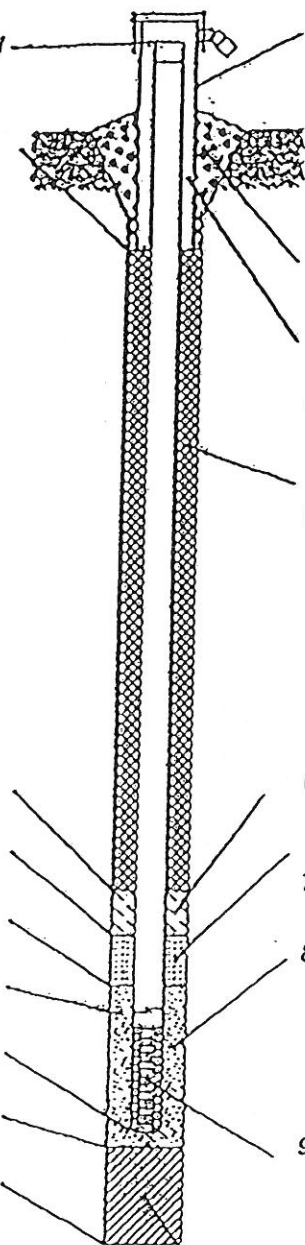
G. Filter Pack Top 20' ft.

H. Screen Joint Top 82 ft.

I. Well Bottom 92 ft.

J. Filter Pack Bottom 93' ft.

K. Borehole Bottom 116' ft.



1. Locking Cap? ☒ Yes ☐ No

2. Protective Cover: Flush Mount
a. Inside diam. 6 in.
b. Length _____ ft.
c. Material ☒ Steel ☐ Other _____
d. Bumper Post N/A qty _____
_____ 3" _____ 4"

3. Surface Seal: ☒ Bentonite ☐ Concrete ☐ Other _____

4. Material between Casing and Protop: _____
☐ Bentonite
☐ Other _____

5. Annular Space Seal: _____
☐ Granular Bentonite
☐ Bentonite Slurry
☒ Cement-Bentonite Grout
☐ Other _____

How Installed: ☒ Gravity ☐ Tremie Pumped

6. Bentonite Seal: ☒ Granules ☐ Pellets

7. Type of Fine Sand: 00

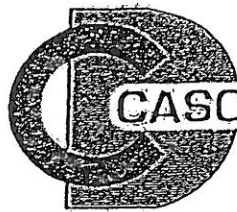
8. Type of Filter Pack: 00

9. Screen Material: Type: ☒ Factory Cut ☐ Continuous Slot
Slot Size: 10 in.
Length: 10 ft.

10. Backfill Material: (Below filter pack)
_____ None
_____ Other 116' 93'
Bentonite chip

DAVID FOSTER
(ARCADIS)

OK
[Signature]



CASCADE DRILLING, L.P.

LEADERS IN SAFETY

Job Name 131 SUNNYSIDE BLVD
Job Number 115-15-3738
Location Plainville, NY

Well Name PW17
Driller Denzil Roberts (Cascade)
Helper _____
Date Installed 1/13/15

Type of Well:

- ☒ Water Table Observation
☐ Piezometer
☐ Other _____

A. Height of Well Casing above ground _____ ft.

B. Diameter of Well Casing

2 in. PVC
Sch 40

C. Surface Seal Bottom

88 ft.

D. Well Casing: Flush Threaded PVC

- ☒ Schedule 40
☐ Schedule 80
☐ Other _____

E. Bentonite Seal Top 88 ft.

F. Fine Sand Top 92 ft.

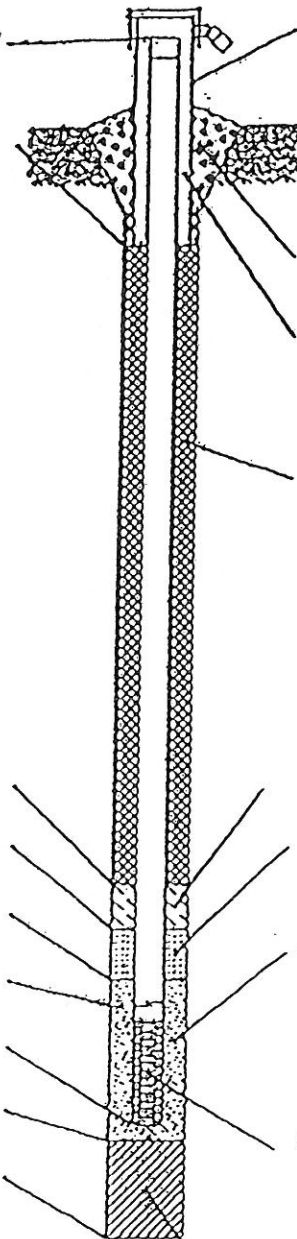
G. Filter Pack Top 94 ft.

H. Screen Joint Top 96 ft.

I. Well Bottom 106 ft.

J. Filter Pack Bottom 107 ft.

K. Borehole Bottom 116 ft.



1. Locking Cap? ☒ Yes ☐ No

2. Protective Cover:

a. Inside diam. 6 in.

b. Length _____ ft.

c. Material

☒ Steel

☐ Other _____

d. Bumper Post _____ qty

3" 4"

3. Surface Seal:

☒ Bentonite

☐ Concrete

☐ Other _____

4. Material between Casing and Protap:

☐ Bentonite

☐ Other _____

5. Annular Space Seal:

☐ Granular Bentonite

☐ Bentonite Slurry

☒ Cement-Bentonite Grout

☐ Other _____

How Installed:

☒ Gravity

☐ Tremie Pumped

6. Bentonite Seal:

☒ Granules

☐ Pellets

7. Type of Fine Sand:

00

8. Type of Filter Pack:

0

9. Screen Material:

Type: ☒ Factory Cut

☐ Continuous Slot

Slot Size: .10 in.

Length: 10 ft.

10. Backfill Material: (Below filter pack)

☐ None

☐ Other

Bentonite
Chips

DAVID FOSTER
(ARCADIS)

O.K.

[Signature]