



# RAILROAD COMMISSION OF TEXAS

1701 N. Congress  
P.O. Box 12967  
Austin, Texas 78701-2967

Form W-15

Rev. 08/2014

## CEMENTING REPORT

Cementer: Fill in shaded areas.  
Operator: Fill in other items.

### OPERATOR INFORMATION

Operator Name: Pioneer Natural Res. USA, Inc  
Cementer Name: Schlumberger

Operator P-5 No.: 665748  
Cementer P-5 No.: 754900

### WELL INFORMATION

District No.: 08  
Well No.: 22H  
Lease Name: University 7-43  
Field Name: Spraberry (Trend Area)

County: ANDREWS  
API No.: 4200346352  
Lease No.: 40932  
Drilling Permit No.: 787468  
Field No.: 85280300

### I. CASING CEMENTING DATA

Type of casing: ☐ Conductor ☐ Surface ☐ Intermediate ☐ Liner ☐ Production

Drilled hole size (in.): Depth of drilled hole (ft.): Est. % wash-out or hole enlargement:

Size of casing in O.D. (in.): Casing weight (lbs/ft) and grade: No. of centralizers used:

Was cement circulated to ground surface (or bottom of cellar) outside casing? ☐ YES ☐ NO If no for surface casing, explain in Remarks. Setting depth shoe (ft.): Top of liner (ft.):  
Setting depth liner (ft.):

Hrs. waiting on cement before drill-out: Calculated top of cement (ft.): Cementing date:

#### SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total					

### II. CASING CEMENTING DATA

Type of casing: ☐ Surface ☐ Intermediate ☐ Production ☐ Tapered production ☒ Multi-stage cement shoe ☐ Multiple parallel strings

Drilled hole size (in.): 12 1/4" Depth of drilled hole (ft.): 8140' Est. % wash-out or hole enlargement: 125%

Size of casing in O.D. (in.): 9 5/8" Casing weight (lbs/ft) and grade: 43.5 L80 No. of centralizers used: 35

Tapered string drilled hole size (in.): Tapered string depth of drilled hole (ft.)

Upper: Lower: Upper: Lower:

Tapered string size of casing in O.D. (in.): Tapered string casing weight (lbs/ft) and grade Tapered string no. of centralizers used

Upper: Lower: Upper: Lower: Upper: Lower:

Was cement circulated to ground surface (or bottom of cellar) outside casing? ☐ YES ☒ NO Setting depth shoe (ft.): 8140'

Hrs. waiting on cement before drill-out: 12 Calculated top of cement (ft.): 6893 Cementing date: 12/23/14

#### SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	220	TXI	REMARKS	691	1036
2	140	TXI	REMARKS	232	300
3					
Total	360			923	1336

### III. CASING CEMENTING DATA

Type of casing: ☐ Surface ☐ Intermediate ☐ Production ☐ Tapered production ☒ Multi-stage cement/DV tool ☐ Multiple parallel strings

Drilled hole size (in.): 12 1/4" Depth of drilled hole (ft.): 8140' Est. % wash-out or hole enlargement: 125%

Size of casing in O.D. (in.): 9 5/8" Casing weight (lbs/ft) and grade: 43.5 L80 No. of centralizers used: 35

Tapered string drilled hole size (in.): Tapered string depth of drilled hole (ft.)

Upper: Lower: Upper: Lower:

Tapered string size of casing in O.D. (in.): Tapered string casing weight (lbs/ft) and grade Tapered string no. of centralizers used

Upper: Lower: Upper: Lower: Upper: Lower:

Was cement circulated to ground surface (or bottom of cellar) outside casing? ☐ YES ☒ NO Setting depth tool (ft.): 6564'

Hrs. waiting on cement before drill-out: 12 Calculated top of cement (ft.): 3471 Cementing date: 12/23/14

#### SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	975	TXI	REMARKS	3062	2793
2	205	TXI	REMARKS	340	300
3					
Total	1180			3402	3093