

Cementing Job Log

Customer: WPX Energy, Inc.
 Well Name: Schepmann #1-21H
 City: Iuka
 State: Kansas
 Contractor & rig#: Duke #20
 Well Type: New development well
 Sales person: Kevin Gordley
 Pump truck#: 27463

Customer Rep: Jimmy
 API#:
 County: Pratt
 Legal Description: 21-26S-13W
 Job Purpose: Cement 13 13 3/8 conductor
 Job Type: (Cement 13 3/8 conductor
 Cement Supervisor: K Mike Mattal
 Ticket #: 1718-08754 A

Activity:	Date/Time	Rate	Volume	Psi	Comments:
		BPM	bbl		
On location	8/3/2013				Time on location
	7:10 PM				
Safety meeting	8/3/2013				
	7:30 PM				
Rig up	8/3/2013				
	8:00 PM				
PSI test	8/3/2013			1000	Test pump & line to 1000psi
	9:00 PM				
Pump spacer	8/3/2013	5	3	200	Pump 3 bbl h2o to break circulation, then start mix cement.
	9:15 PM				
Pump cement	8/3/2013	5	32	200	
	9:16PM				
Drop plug	8/3/2013	0	0	0	No plug
Start displacement	8/3/2013	5	0	200	
	9:25PM				
Finish displacement	8/3/2013	2	16	100	
	9:30PM				
Comments	8/3/2013	Shut in swedge & valve with 100 psi.			
	9:31PM				

Circulate 16 bbl cement to pit.

Cement Job Summary

Customer: WPX Energy, Inc. Customer Rep: Jimmy
Well Name Schepmann 1-21H API#:
City: Iuka County: Pratt
State: Kansas Legal description: 21-26S-12W
Contractor Duke #21 Job Type: Cement 13 3/8 conductor
Well type: New development Sales person: Kevin Gordley
Cement supervisor: Mike Mattal Pump truck #: 27463

Job Personnel & Equipment

Mike Mattal in pickup #37216
Steve Young in pump truck #27463
Jesse Pierson in bulk truck #19960-21010

Well Data:

17 1/2" open hole to 126'
13 3/8" 54.5# conductor casing to 122'

Float Equipment Ticket # 1718-07350 A

4- 13 3/8" x 17 1/2" bow spring centralizers
2- 13 3/8" cement baskets
2- 13 3/8" stop ring

Cement Data:

150 sacks Common cement class 'A' with 2% calcium chloride, 1/2 #/sk cellflake
mixed at 15.6 ppg, 1.20 cft/sk, 5.21 gallon h2o/sk.

PSI/VOLUMES/RATES

150 sacks cement volume of 32 bbl.
Displacement to 107' of 13 3/8" 54.5# casing is 16.5 bbl.
Differential psi at 107' is 40.4 psi.
Average pump rate thru job is 5 BPM.

Cementing Job Log

Customer: WPX Energy, Inc.
 Well Name: Schepmann #1-21H
 City: Iuka
 State: Kansas
 Contractor & rig#: Duke #20
 Well Type: New development well
 Sales person: Kevin Gordley
 Pump truck#: 19889-19843

Customer Rep: Jimmy
 API#:
 County: Pratt
 Legal Description: 21-26S-13W
 Job Purpos Cement 9 5/8 surface
 Job Type: (Cement 9 5/8 surface
 Cement Supervisor: K(Keven Lesley
 Ticket #: 1718-08574 A

Activity:	Date/Time	Rate	Volume	Psi	Comments:
		BPM	bbl	Psi	
On location	8/5/2013 9:00 AM				Time on location
Safety meeting	8/5/2013 9:15 AM				
Rig up	8/5/2013 10:00 AM				
PSI test	8/5/2013 4:30 PM			2000	Test pump & line- 2000#
Pump spacer	8/5/2013 4:49 PM	6	3	300	Pump 3 bbl h2o to break circulation, then start mix
Pump cement	8/5/2013 4:50 PM	6	74	300	cement. 250 sk A Serv Lite,
			38	200	175 sk Common.
Drop plug	8/5/2013 4:58 PM	0	0	0	
Start displacement	8/5/2013 5:00 M	6	0	0	H2o displacement
Plug down	8/5/2013 5:30 PM	2	72.9	1000	Plug down
Comments	8/5/2013 5:31 PM	Release psi- Float held			

Circulate 30 bbl cement to pit.

Cement Job Summary

Customer: WPX Energy, Inc. Customer Rep: Jimmy
Well Name Schepmann 1-21H API#:
City: Iuka County: Pratt
State: Kansas Legal description: 21-26S-12W
Contractor Duke #21 Job Type: Cement 9 5/8 surface
Well type: New development Sales person: Kevin Gordley
Cement supervisor: Keven Lesley Pump truck #: 19889- 19843

Job Personnel & Equipment

Keven Lesley in pickup 37586
Ed Marquez in pump truck 19889-19843
Jesse Pierson ion bulk truck 19831-19862
Mike Lawrence in bulk truck 19960-21010

Well Data:

12 1/4" open hole to 994'
9 5/8" 36# casing to 985'
13 3/8" 54.5# casing to 122'

Float Equipment Ticket # 1718-08573 A

1- 9 5/8" top rubber plug
3- 9 5/8" stop rings
4- 9 5/8" x 12 1/4" bow spring centralizers
2- 9 5/8" baskets
1- 9 5/8" float collar

Cement Data:

250 sacks A Serv Lite cement- 65% class A regular or Type I/II/35% Pozmix
6% gel- 100 lb sack bentonite
3% Calcium Chloride- Pellets 80 lb.
1/2 #/sk Cellflake- 3/8" Flakes
Fresh H2o
Density- 13.3 lb/gal, 1.66 cft/sk, 8.39 gallon h2o/sk
175 sacks Common cement- Class A regular or Type I/II
2% Calcium Chloride- Pellets 80 lb.
1/2 #/sk Cellflake- 3/8" Flakes
Fresh H2o
Density- 15.6 lb/gal, 1.2 cft/sk, 5.2 gallon h2o/sk

PSI/VOLUMES/RATES

425 sacks cement volume of 111.3 bbl.
Displacement to 943' of 9 5/8" 36# casing is 72.9 bbl.
Diferential psi at 943' is 311.78 psi.
Average pump rate thru job is 6 BPM.