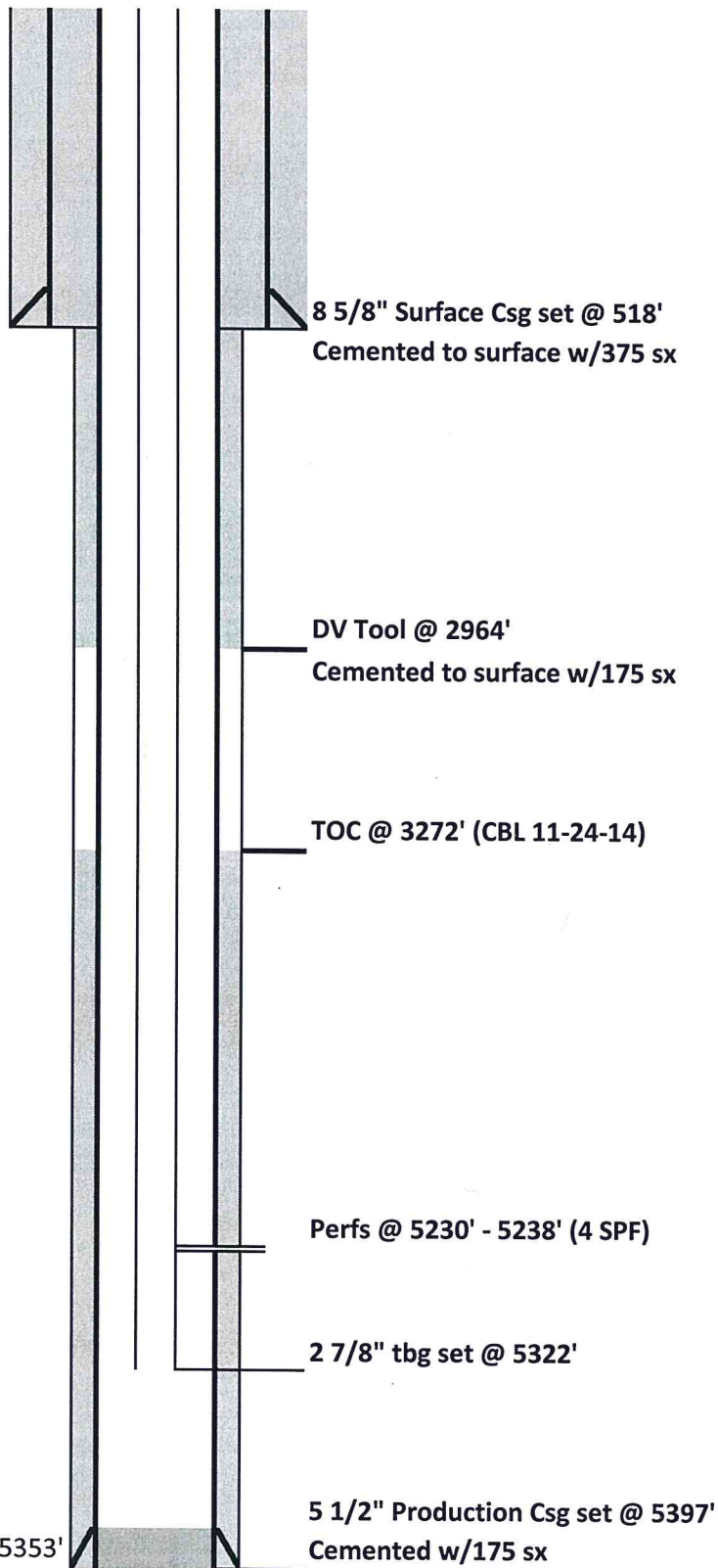




DRILLING COMPANY, INC. **WICHITA, KANSAS**

Current Wellbore Diagram



Date:	1/23/2015
Well Name:	NWAU #38
Location:	2070' FSL & 659' FWL NW/4 SW/4 25-13S-43W
County:	Cheyenne
State:	Colorado
API:	05-017-07799-00
Spud Date:	10/25/2014

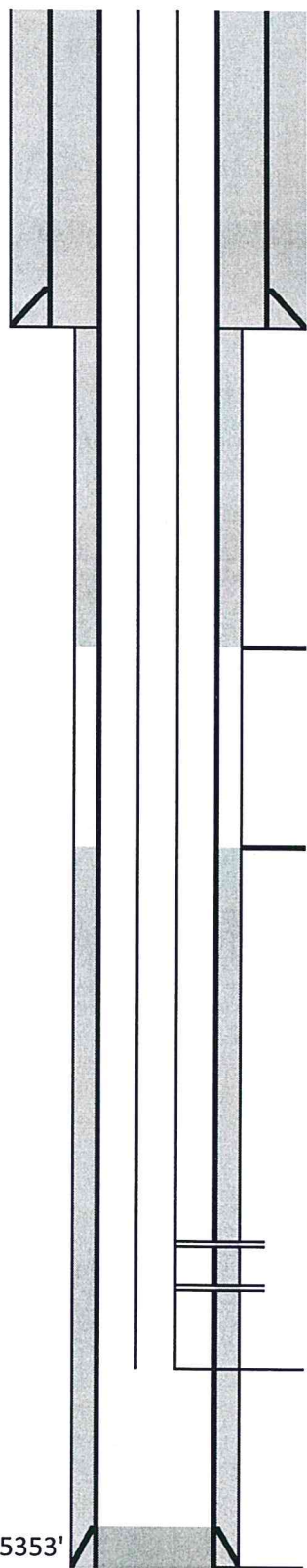
Hole Size	12 1/4"
Surface Casing:	Set @ 518' (8 5/8")
Cemented with:	375 sx
Production Csg:	Set @ 5397' (5 1/2")
Cemented with:	175 sx

<u>Log Tops:</u>	
Stone Corral	2956
Shawnee	4023
Heebner	4230
Lansing	4282
Marmaton	4688
Cherokee	4831
Morrow	5132
Keyes	5266
Mississippian	5293
RTD	5400
LTD	5402



DRILLING COMPANY, INC. **WICHITA, KANSAS**

Proposed Wellbore Diagram



8 5/8" Surface Csg set @ 518'
 Cemented to surface w/375 sx

DV Tool @ 2964'
 Cemented to surface w/175 sx

TOC @ 3272' (CBL 11-24-14)

Morrow Perfs @ 5230' - 5238' (4 SPF)
 Add perfs in Morrow at 5238-48' to make gross interval 5230'-5248'

2 7/8" tbg set @ 5322'

5 1/2" Production Csg set @ 5397'
 Cemented w/175 sx

Date: 6/27/2018
 Well Name: NWAU #38
 Location: 2070' FSL & 659' FWL
 NW/4 SW/4 25-13S-43W
 County: Cheyenne
 State: Colorado
 API: 05-017-07799-00
 Spud Date: 10/25/2014

Hole Size 12 1/4"
 Surface Casing: Set @ 518' (8 5/8")
 Cemented with: 375 sx
 Production Csg: Set @ 5397' (5 1/2")
 Cemented with: 175 sx

Log Tops:
 Stone Corral 2956
 Shawnee 4023
 Heebner 4230
 Lansing 4282
 Marmaton 4688
 Cherokee 4831
 Morrow 5132
 Keyes 5266
 Mississippian 5293
 RTD 5400
 LTD 5402

PBTD 5353'