



TOC at 360' (Temp Survey on 02/12/2014)

2050' 0.875" KD x 25 rods W/SP couplings

4200' 0.750" KD x 25 rods W/SP couplings  
 Replaced 4-1/2" casing from 0' to 3550' (12/12/2013)

4 sqz holes at 4100' (02/11/2014)  
 100' 1.5" K x 25 sinker bar

4 sqz holes at 5750' (01/31/2014)  
 0.75" Rod Backoff Coupling (RHR)

Pump 20-125-RHBC-24-5 (Bore: 1.25") at 6393'

1.25" Gas Anchor at 6417'

4 sqz holes at 6555' (12/31/2013)

FROM 3195 TO 8821 (TOP OF CP2) CASING TESTED GOOD (6785 FT)  
 5 sqz holes at 6800' (12/16/2013)

CP2 from 8821' to 9450' (07/19/2013)  
 36 sx of class "H cement 15.6 ppg

CP1 from 9980' to 10982' (07/18/2013)  
 86 sx of class "H cement 15.6 ppg

12 3/4" at 302'  
 w/350sx-TOC-Surf-Circ

8 5/8", 24-35# at 2397'  
 w/300sx-TOC at 1170'

2-3/8" tubing 4.6#/ft; L-80

Tubing Anchor at 6175'

5 jts 2-3/8" L-80

2 jts 2-3/8" TK-99 IPC

2-3/8" seating nipple at 6401'

2-3/8" 12 slot sand screen at 6402'

3-1/2" BPMA at 6425'

**Bone Spring Perforations**

6557'-6568'-6589'-6595'-6614'-6619'-6645'  
 6651'-6658'-6679'-6685'-6702'-6708'-6722'  
 6727'-6735'-6740'-6743'-6759'-6772'  
 Total 20 holes; 0.42" EH; 35.1" pen; 1 spf

CIBP at 6785' and 10' of cmt above at 6775'

TOC at 7931' - CBL 07/16/2013

**Wolfcamp Perforations**

9051'-9377' SQUEEZED ON 10/8/79

**Strawn Perforations**

10087'-10114' SQUEEZED ON 10/12/79

**Atoka Perforations**

10574'-10581' SQUEEZED ON 7/28/82

10768'-10818' SQUEEZED ON 7/28/82

Top of fish at 10982'

**Upper Morrow Perforations**

11024'-11087' (7/12/82)

35' of cement

CIBP @ 11145' (7/11/82)

**Lower Morrow Perforations**

11167'-11179' (7/6/82)

11184'-11186' (7/6/82)

4 1/2", 13.5-11.6# @ 11252'

w/770sx - TOC at 7900'

TD 11252'