

District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
October 13, 2009

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-39734
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other SWD <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator BC Operating, Inc.		6. State Oil & Gas Lease No. 38111
3. Address of Operator PO Box 50820, Midland, TX 79710		7. Lease Name or Unit Agreement Name South Denton 6 State
4. Well Location Unit Letter <u>D</u> : <u>330</u> feet from the <u>N</u> line and <u>330</u> feet from the <u>W</u> line Section <u>6</u> Township <u>16S</u> Range <u>38E</u> NMPM <u>Lea</u> County <u></u>		8. Well Number <u>2</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3751' GR		9. OGRID Number 160825
		10. Pool name or Wildcat San Andres & Glorieta

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: Installed Flush Jt Liner Casing ☒

13. Describe proposed or completed operations: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Procedure:

08/02/13 - MIRU, ND WH & NU BOP. Released pkr & POOH w/31 jts of 3 1/2" FG lined inj tbg. MIRU WL, TIH w/5 1/2" CIBP, set @ 5175' w/2 sx cmt on top. RDMO WL.

08/05/13 - TIH w/Weatherford 4 1/2" Duplex liner shoe. PU 29 jts of 4 1/2" 11.60# J-55 flush jt tbg & liner top guide. Set liner on slips, PU & TIH w/4 1/2" running tool on 2 3/8" N-80 workstring, screw on to duplex shoe & ran liner down to TOC @ 5168'. PU 1' MIRU Rising Star Cmt & circ hole w/90 bbls FW, pumped 30 sx Class C + 25% R-38 cmt, pumped 19 bbls disp of FW. Dropped flush jt on top of PBTD (cmt), backed off from flush jt & reversed out excess cmt. WOC.

08/07/13 - PU & TIH w/4 3/4" bit, bit sub & 2 3/8" workstring. Tagged top of liner @ 3970'. TOH & TIH w/3 3/4" DC's & 2 3/8" workstring. Went inside 4 1/2" liner & tagged up @ 5168'. Pulled up 1 jt, pressure tested csg to 550# - lost pressure. TOH & SDFN.

08/08/13 - Pulled rest of tbg, collars & bit. TIH w/5 1/2" tension pkr on 2 3/8" workstring. Set pkr @ 3939' - 1 jt above liner top & pressure tested casing to 550# - held good. Pressure tested liner to 550# - lost pressure. Unset pkr, TOH & LD 5 1/2" pkr. PU 4 1/2" tension pkr, set @ 4062' & pressure tested liner top to 550# - lost pressure. TOH, LD pkr & left well open to frac tank, SDFN.

08/09/13 - TIH w/open ended 2 3/8" SN & tbg down to 4010' (40' inside of liner). MIRU Rising Star & pumped 30 sx Class C cmt + 4% Bentonite + 2% CaCl2 + 0.25% R-38 & displaced w/15 BW. Pulled-tbg up to 3500' & started staging cmt. Pumped 6 bbls cmt into leak, squeezed off @ 1800#. RDMO Rising Star Cmt. SDFN, WOC.

08/12/13 - TIH w/4 3/4" bit, 3 1/8" DC's & 2 3/8" workstring. Tagged up @ 3657'. RU swivel, break circ & DO hard cmt down to 3970' top of liner. Circ clean. Pressure tested - Held. RD swivel, PU to 3965' & SDFN.

SEP 11 2013

08/13/13 – TOH w/tbg & bit. TIH w/3 ¼" bit & tbg. RIH swivel, break circ & DO cmt inside of 4 ½" liner 20'. Circ clean & pressure tested liner top to 550# - held good. Continued drlg cmt & fell through @ 4020'. LD swivel & RIH w/tbg. Tagged up @ 5170'. PU swivel & DO 4' of cmt and half of float shoe. Circ hole clean & LD swivel. Pulled tbg above liner top @ 3950' & SDFN.

08/14/13 – RIH to 5170', PU swivel, break circ & DO float shoe, cmt & CIBP @ 5175'. Circ hole clean. RIH PU tbg & tagged up @ 6845'. Circ clean for 1 ½ hrs. PU tbg to 3900' & SDFN.

08/15/13 – TOH LD workstring. At about 3000' started dragging. RIH down to 6580' & circ for 1 hr. Had pieces of rubber on return line. TOH LD workstring, DC's & bit. RIH w/4 stand of 3 ½" FG lined tbg & LD same. SDFN.

08/16/13 – Tallied & PU 4 ½" 11.60# nickel plated Arrow-set 1 pkr w/on/off tool w/1.87 profile. TIH w/40 jts 2 7/8" 6.5# J-55 FG lined tbg. Drifting tbg in hole 118 jts 3 ½" 9.3# J-55 FG lined tbg. Set pkr @ 5157' & pressure tested csg to 525# - held ok. Got on/off tool & circ pkr fluid. ND BOP & latched onto pkr, NU WH. Pressure tested casing to 550# and ran MIT for 30 mins – Held good. SDFN.

08/19/13 – RDMO.

Chart shows
START 620#
FINAL 620#
TIME 34 mins

Please see attached chart

Spud Date:

1/6/11

Rig Release Date:

1/16/11

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Pam Stevens TITLE Regulatory Analyst DATE 07/01/2013

Type or print name Pam Stevens E-mail address pstevens@bcoperating.com PHONE: 432-684-9696

For State Use Only

APPROVED BY: Maley Brown TITLE Compliance Officer DATE 8/30/2013

Conditions of Approval (if any)

FORMER NAME	
COUNTY & STATE	Lea Co., NM
API NO.	30-025-39734

CURRENT

The diagram consists of two vertical bars with a hatched pattern, representing current. The bars are connected by a horizontal line at the top. The left bar has a small 'X' mark near the bottom. The right bar has a small 'X' mark near the bottom. The bars are labeled 'CURRENT' at the top.

Tubing Description	
FG	3-1/2", 9.3#, J-55 0'-3850'
FG	2-7/8", 6.5#, J-55 3850'-5158'

4/15/2010	APD Approved
8/5/2010	NMOCD Hearing for Injection Permit, permit approved
1/16/2011	Drilled well; no San Andres porosity encountered Propose to deepen well by 350' to Glorieta
12/21/2011	Deepended to Glorieta & perforated San Andres No injectivity - tight rock
12/22/2011	Perforate Queen (1 BPM @ 2660#) Leave well TA'd
8/31/2012	Sqz'd Queen & frac'd San Andres/Glorieta
8/4/2013	Installed flush joint liner 5168'-6966' to isolate Queen perforations

Queen Squeezed w/ cmt
Perf 4436'-4452', 4342'-4353'
4270'-4278', 4210'-4240'

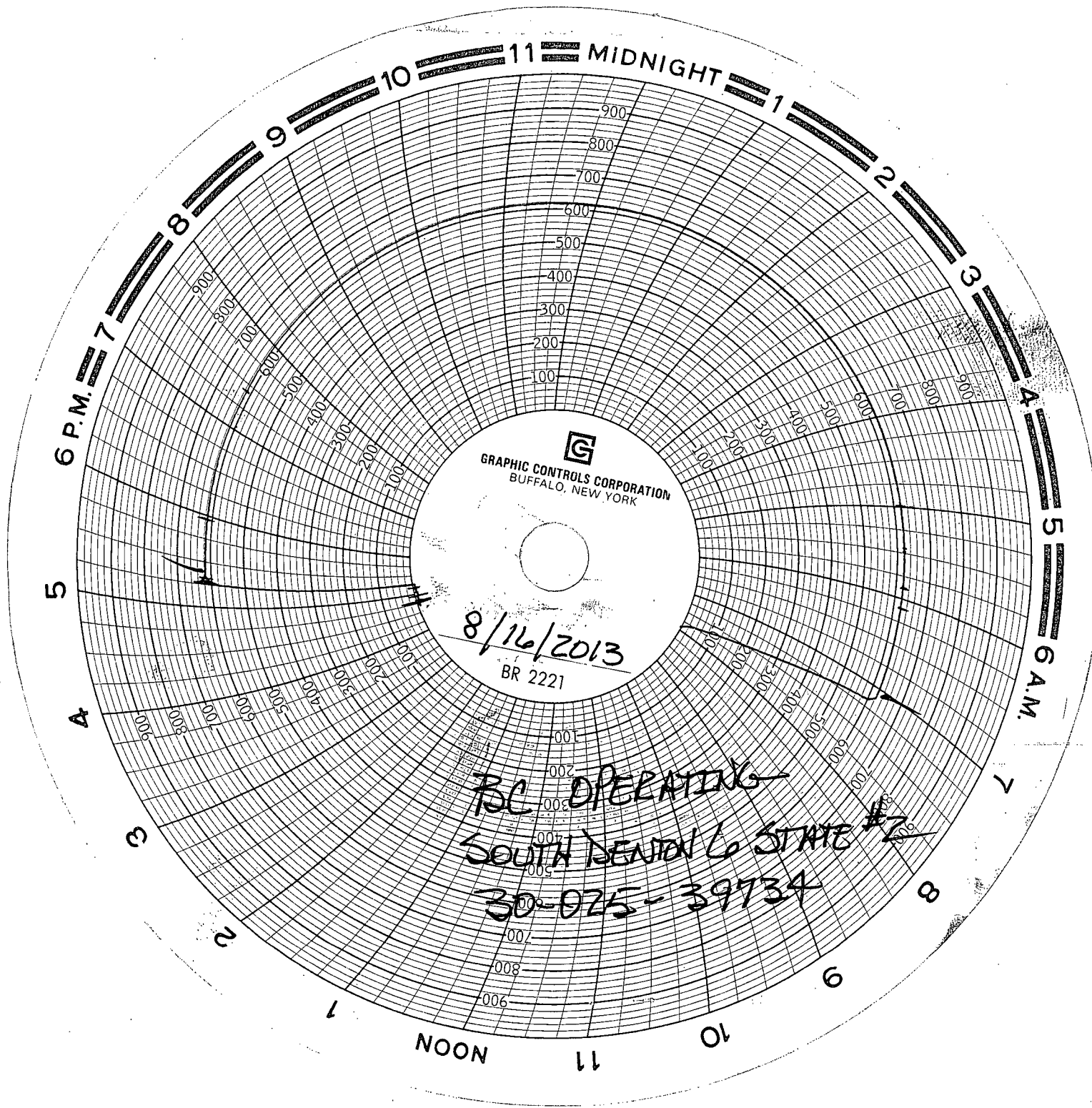
Inj Pkr @ 5158'

Perf 6322'-6332', 6230'-6240'
5962'-5970', 5230'-5238'
5200'-5222'

Injection Interval
5200' - 6850'
San Andres & Glorieta

4-1/2", 11.60#, FL-4S Liner
5168' - 3966'

<u>PRODUCTION CASING</u>			
SIZE	<u>5-1/2"</u>	WEIGHT	<u>15.5#</u>
GRADE	<u></u>	SX. CMT.	<u>980 sx</u>
		DEPTH	<u>6500'</u>
		TOC @	<u></u>
		PBTD@	<u>6850'</u>
		TD@	<u>6850'</u>



South Denton 6 State #25WD
8-1613
PARKER TOOL

Letter Clamps