

Submit 1 Copy To Appropriate District Office

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
Revised July 18, 2013

| | | |
|--|--|---|
| 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. 30-039-24295 |
| 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other | | 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 2. Name of Operator CROSS TIMBERS ENERGY, LLC | | 6. State Oil & Gas Lease No. |
| 3. Address of Operator 400 W 7TH ST, FORT WORTH, TX 76102 | | 7. Lease Name or Unit Agreement Name SAN JUAN 32-5 UNIT NP |
| 4. Well Location Unit Letter K : 1820 feet from the S line and 1635 feet from the W line Section 24 Township 32N Range 06W NMPM County RIO ARRIBA | | 8. Well Number 102 |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6370' GL | | 9. OGRID Number 298299 |
| | | 10. Pool name or Wildcat |

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 ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

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

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.

- 1) Isolate lower coal perforations (3075'-3079') with a CIBP set at approximately 3065'
- 2) RWTP producing upper coal perforations and sidetrack lateral.

OIL CONS. DIV DIST. 3

JUN 07 2017

Spud Date:

10/05/1988

Rig Release Date:

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

SIGNATURE

Connie Blaylock

TITLE REGULATORY TECH

DATE 6/6/2017

Type or print name CONNIE BLAYLOCK

E-mail address: cblaylock@mspartners.com

PHONE: 817-334-7882

For State Use Only

APPROVED BY:

Deputy Oil & Gas Inspector

TITLE

Deputy Oil & Gas Inspector,
District #3

DATE 7/3/17

Conditions of Approval (if any):

AV



Savannah Energy Company

San Juan 32-5 Unit NP 102 Rio Arriba County, NM

TD - 3,098 ft MD Mainbore
TD - 4,762 ft MD Sidetrack Lateral

12 1/4" hole to 220'.
Surface Csg: 5 jts 9 5/8" 36# lb/ft K-55
Setting Depth: 220 ft kb

Cement
150sx Class G (177 ft³)
Circulated cement to surface

8 3/4" hole to 2,970'.
Production Csg: 68 jts 7" 20# K-55
Setting Depth: 2,970 ft

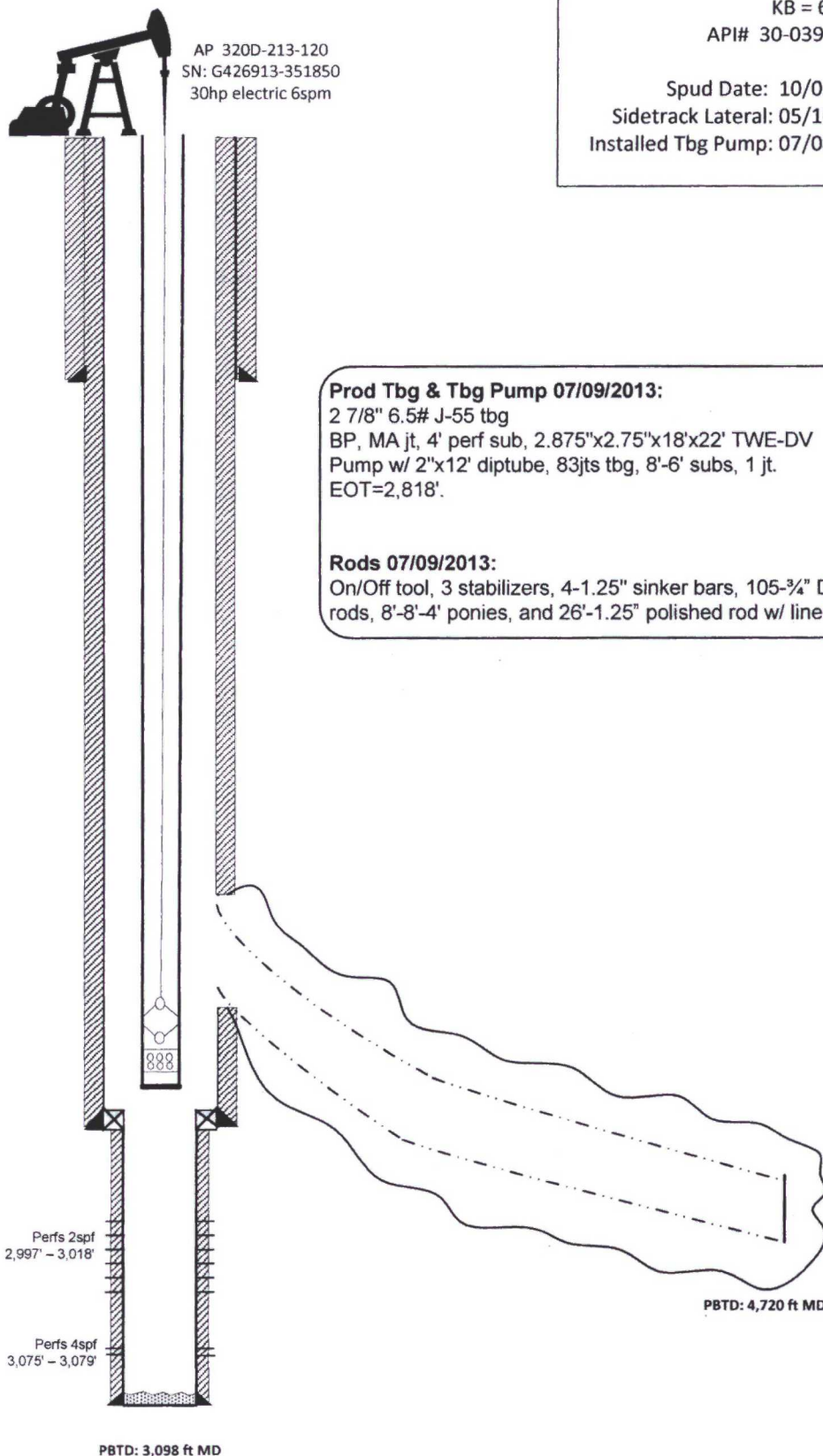
Cement
Lead: 450sx 65/35 Class B.
Tail: 100sx 50/50 Class B
Total cement 990 ft³.
Circulated 12 bbls cement to surface.

6 1/4" hole to 3,098 ft MD
Liner Csg: 7 jts 4.5" 10.5# K-55
Setting depth: 3,098 ft MD
Liner top: 2,820 ft MD (150' overlap in 7")
Perfs: 2spf 2997'-3018'; 4spf 3075'-3079'

Cement
Lead: 25sx Class B 65/35
Tail: 75sx Class B
Total cement 137 ft³.
Reverse circulated 8 bbls cmt to surface.

Mill Window: 2,765 ft - 2,784 ft
6 1/4" lateral hole to 4,762 ft MD
Liner Csg: 4.5" 11.6# J-55 LT&C preper'd liner
Setting Depth (PBTD): 4,720 ft MD.
Top of Liner: 2,768 ft MD (Baker Hook Hanger)
Perfs 8spf, 0.50" 12,448 holes: 3,078 ft - 4,634 ft

Frac Fruitland Coal 11/1988
2,997' - 3,079'
86,310 gal fluid
137,000 lbs sand



Prepared by: Savage
Date: 05/31/2017

KB = 13 ft
GL = 6,357 ft
KB = 6,370 ft
API# 30-039-24295

Spud Date: 10/05/1988
Sidetrack Lateral: 05/10/2010
Installed Tbg Pump: 07/08/2013



Southland Energy Company

San Juan 32-5 Unit NP 102 Rio Arriba County, NM

TD - 3,098 ft MD Mainbore
TD - 4,762 ft MD Sidetrack Lateral

12 1/4" hole to 220'.
Surface Csg: 5 jts 9 5/8" 36# lb/ft K-55
Setting Depth: 220 ft kb

Cement
150sx Class G (177 ft³)
Circulated cement to surface

8 3/4" hole to 2,970'.
Production Csg: 68 jts 7" 20# K-55
Setting Depth: 2,970 ft

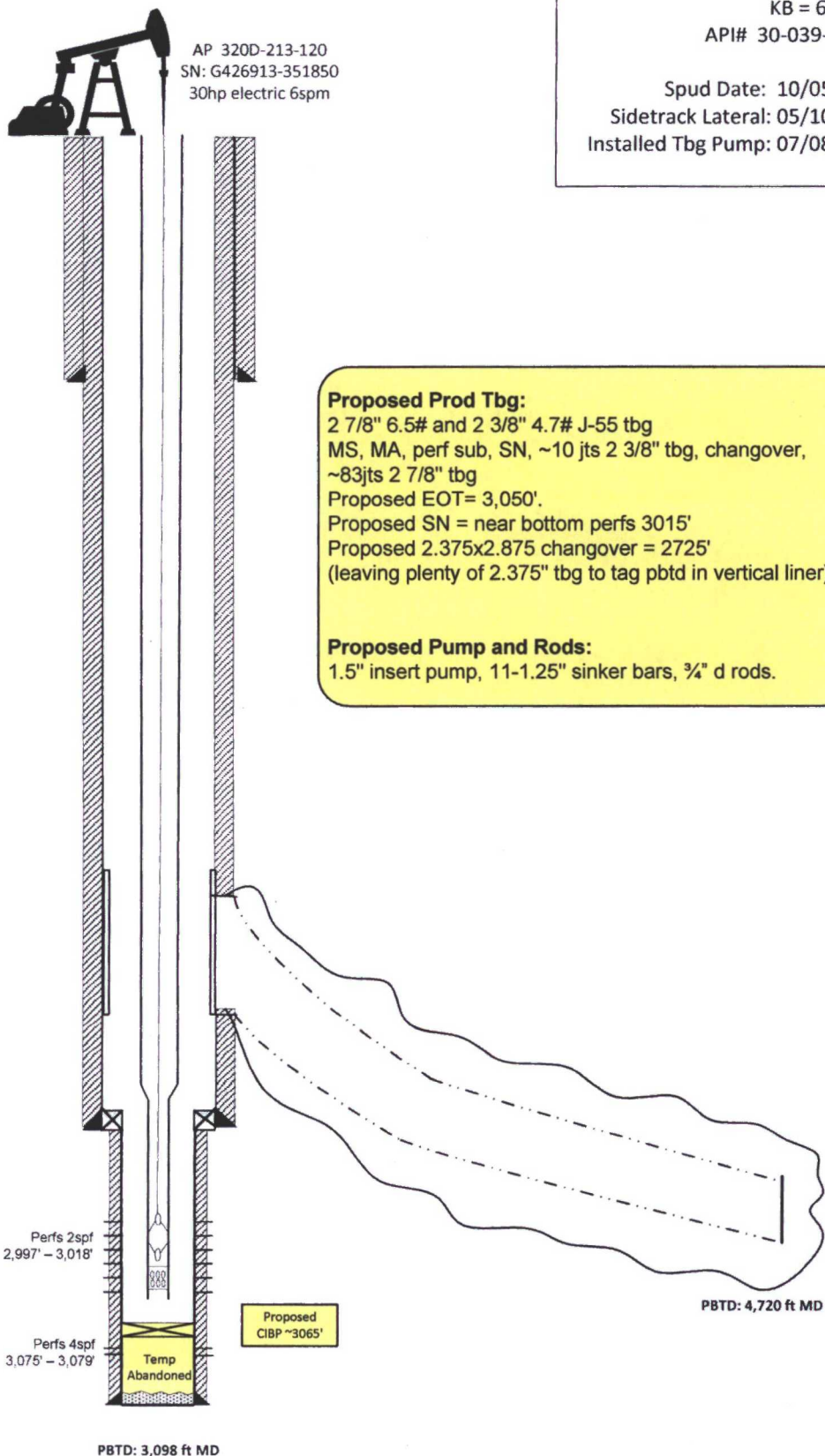
Cement
Lead: 450sx 65/35 Class B.
Tail: 100sx 50/50 Class B
Total cement 990 ft³.
Circulated 12 bbls cement to surface.

6 1/4" hole to 3,098 ft MD
Liner Csg: 7 jts 4.5" 10.5# K-55
Setting depth: 3,098 ft MD
Liner top: 2,820 ft MD (150' overlap in 7")
Perfs: 2spf 2997'-3018'; 4spf 3075'-3079'

Cement
Lead: 25sx Class B 65/35
Tail: 75sx Class B
Total cement 137 ft³.
Reverse circulated 8 bbls cmt to surface.

Mill Window: 2,765 ft - 2,784 ft
6 1/4" lateral hole to 4,762 ft MD
Liner Csg: 4.5" 11.6# J-55 LT&C preperf'd liner
Setting Depth (PBTD): 4,720 ft MD.
Top of Liner: 2,758 ft MD (Baker Hook Hanger)
Perfs 8spf, 0.50" 12,448 holes: 3,078 ft - 4,634 ft

Frac Fruitland Coal 11/1988
2,997' - 3,079'
86,310 gal fluid
137,000 lbs sand



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Date: 05/31/2017

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Proposed Prod Tbg:
2 7/8" 6.5# and 2 3/8" 4.7# J-55 tbg
MS, MA, perf sub, SN, ~10 jts 2 3/8" tbg, changover,
~83jts 2 7/8" tbg
Proposed EOT= 3,050'.
Proposed SN = near bottom perfs 3015'
Proposed 2.375x2.875 changover = 2725'
(leaving plenty of 2.375" tbg to tag pbtd in vertical liner)

Proposed Pump and Rods:
1.5" insert pump, 11-1.25" sinker bars, 3/4" d rods.