

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 5/9/2019

Well information:

30-039-06573 BREECH A #181

CROSS TIMBERS ENERGY, LLC

Application Type:

- ☒ P&A ☐ Drilling/Casing Change ☐ Location Change
☐ Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)
☐ Other:

Conditions of Approval:

- Notify NMOCD 24hrs prior to beginning operations.
- Add plug from 2,505' – 2,405' to cover the Kirtland. OCD Kirtland pick @ 2,455'.
- Add plug from 2,310' – 2,210' to cover the Ojo Alamo top. OCD Ojo Alamo pick @ 2,260'.
- Add a plug 1,105' -1,005' to cover the Nacimiento top. OCD Nacimiento pick @ 1,055'


NMOCD Approved by Signature

10/16/19
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMSF079035A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
BREECH A 1819. API Well No.
30-039-06573-00-S110. Field and Pool or Exploratory Area
SOUTH BLANCO PICTURED CLIFFS11. County or Parish, State
RIO ARRIBA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CROSS TIMBERS ENERGY LLC

Contact: SAMANTHA AVARELLO

E-Mail: savarello@mspartners.com

3a. Address

#36 ROAD 350
FLORA VISTA, NM 87415

3b. Phone No. (include area code)

Ph: 817-334-7747

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 10 T26N R6W NWSW 1510FSL 1135FWL
36.498550 N Lat, 107.459610 W Lon

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Hydraulic Fracturing☐ New Construction☒ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

CTE intend to P&A the Breech A 181. P&A procedure and reclamation plan attached

NMOCD

SEP 13 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #464732 verified by the BLM Well Information System

For CROSS TIMBERS ENERGY LLC, sent to the Farmington

Committed to AFMSS for processing by ALBERTA WETHINGTON on 05/13/2019 (19AMW0317SE)

Name (Printed/Typed) SAMANTHA AVARELLO

Title REGULATORY TECHNICIAN

Signature (Electronic Submission)

Date 05/09/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JOHN HOFFMAN

Title PETROLEUM ENGINEER

Date 09/10/2019

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Farmington

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

A

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: Breech A 181 API: 30-039-06573

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. CBL required after setting CIBP from 2885' to surface to confirm TOC. Submit electronic copy of the log for verification to the following addresses: jhoffman@blm.gov and Brandon.Powell@state.nm.us . Based on CBL results inside/outside plugs and volumes will be adjusted accordingly. Please review the General Requirements document to ensure volumes meet required excess inside and outside casing.
4. BLM picks formation tops as indicated in the table below for use in determining TOC for all plugs.

	<u>Top</u>
Nacimiento	845
Ojo Alamo	2100
Kirtland	2205
Fruitland	2710
Pictured Cliffs	2950

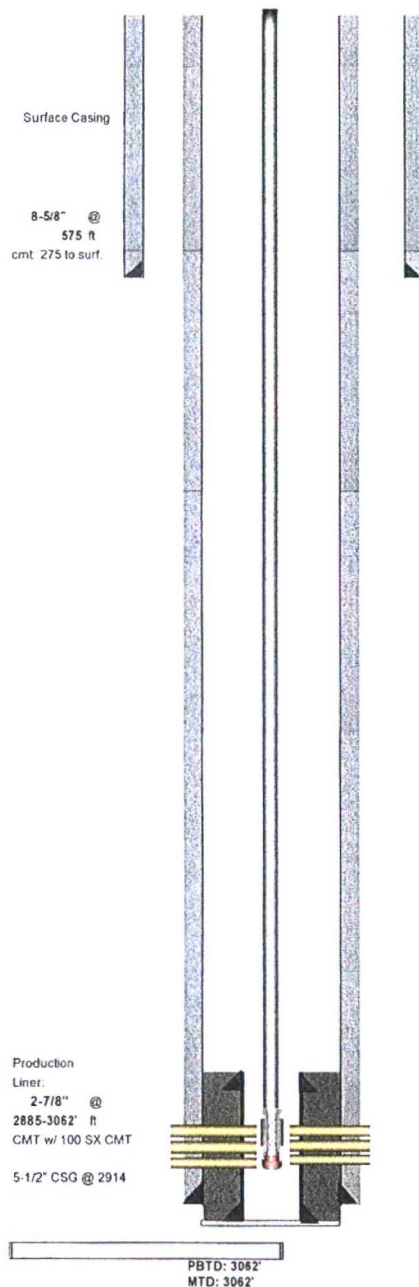
Breach A #181

P&A Procedure

- 1 48 Hours Prior to job notify BLM & NMOCD.
- 2 MI&RU DDP. Haul in 3000' 2-3/8" Work String.
- 3 ND Wellhead & NU BOP.
- 4 TOOH & LD +/-3001' 1-1/4", 10RD TBG.
- 5 MU&TIH w/ w/ 5.5" Casing Scraper to 2885'. TOOH
- 6 MI&RU e-Line Unit Run CBL F/ PBTD - T/ Surface. RD e-Line.
- 7 MI&RU Cement Service. Mix & Pump Plug #1: (PC Top: 3028'; PC Perfs: 2960'-2983') 32
SX Class B CMT (1.18 CF/SX). Displace 18 SX Thru CICR. Spot Remaining 14 SX on CICR,
leaving +50' CMT above CICR.
- 8 PU above CMT Plug to -2700' & Reverse Circulate Clean. WOC. TIH & Tag TOC, Reset
plug as needed.
- 9 PU TBG T/ 2739'. Mix & Pump Plug #2, 2299' - 2739' (Fruitland Top: 2689'; Kirtland
Top: 2589'; Ojo Alamo Top: 2399') 116 SX Class B CMT (1.18 CF/SX) Balanced Plug.
- 10 PU above CMT Plug to -2200' & Reverse Circulate Clean. WOC. TIH & Tag TOC, Reset
plug as needed.
- 11 PU TBG T/ 1376'. Mix & Pump Plug #3, 1226' - 1376' (Nacimiento Top: 1326') 40 SX
Class B CMT (1.18 CF/SX) Balanced Plug.
- 12 PU above CMT Plug to -1130' & Reverse Circulate Clean. WOC. TIH & Tag TOC, Reset
plug as needed.
- 13 TOOH. MI&RU e-Line Unit. RIH & Perf 4 Squeeze Holes @ 625. ROOH w/ Guns.
RD&MO e-Line Unit.
- 14 Mix & Pump Plug #4, 625' - 0' 174 SX Class B CMT (1.18 CF/SX) Balanced Plug.
- 15 Verify CMT is at circulated and surface. Top out as needed.
- 16 RD&MO All Services. Reclaim location.

Cross Timbers Energy, LLC

Well: Breech A 181		Field: South Blanco		Date: 04/08/19	
Loc: 1510' FSL & 1135' FWL		T26N-R6W-S10			
County: Rio Arriba		State: New Mexico			
API# 30-039-06573		Size, in	Wgt, lb/ft	Grade	Hole Size
KB: 0'	Surf. Csg:	8-5/8"	24#	J-55	12-1/4"
GL: 6558'	Prod. Csg:	5-1/2"	15.5#	J-55	7-7/8"
SPUD: November 25, 1951	Liner	2-7/8"	6.5#		2885-3062'
Completion: October 28, 1979					
MTD: 3062'	PBTD: 3062'	CURRENT STATUS: N/A FAP = N/A			



PMP UNIT: N/A			
Float Collar:	ft	TOC:	surface
Shoe:	ft	DV TOOL:	ft
	ft	CIBP:	ft
EOT	2893 ft	PKR:	ft

10/07/15 SITP 8 psig SICP 0 psig OWU & RWTP @ 9.15 a.m., 10-07-15. Final rpt for RWTP.

10/14/15 The well status of the Breech A #181 has changed to SI & INA as of 10-14-15. FR for INA.

10/11/16 SITP 0 psig SICP 5 psig RE Activate @ 10 15 a.m., 10-11-16. Final rpt for Re-Activate

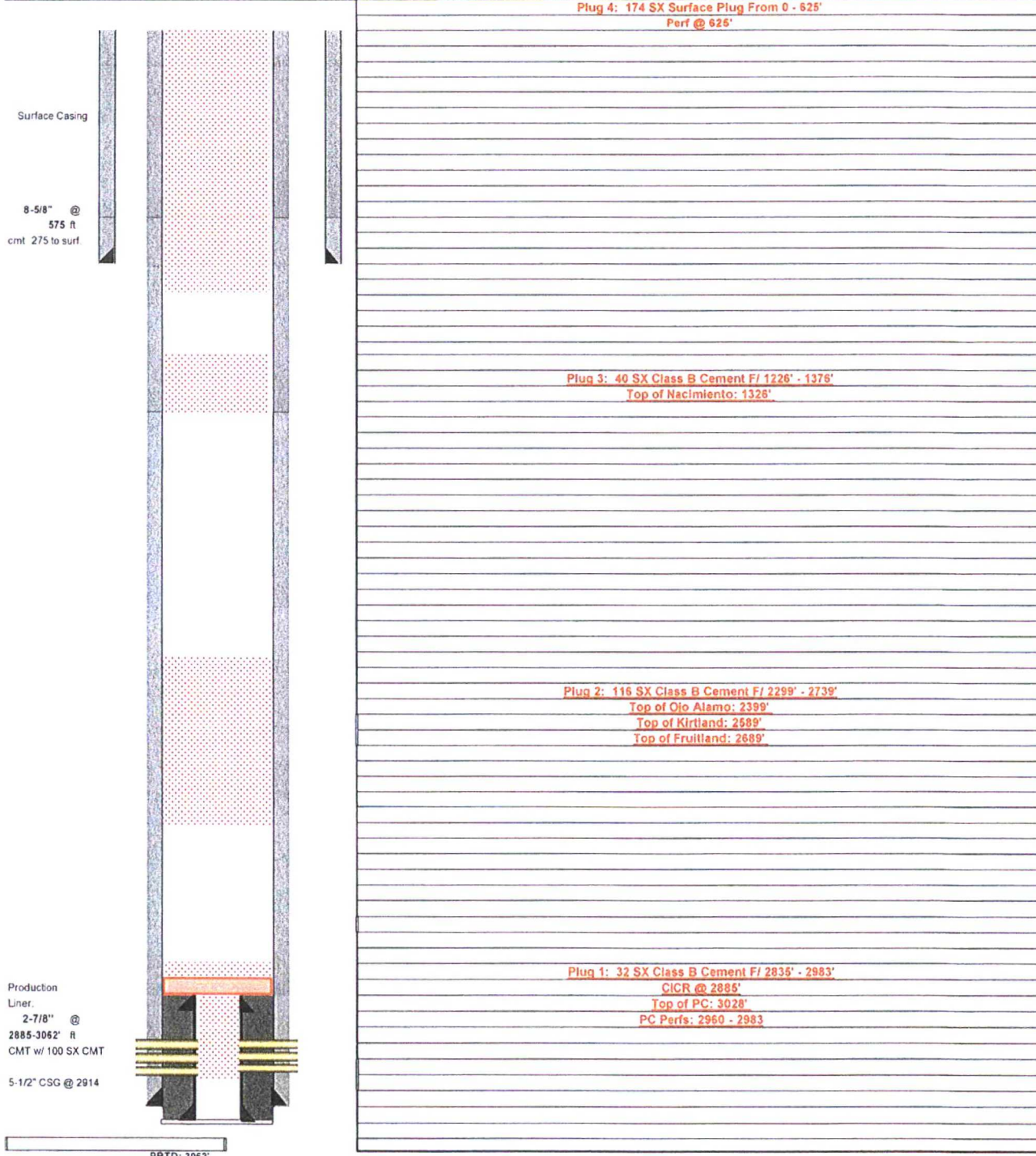
Formation	Comments/Tops	Perforations/ Remarks
1 PICTURED CLIFFS		2950-2958
2		
3		
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as of ?
Tbg detail: 7 jts -- '1-1/4"@3001',
EOT=3001'

EOT =3001'

Cross Timbers Energy, LLC

Well: Breech A 181		Field: South Blanco		Date: 04/08/19	
Loc: 1510' FSL & 1135' FWL		T26N-R6W-S10			
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GL: 6558'	Prod. Csg:	5-1/2"	15.5#	J-55	7-7/8"
SPUD: November 25, 1951	Liner	2-7/8"	6.5#		2885-3062'
Completion: October 28, 1979					
MTD: 3062'	PBTD: 3062'	CURRENT STATUS: N/A FAP =N/A			



P&A Site Reclamation

Breach A 181

Per Field Inspector instructions, Cross Timbers Energy, LLC will follow the procedures listed below

- **Remove all surface equipment and buried flowlines.**
- **Gravel will be spread on collector road passing location.**
- **Rip, disk and seed all disturbed areas.**