

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:

30-039-06628 BREECH A #135

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.
- Keep proposed Plug #1, plus BLM COA.
- Add a plug from 2,990'-2,840' to cover the Fruitland top. OCD Fruitland pick @ 2,890'
- Adjust plug #2 to 2,640' – 2,175' to cover the Kirtland, Ojo Alamo and BLM Fruitland tops. OCD Ojo Alamo pick @ 2,370'; OCD Kirtland Pick @ 2,590'.
- Add plug 1,435-1,335' to cover the Nacimiento top, plus BLM plug. OCD Nacimiento pick @ 1,385'.


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 1359. API Well No.
30-039-06628-00-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: SAMANNTHA 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 NWNE 1050FNL 1650FEL
36.506317 N Lat, 107.450882 W Lon

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

TYPE OF SUBMISSION

- ☒
- Notice of Intent
-
- ☐
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

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 recomple 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 recomple 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 intends to Plug and Abandon the Breech A 135. 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 #464731 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 (19AMW0316SE)

Name (Printed/Typed) SAMANNTHA 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 **

AV

**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 135 API: 30-039-06628

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 3035' 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	1180
Ojo Alamo	2225
Kirtland	2340
Fruitland	2580
Pictured Cliffs	2940

Breech A #135

P&A Procedure

- 1 48 Hours Prior to job notify BLM & NMOCD.
- 2 MI&RU DDP.
- 3 ND Wellhead & NU BOP.
- 4 TOOH & Stand Back +/-3093' 2-3/8", 4.7#, J-55, EUE-8RD TBG.
- 5 MU&TIH w/ w/ 4.5" Casing Scraper to +3035'. 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: 2969'; PC Perfs: 3083'-3135') 84 SX Class B CMT (1.18 CF/SX). Displace 32 SX Thru CICR. Spot Remaining 52 SX on CICR, leaving +150' CMT above CICR.
- 8 PU above CMT Plug to -2800' & Reverse Circulate Clean. WOC. TIH & Tag TOC, Reset plug as needed.
- 9 PU TBG T/ 2632'. Mix & Pump Plug #2, 2190' - 2632' (Fruitland Top: 2582'; Kirtland Top: 2459'; Ojo Alamo Top: 2290') 137 SX Class B CMT (1.18 CF/SX) Balanced Plug.
- 10 PU above CMT Plug to -2100' & Reverse Circulate Clean. WOC. TIH & Tag TOC, Reset plug as needed.
- 11 PU TBG T/ 1258'. Mix & Pump Plug #3, 1108' - 1258' (Nacimiento Top: 1208') 47 SX Class B CMT (1.18 CF/SX) Balanced Plug.
- 12 PU above CMT Plug to -1000' & Reverse Circulate Clean. WOC. TIH & Tag TOC, Reset plug as needed.
- 13 TOOH. MI&RU e-Line Unit. RIH & Perf 4 Squeeze Holes @ 631'. ROOH w/ Guns. RD&MO e-Line Unit.
- 14 Mix & Pump Plug #4, 631' - 0' 280 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 135		Field: South Blanco		Date: 04/07/19																																																				
Loc: 1050' FNL & 1650' FEL		T26N-R6W-S10																																																						
County: Rio Arriba		State: New Mexico																																																						
API# 30-039-06628	Size, in	Wgt, lb/ft	Grade	Hole Size	Depth																																																			
KB: 6640'	10-3/4"	32.75#	J-55	15-1/4"	581																																																			
GL: 6629'																																																								
SPUD: November 30, 1951	Prod. Csg:	7"	20#	J-55	3083																																																			
Completion: June 12, 1977	liner																																																							
MTD: 3170'	PBTD: 3167'	CURRENT STATUS: N/A FAP =N/A																																																						
PMP UNIT: N/A																																																								
Float Collar:	ft	TOC:	surface																																																					
Shoe:	ft	DV TOOL:	ft																																																					
EOT	3093 ft	CIBP:	ft																																																					
		PKR:	ft																																																					
09/26/14 The well status of the Breech A #135 has changed to SI & INA as of 9-26-14. FR for SWI & INA.																																																								
10/07/15 SITP 25 psig. SICP 0 psig. OWU & RWTP @ 9:30 a.m., 10-07-15. Final rpt for RWTP.																																																								
10/14/2015- The well status of the Breech A #135 has changed to SI & INA as of 10-14-15 FR for INA																																																								
10/11/16 SITP 0 psig. SICP 25 psig. RE-Activate @ 10:00 a.m., 10-11-16. Final rpt for Re-Activate																																																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Formation</th> <th>Comments/Tops</th> <th>Perforations/ Remarks</th> </tr> </thead> <tbody> <tr> <td>1 PICTURED CLIFFS</td> <td>OPEN HOLE</td> <td>3093-3170</td> </tr> <tr> <td>2</td> <td>PERFORATED</td> <td>3083-3135</td> </tr> <tr><td>3</td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td></tr> <tr><td>12</td><td></td><td></td></tr> <tr><td>13</td><td></td><td></td></tr> <tr><td>14</td><td></td><td></td></tr> <tr><td>15</td><td></td><td></td></tr> <tr><td>16</td><td></td><td></td></tr> </tbody> </table>						Formation	Comments/Tops	Perforations/ Remarks	1 PICTURED CLIFFS	OPEN HOLE	3093-3170	2	PERFORATED	3083-3135	3			4			5			6			7			8			9			10			11			12			13			14			15			16		
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Surface Casing

10-3/4" @ 581 ft
cmt 275 to surf

Production Casing

7" @ 3083 ft
Cmt w/ 1600 sx
w/ 67 sx excess to surf

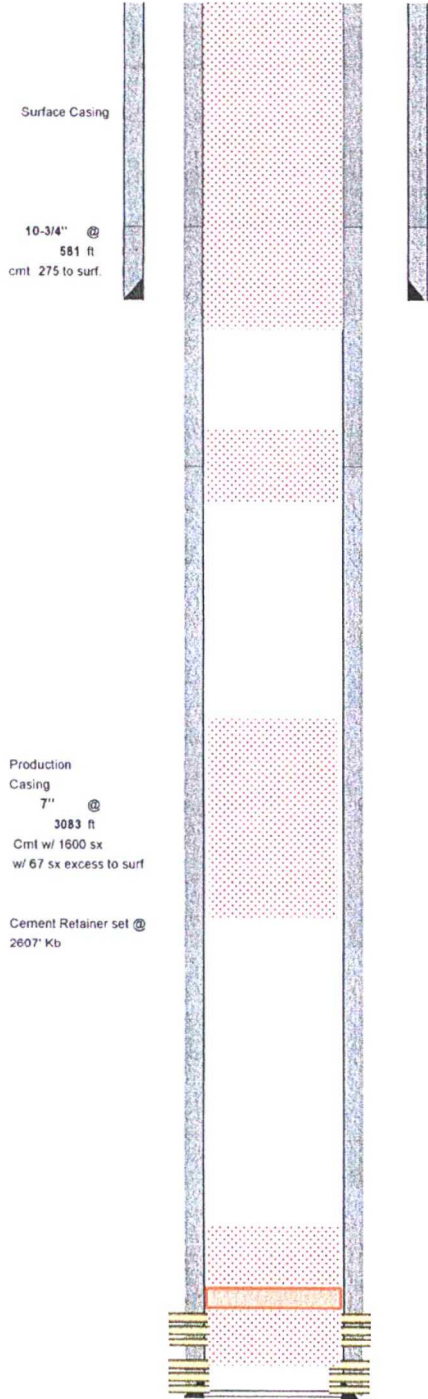
Cement Retainer set @ 2607' Kb

PBTD: 3167'

MTD: 3170'

Cross Timbers Energy, LLC

Well: Breech A 135			Field: South Blanco			Date: 04/07/19		
Loc: 1050' FNL & 1650' FEL			T26N-R6W-S10					
County: Rio Arriba			State: New Mexico					
API# 30-039-06628			Size, in	Wgt, lb/ft	Grade	Hole Size	Depth	Cmt - SX
KB: 6640'		Surf. Csg:	10-3/4"	32.75#	J-55	15-1/4"	581	200 sx Class C to surf.
GL: 6629'								
SPUD: November 30, 1951		Prod. Csg:	7"	20#	J-55	9-5/8"	3083	220 sx
Completion: June 12, 1977		liner						
MTD: 3170'		PBTD: 3167'		CURRENT STATUS: N/A FAP =N/A				



Plug 4: 280 SX Surface Plug From 0 - 631'
Perf @ 631'

Plug 3: 47 SX Class B Cement F/ 1108' - 1258'
Top of Nacimiento: 1208'

Plug 2: 137 SX Class B Cement F/ 2190' - 2632'
Top of Ojo Alamo: 2290'
Top of Kirtland: 2459'
Top of Fruitland: 2582'

Plug 1: 84 SX Class B Cement F/ 2669' - 3135'
CICR @ 3033'
Top of PC: 2969'
PC Perfs: 3083 - 3135

P&A Site Reclamation

Breach A 135

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

- Remove all surface equipment and buried flowlines.
- Fill in access road and recontour back to original contour.
- Rip, disk and seed all disturbed areas.