

Form 3160-5
(June 2015)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.
NMSF079162

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MILES FEDERAL 29. API Well No.
30-039-06533-00-S110. Field and Pool or Exploratory Area
BASIN DAKOTA

11. 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: 827-334-7747

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

Sec 7 T26N R7W SESW 0950FSL 1480FWL
36.496338 N Lat, 107.620117 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 completed P&A procedures for the Miles Federal 002 on 06/17/2020.

Attachments

-Final P&A WBD
-P&A Job Summary
-CBL
-Cement Treatment Report

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

**Electronic Submission #520427 verified by the BLM Well Information System
For CROSS TIMBERS ENERGY LLC, sent to the Farmington
Committed to AFMSS for processing by JOE KILLINS on 07/15/2020 (20AMW0163SE)**

Name (Printed/Typed) SAMANTHA AVARELLO

Title REGULATORY TECHNICIAN

Signature (Electronic Submission)

Date 06/26/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTEDJOE KILLINS
Title ENGINEER

Date 07/15/2020

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 ****

Revisions to Operator-Submitted EC Data for Sundry Notice #520427

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	ABD SR	ABD SR
Lease:	NMSF079162	NMSF079162
Agreement:		
Operator:	CROSS TIMBERS ENERGY, LLC 400 W 7TH STREET FORT WORTH, TX 76102 Ph: 817-334-7747	CROSS TIMBERS ENERGY LLC #36 ROAD 350 FLORA VISTA, NM 87415 Ph: 505-334-7438
Admin Contact:	SAMANNTHA AVARELLO REGULATORY TECHNICIAN E-Mail: savarello@mspartners.com Ph: 817-334-7747	SAMANNTHA AVARELLO REGULATORY TECHNICIAN E-Mail: savarello@mspartners.com Ph: 827-334-7747
Tech Contact:	SAMANNTHA AVARELLO REGULATORY TECHNICIAN E-Mail: savarello@mspartners.com Ph: 817-334-7747	SAMANNTHA AVARELLO REGULATORY TECHNICIAN E-Mail: savarello@mspartners.com Ph: 827-334-7747
Location:		
State:	NM	NM
County:	RIO ARriba	RIO ARriba
Field/Pool:	BASIN DAKOTA	BASIN DAKOTA
Well/Facility:	MILES FEDERAL 2 Sec 7 T26N R7W SESW 950FSL 1480FWL 36.496338 N Lat, 107.620117 W Lon	MILES FEDERAL 2 Sec 7 T26N R7W SESW 0950FSL 1480FWL 36.496338 N Lat, 107.620117 W Lon



Job Summary for MILES FEDERAL 02 - 3003906533

Permanently Plug & Abandon Well-06/11/2020

Date	Summary
06/11/2020	MIRU Aztec Well Service PU #993. SITP 40 psig. SICP 0 psig. BD TBG to pit. Ppd dwn tbg w/26 bbls fresh wtr. RU fish tls. RIH w/2"JDC. POH. Rec bar stock plngr. RIH w/2"JDC. POH. Rec fl BHBS. LD fish tls. ND WH. NU and function test BOP, rig up for 23/8" tbg. Work tbg to release Lock set packer, TOH 24 stands dragging packer, Work tbg to release packer, TOH w/ 77 jts of 23/8" tbg, 4 1/2" Lock set packer, 82 jts of 2 3/8" tbg, SN & NC. PU & TIH w/3 7/8" bit/casing scraper, to 3509'. SWI. SDFN.
06/12/2020	0 psi SITP 0 psi SICP, Continue TIH with bit/scraper to 6533. Work scraper @4372' and 6497', TOH, lay down bit/scraper. Make up 4 1/2" CICR, TIH and set retainer @6518', 49' above top Dakota perf @ 6567'. Pressure test tbg to 1000 psi, test was good. Sting out of retainer, Roll hole with 80 bbls of fresh water. Attempt to pressure test 4 1/2" casing to 600 psi, test failed, lost 50 psi per minute. Mix and pump 20 sks (4.2 bbls) of 15.8# 1.18 yield class G cement, Displace with 23.5 bbls of fresh water. Calculated TOC @6254' (Dakota/Graneros). Lay down 9 jts of 2 3/8" tbg, TOH with remaining tbg. Rig up wireline, Run CBL from 6200' to surface, Send E copy to BLM/NMOCD. SWI, SDFWE. Witnessed by Mr. Mark Decker with BLM
06/15/2020	Travel to location, hold pjsm. 0 psi SICP, 0 psi on braden head. Rig up wireline, RIH with 3 1/8" perf gun, tag cement stringer @ 6148', pull up to 5810', perforate 4 spf. POH, Attempt to establish injection rate @ less than 1/4 bpm @ 1000 psi (no rate). TIH open ended with 2 3/8" tbg, tag TOC @ 6254' (Graneros top @ 6420'). Pull EOT to 5860'(Gallup 5575' – 5475') Mix and pump 33 sks ((6.9 bbls) of 15.8" 1.18 yield class G cement W/ 2% calcium, displace with 20.5 gallons of fresh water, Lay down 15 jts, TOH with remaining tbg (wet). WOC 4 hrs. RIH with 3 1/8" perf gun, tag TOC @ 5475', pull up and perforate 4 spf @4670' (Mancos 4670' – 4570'). POH, attempt to establish injection rate, less than 1/4 bpm @ 600 psi (no rate). TIH open ended with 2 3/8" tbg to 4716', mix and pump 15 sks (3.1 bbls) of 15.8# 1.18 yield class G cement. Displace with 17.5 bbls of fresh water, lay down 7 jts, TOH 5 stands, reverse circulate 20 bbls. SWI. SDFN. WOC overnight. Witnessed by Mr. Mark Decker with BLM. Mr. Brandon Powell with NMOCD gave verbal approval.
06/16/2020	Travel to location, hold pjsm, 0 psi SICP, 0 psi on braden head. TIH, tag TOC @4623'(Mancos top). Mesa Verde (3782' – 3682') TOH laying down 2 3/8" tbg, set EOT @3786', mix and pump 15 sks, (3.1 bbls) of 15.8# 1.18 yield class G cement with 1% calcium, displace with 14 bbls of fresh water, TOH 10 jts, reverse circulate 17 bbls. WOC 5 hrs (08:30 – 13:30), TIH, tag TOC @3560'. Pressure test 4 1/2" casing to 540 psi for 30 minutes from cement plug @3560' to surface, test was good. Chacra (3079' – 2979') TOH laying down tbg, set EOT @3078', mix and pump 12 sks, (2.5 bbls) of 15.8# 1.18 yield class G cement, displace with 10.5 bbls of fresh water. Fruitland coal/Picture cliffs (2205' – 1900') TOH laying down tbg. set EOT @2197', mix and pump 27 sks (5.7bbls) of 15.8# 1.18 yield class G cement, displace with 6.5 bbls of fresh water. Ojo Alamo/Kirtland (1550' – 1170') TOH laying down tbg, set EOT @1563', mix and pump 33 sks (6.9 bbls) of 15.8# 1.18 yield class G cement, displace with 4 bbls of fresh water. Lay down remaining tbg, SWI. SDFN. Witnessed by Mr. Mark Decker with BLM. Mr. Brandon Powell with NMOCD gave verbal approval.

**Job Summary for MILES FEDERAL 02 -
3003906533****Permanently Plug & Abandon Well-06/11/2020**

06/17/2020	Travel to location, hold pjsm, 0 psi SICP, 0 psi on braden head. Rig up wireline. RIH and perforate 4spf @350' (8 5/8" shoe @270'). Pump 3 bbls of fresh water down casing to establish circulation out braden head. Nipple down BOP, nipple up wellhead. Mix and pump 107 sks (22.5 bbls) of 15.8# 1.18 yield class G cement, circulate 1 bbl out braden head. Cut off wellhead, Install P&A marker. Pump 13 sks (2.7 bbls) of cement to top off casing and fill cellar. RDMO Aztec Well Sevicng PU #993. Witnessed by Mr. Mark Decker with BLM. Verbal approval from Mr. Brandon Powell with NMOCD.



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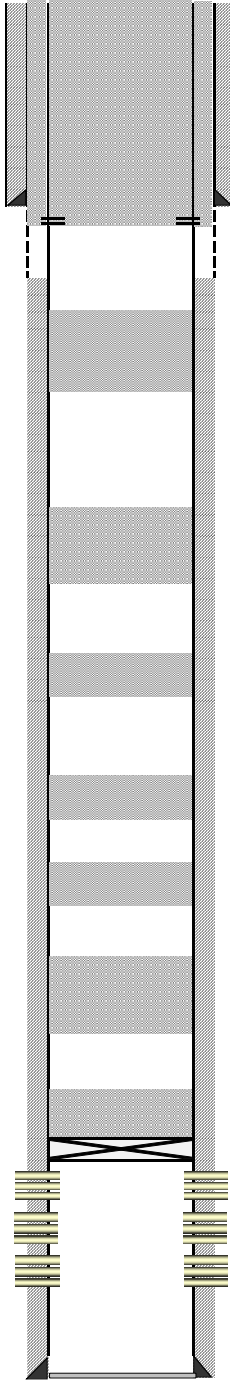
Cross Timbers Energy, LLC

Well: Miles Federal #002 - AS PLUGGED WBD				Field: Basin Dakota			Date: 06/18/2020		
Loc: 950' FSL & 1480' FWL				T26N-R7W-S5					
County: Rio Arriba				State: New Mexico					
API# 30-039-06533			Size, in	Wgt, lb/ft	Grade	Hole Size	Depth	Cmt - SX	
KB: 6188'		Surf. Csg:	8-5/8	24#	J-55	12-1/4"	270	140 sx Class C to Surf	
GL: 6175'									
SPUD: June 14, 1965		Prod Csg:	4-1/2	10.5-11.6#	J-55	7-7/8	6754	400 sx	
COMPLETION: July 13, 1965									
MTD: 6754'		PBTD: 6750'		CURRENT STATUS: P&A					

Surface Casing
8-5/8 @
270 ft
cmt 275 to surf.

Production
Casing
4-1/2 @
6754 ft
Cmt w/ 1600 sx
w/ 67 sx excess to surf

Perfs
6567' - 6622'



Plug 8: 120 SX Cement F/ 0' - 350'
Perf 4-1/2" casing @ 350'

Plug 7: 33 SX Cement F/ 1117' - 1563'
Top of Ojo Alamo: 1220'
Top of Kirtland: 1500'

Plug 6: 27 SX Cement F/ 1842' - 2207'
Top of Fruitland: 1950'
Top of Pictured Cliffs: 2155'

Plug 5: 12 SX Cement F/ 2916' - 3078'
Top of Chacra: 3029'

Plug 4: 15 SX Cement F/ 3560' - 3786'
Top of Cliff House/Mesa Verde: 3732'

Plug 3: 15 SX Cement F/ 4527' - 4716'
Top of Mancos: 4620'

Plug 2: 33 SX Cement F/ 5475' - 5860'
Top of Gallop: BLM-5766' OCD-5525'

Plug 1: 20 SX Cement F/ 6254' - 6518'
CICR @ 6518'
Top of Dakota: 6420'
Dakota Perfs: 6567' - 6622'

Formation	Comments/Tops	Perforations/ Remarks
1 DAKOTA		6567-6573; 6584-6593; 6608-6622

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 18450

CONDITIONS OF APPROVAL

Operator:	CROSS TIMBERS ENERGY, LLC	400 West 7th Street	Fort Worth, TX76102	OGRID:	298299	Action Number:	18450	Action Type:	C-103P
OCD Reviewer	Condition								
mkuehling	None								