

Well Name: FOSTER	Well Location: T25N / R7W / SEC 7 / SENE / 36.417236 / -107.609619	County or Parish/State: RIO ARRIBA / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM67988	Unit or CA Name:	Unit or CA Number:
US Well Number: 300396010900S1	Well Status: Abandoned	Operator: MORNINGSTAR OPERATING LLC

Subsequent Report

Sundry ID: 2704043

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 11/21/2022	Time Sundry Submitted: 12:41
Date Operation Actually Began: 11/11/2022	

Actual Procedure: MorningStar Operating LLC has plugged and abandoned the Foster #1 as of 11/17/2022. Attached are the Daily and Cement Reports, Final WBD, and CBL.

SR Attachments

- Actual Procedure
- FOSTER_1_CBL_20221121124048.pdf
 - Daily_and_Cement_Reports_Final_WBD_Foster_1_20221121124037.pdf

Well Name: FOSTER	Well Location: T25N / R7W / SEC 7 / SENE / 36.417236 / -107.609619	County or Parish/State: RIO ARRIBA / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM67988	Unit or CA Name:	Unit or CA Number:
US Well Number: 300396010900S1	Well Status: Abandoned	Operator: MORNINGSTAR OPERATING LLC

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: CONNIE BLAYLOCK

Signed on: NOV 21, 2022 12:40 PM

Name: MORNINGSTAR OPERATING LLC

Title: Regulatory Technician

Street Address: 400 W 7th St.

City: Forth Worth

State: TX

Phone: (817) 334-7882

Email address: CBLAYLOCK@MSPARTNERS.COM

Field

Representative Name: Amy Byars

Street Address:

City:

State:

Zip:

Phone:

Email address: abyars@mspartners.com

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 11/21/2022

Signature: Kenneth Rennick

Morningstar Operating LLC

Plug And Abandonment End Of Well Report

Foster #001

1730' FSL & 935' FEL, Section 7, 25N, 07W

Rio Arriba County, NM / API 30-039-60109

Work Summary:

- 11/10/22** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 11/11/22** Arrived at location and held safety meeting. Moved equipment onto new location. R/U Drake unit 34.
- 11/14/22** Arrived at location and held safety meeting. Moved equipment onto new location. Checked well pressures: Tubing 60 psi, Casing: 60 psi, Bradenhead: 60 psi Bled down well. R/U equipment. ND WH, NU BOP, and RU floor. Function tested BOP. Waited on slips for 1" tubing. Secured and shut in well for the day.
- 11/15/22** Arrived on location and held safety meeting. Checked well pressures: Tubing 60 psi, Casing: 60 psi, Bradenhead: 60 psi. Bled down well. Set up equipment. Laid down 106 joints of 1" pipe. Swap rams, elevators, and slips to accommodate 2-3/8" tubing. P/U bit and scraper. TIH to 2260'. Lay down 2 joints and TOOH. L/D scraper and P/U CR. TIH and set CR at 2213'. Circulate hole with 55 bbls. Experienced cement pump issues. TOOH. R/U wireline services. RIH and logged well. TIH with tubing to 2211'. R/U cement services. Pumped plug #1 from 2211' to approximately 1833' to cover the Fruitland formation top. Laid down 14 joints and TOOH. Secured and shut in well. Winterized all equipment.
- 11/16/22** Arrived on location and held safety meeting. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and Tagged top of plug #1 at 1850'. Attempted to pressure

test casing but was unsuccessful. R/U cementing services. Continued pumping plug #1 from 1850' to 1389' with 45 sx of cement. L/D 16 joints and TOOH. WOC 4 hours. TIH and tagged top of plug #1 at 1387. Attempted to pressure test casing but was unsuccessful. TOOH. R/U wireline services. RIH and perforated at 718'. POOH. P/U 5.5" packer. TIH and set packer at 620'. Successfully establish injection rate (2 bbls 90 PSI). TOOH. Pick up CR. TIH and set CR at 668'. R/U cementing services. Pumped plug #2 from 718' to approximately 583' with 37 sx (10 sx inside 27 sx in annulus). L/D 16 joints and POOH. WOC overnight. Secured and shut in well. Winterized all equipment.

11/17/22 Arrived on location and held safety meeting Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with 10 stands and tagged top of plug #2 at 625'. Attempted to pressure test casing but was unsuccessful. R/U wireline services. RIH and perforate at 154'. POOH. P/U packer. TIH and set packer at 126'. Attempted to pressure test casing above packer but was unsuccessful, circulated through bradenhead. TOOH and L/D packer. P/U CR. TIH and set CR at 126'. R/U cementing services. Pumped plug #3 from 154' to surface with 49 sx of cement, 32sx outside and 17 sx inside. TOOH and L/D tubing. R/D floor. Nipple down. Dug out wellhead and preformed cutoff. Tagged top of cement at 15' in 5.5" casing. Preformed top off with 3 sx of cement. Installed P&A marker per NMOCD and BLM regulations. R/D and prepare to MOL.

Plug Summary:

Plug #1: (Pictured Cliffs Perforations. Pictured Cliffs, Kirtland, Fruitland and Ojo Alamo Fruitland formation top 2,211'-1,387', 82 Sacks Type III Cement)

P/U CR. TIH and set CR at 2213'. Circulate hole with 55 bbls. TOOH. R/U wireline services. RIH and logged well. TIH with tubing to 2211'. R/U cement services. Pumped plug #1 from 2211' to approximately 1833' to cover the Fruitland formation top. TIH and Tagged top of plug #1 at 1850'. Attempted to pressure test casing but was unsuccessful. R/U cementing services. Continued pumping plug #1 from 1850' to 1389' with 45 sx of cement. L/D 16 joints and TOOH. WOC 4 hours. TIH and tagged top of plug #1 at 1387. Attempted to pressure test casing but was unsuccessful.

Plug #2: (Nacimiento Formation Top 718'-625', 37 Sacks Type III Cement)

R/U wireline services. RIH and perforated at 718'. POOH. P/U 5.5" packer. TIH and set packer at 620'. Successfully establish injection

rate (2 bbls 90 PSI). TOOH. Pick up CR. TIH and set CR at 668'. R/U cementing services. Pumped plug #2 from 718' to approximately 583' with 37 sx (10 sx inside 27 sx in annulus). TIH with 10 stands and tagged top of plug #2 at 625'.

Plug #3: (Surface Casing Shoe, 154' to surface', 52 Sacks Type III Cement [3 sx for top off])

R/U wireline services. RIH and perforate at 154'. POOH. P/U packer. TIH and set packer at 126'. Attempted to pressure test casing above packer but was unsuccessful, circulated through bradenhead. TOOH and L/D packer. P/U CR. TIH and set CR at 126'. R/U cementing services. Pumped plug #3 from 154' to surface with 49 sx of cement, 32sx outside and 17 sx inside. Tagged top of cement at 15' in 5.5" casing. Preformed top off with 3 sx of cement. Installed P&A marker per NMOCD and BLM regulations.

P & A Daily Report



PO Box 538 Farmington, NM 87499 505.327.7301

Company:	Morningstar Operating
Well Name:	Foster #001
API #:	30-039-60109
Date:	11/11/2022

WORK SUMMARY

Arrived at location and held safety meeting. Moved equipment onto new location. R/U Drake unit 34.

PLUG SUMMARY

<u>Plug No</u>	<u>Plug Depth</u>	<u>Sacks of Cement Used</u>
Plug 1	To	
Plug 2	To	
Plug 3	To	
Plug 4	To	
Plug 5	To	
Plug 6	To	
Plug 7	To	
Plug 8	To	
Plug 9	To	

BRIDGE PLUG/CEMENT RETAINER SUMMARY

<u>Depth Set</u>

WELL PRESSURES

Tubing	0 psi
Casing	0 psi
Bradenhead	0 psi

P & A Daily Report



PO Box 538 Farmington, NM 87499 505.327.7301

Company:	Morningstar Operating
Well Name:	Foster #001
API #:	30-039-60109
Date:	11/14/2022

WORK SUMMARY

Arrived at location and held safety meeting. Moved equipment onto new location. R/U equipment. ND WH, NU BOP, and RU floor. Function tested BOP. Checked well pressures (see pressures below). Bled down well. Waited on slips for 1" tubing. Secured and shut in well for the day.

PLUG SUMMARY

<u>Plug No</u>	<u>Plug Depth</u>	<u>Sacks of Cement Used</u>
Plug 1 _____ To _____	_____	_____
Plug 2 _____ To _____	_____	_____
Plug 3 _____ To _____	_____	_____
Plug 4 _____ To _____	_____	_____
Plug 5 _____ To _____	_____	_____
Plug 6 _____ To _____	_____	_____
Plug 7 _____ To _____	_____	_____
Plug 8 _____ To _____	_____	_____
Plug 9 _____ To _____	_____	_____

BRIDGE PLUG/CEMENT RETAINER SUMMARY

Depth Set

WELL PRESSURES

Tubing	_____ 60 psi
Casing	_____ 60 psi
Bradenhead	_____ 60 psi

P & A Daily Report



PO Box 538 Farmington, NM 87499 505.327.7301

Company:	Morningstar Operating
Well Name:	Foster #001
API #:	30-039-60109
Date:	11/15/2022

WORK SUMMARY

Arrived at location and held safety meeting. Checked well pressures (see pressures below). Bled down well. Set up equipment. Laid down 106 joints of 1" pipe. Swap rams, elevators, and slips to accommodate 2-3/8" tubing. P/U bit and scraper. TIH to 2260'. Lay down 2 joints and TOO. L/D scraper and P/U CR. TIH and set CR at 2213'. Circulate hole with 55 bbls. Experienced cement pump issues. TOO. R/U wireline services. RIH and logged well. TIH with tubing to 2211'. R/U cement services. Pumped plug #1 from 2211' to approximately 1833' to cover the Fruitland formation top. Laid down 14 joints and TOO. Secured and shut in well. Winterized all equipment.

PLUG SUMMARY

<u>Plug No</u>		<u>Plug Depth</u>	<u>Sacks of Cement Used</u>
Plug 1	2211'	To 1833'	37 sx
Plug 2		To	
Plug 3		To	
Plug 4		To	
Plug 5		To	
Plug 6		To	
Plug 7		To	
Plug 8		To	
Plug 9		To	

BRIDGE PLUG/CEMENT RETAINER SUMMARY

<u>Depth Set</u>
2213'

WELL PRESSURES

Tubing	60 psi
Casing	60 psi
Bradenhead	60 psi

P & A Daily Report



PO Box 538 Farmington, NM 87499 505.327.7301

Company:	Morningstar Operating
Well Name:	Foster #001
API #:	30-039-60109
Date:	11/16/2022

WORK SUMMARY

Arrived at location and held safety meeting. Checked well pressures (see pressures below). Bled down well. TIH and Tagged top of plug #1 at 1850'. Attempted to pressure test casing but was unsuccessful. R/U cementing services. Continued pumping plug #1 from 1850' to 1389' with 45 sx of cement. L/D 16 joints and TOOH. WOC 4 hours. TIH and tagged top of plug #1 at 1387. Attempted to pressure test casing but was unsuccessful. TOOH. R/U wireline services. RIH and perforated at 718'. POOH. P/U 5.5" packer. TIH and set packer at 620'. Successfully establish injection rate (2 bbls 90 PSI). TOOH. Pick up CR. TIH and set CR at 668'. R/U cementing services. Pumped plug #2 from 718' to approximately 583' with 37 sx (10 sx inside 27 sx in annulus). L/D 16 joints and POOH. WOC overnight. Secured and shut in well. Winterized all equipment.

PLUG SUMMARY

Plug No	Plug Depth	Sacks of Cement Used
Plug 1 2211'	To 1387'	82 sx
Plug 2 718'	To 583'	37 sx (10 inside 27 outside)
Plug 3	To	
Plug 4	To	
Plug 5	To	
Plug 6	To	
Plug 7	To	
Plug 8	To	
Plug 9	To	

BRIDGE PLUG/CEMENT RETAINER SUMMARY

Depth Set
2213'
668'

WELL PRESSURES

Tubing	0 psi
Casing	0 psi
Bradenhead	0 psi

P & A Daily Report

Drake

WELL SERVICE INC.



PO Box 538 Farmington, NM 87499 505.327.7301

Company: Morningstar Operating

Well Name: Foster #001

API #: 30-039-60109

Date: 11/17/2022

WORK SUMMARY

Arrived at location and held safety meeting. Checked well pressures (see pressures below). Bled down well. TIH with 10 stands and tagged top of plug #2 at 625'. Attempted to pressure test casing but was unsuccessful. R/U wireline services. RIH and perforate at 154'. POOH. P/U packer. TIH and set packer at 126'. Attempted to pressure test casing above packer but was unsuccessful, circulated through bradenhead. TOOH and L/D packer. P/U CR. TIH and set CR at 126'. R/U cementing services. Pumped plug #3 from 154' to surface with 49 sx of cement, 32sx outside and 17 sx inside. TOOH and L/D tubing. R/D floor. Nipple down. Dug out wellhead and preformed cutoff. Tagged top of cement at 15' in 5.5" casing. Preformed top off with 3 sx of cement. Installed P&A marker per NMOCD and BLM regulations. R/D and prepare to MOL.

PLUG SUMMARY

<u>Plug No</u>		<u>Plug Depth</u>		<u>Sacks of Cement Used</u>
Plug 1	2211'	To	1387'	82 sx
Plug 2	718'	To	625'	37 sx (10 inside 27 outside)
Plug 3	154'	To	Surface	52 sx (3 for top off)
Plug 4		To		
Plug 5		To		
Plug 6		To		
Plug 7		To		
Plug 8		To		
Plug 9		To		

BRIDGE PLUG/CEMENT RETAINER SUMMARY

<u>Depth Set</u>
2213'
668'
126'

WELL PRESSURES

Tubing	0 psi
Casing	0 psi
Bradenhead	0 psi

MorningStar Operating, LLC

Foster 1
Rio Arriba County, NM

TD – 2,416'; PBTD – 2,385'

Surface Csg: 3 jts 8 5/8" 24#, J-55
Setting Depth: 104'

Cement
70sx Cement
Cmt circulated

7 7/8" in hole size
Production Csg: 75 jts 5-1/2" 15.5# J-55
Setting Depth: 2,415'

Cement:
100 sx cement

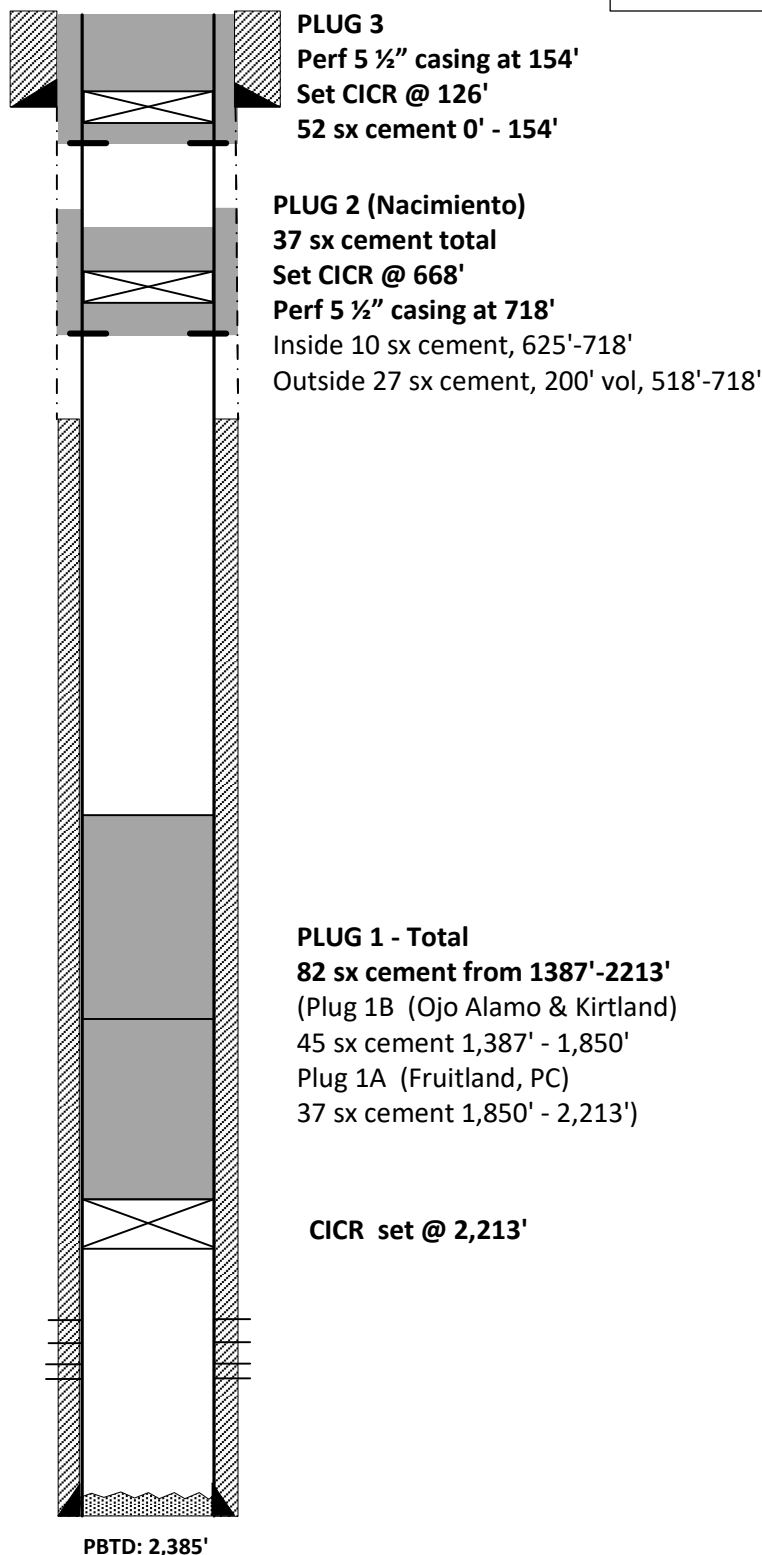
P&A WBD

Prepared by: J. Marshall
Updated by: JRyza
Date: 11/18/2022

GL = 6,507'
API# 30-039-60109

Spud Date: 07/17/1958
Date Completed: 07/25/1958

Nacimiento – 668'
Ojo Alamo – 1,524'
Kirtland – 1,737'
Fruitland – 1,956'
Picture Cliffs – 2,274'



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

COMMENTS

Action 160498

COMMENTS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 160498
	Action Type: [C-103] Sub. Plugging (C-103P)

COMMENTS

Created By	Comment	Comment Date
mkuehling	First plug went through ojo with 60 psi on bradenhead	12/2/2022

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 160498

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 160498
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Well plugged 11/17/22	12/2/2022