

Well Name: MF	Well Location: T24N / R10W / SEC 13 / SESE / 36.308807 / -107.841324	County or Parish/State: SAN JUAN / NM
Well Number: 2	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM16760	Unit or CA Name:	Unit or CA Number:
US Well Number: 300452499500S1	Well Status: Abandoned	Operator: DUGAN PRODUCTION CORPORATION

Subsequent Report

Sundry ID: 2724528

Type of Submission: Subsequent Report

Date Sundry Submitted: 04/05/2023

Date Operation Actually Began: 02/20/2023

Type of Action: Plug and Abandonment

Time Sundry Submitted: 12:33

Actual Procedure: Dugan Production P&A'd the well as per the following procedure on 2/20/2023 - 2/27/2023: 1) MI&RU Aztec Rig #481 and cement equipment. Pull and LD rods. TOO H w/2-3/8" production tubing. Run 4½" casing scraper to 6355'. RIH w/4½" cement retainer and set @ 6303'. Load hole. Run CBL from 6303' to surface. TOC from CBL approximately around 5030' & 1640'. Sent copies to BLM/OCD. 2) Pressure test work string to 1000 psi. Pressure test casing to 600 psi for 30 minutes. Slow leak on casing. 3) Spot Plug I above CR from 6303' to cover the perforations and Dakota top w/18 sks (20.7 cu ft) Class G cement (1.15 cu ft/sk, 15.8#/gal, 5 gal/sk mix water) w/50' excess. Displaced w/23.5 bbls water. WOC overnight. Tagged TOC @ 6068'. Good tag. Plug I, Dakota, inside 4½" casing, 18 sks, 20.7 cu ft, 6068'-6303'. 4) TOO H w/all tubing. RU wireline & perforate @ 5010'. Depth change from original approved procedure to attempt to squeeze cement behind casing above the cement top from CBL @ 5030'. TIH w/4½" CR and set CR @ 4993'. Sting in CR and try to establish rate. No rate. Pressure @ 1500 psi. Sting out of the CR & spot plug above the cement retainer, inside 4½" casing from 4993' to cover Gallup top w/22 sks (25.3 cu ft) Class G cement w/50' excess. Displaced w/18.2 bbls water. WOC 4 hrs. Tagged TOC @ 4790'. Good tag, Plug II, Gallup, inside 4½" casing, 22 sks, 25.3 cu ft, 4790'-4993'. 5) Spot Plug III inside 4½" casing from 4393' to cover the Mancos top w/18 sks (20.7 cu ft) Class G cement w/50' excess. Displaced w/16 bbls water. WOC overnight. Tagged TOC @ 4194'. Good tag. Plug III, Mancos, inside 4½" casing, 18 sks, 20.7 cu ft, 4194'-4393'. 6) TIH w/4½" CR and set CR @ 3200'. Spot Plug IV above the cement retainer, inside 4½" casing from 3200' to cover the Mesaverde top w/18 sks (20.7 cu ft) Class G cement w/50' excess. Displace w/11.5 bbls cement. WOC 4 hrs. Tagged TOC @ 2950'. Good tag. Plug IV, Mesaverde, inside 4½" casing, 18 sks, 20.7 cu ft, 2950'-3200'. 7) Spot Plug V inside 4½" casing from 2146' to cover the Chacra & Pictured Cliffs tops w/54 sks (62.1 cu ft) Class G cement w/50' excess. Displace w/5.6 bbls water. WOC overnight. Tagged TOC @ 1396'. Good tag. Plug V, Chacra-Pictured Cliffs,

Accepted for record – NMOCD

JRH - 05/03/2023

Well Name: MF	Well Location: T24N / R10W / SEC 13 / SESE / 36.308807 / -107.841324	County or Parish/State: SAN JUAN / NM
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US Well Number: 300452499500S1	Well Status: Abandoned	Operator: DUGAN PRODUCTION CORPORATION

inside 4½" casing, 54 sks, 62.1 cu ft, 1396'-2146'. 8) RU wireline & perforate casing @ 1237'. Set 4½" CR @ 1223'. Sting in CR. Spot & squeeze inside outside Plug VI from 1237' to cover the Fruitland-Kirtland-Ojo Alamo tops w/273 sks (314 cu ft) Class G cement w/excess as required. Displaced w/2 bbls water. Total cement 273 sks, 314 cu ft, 217 sks, 249.6 cu ft behind the casing, 1 sk below the CR, 55 sks, 63.3 cu ft, above the CR. WOC overnight. Tagged TOC @ 508'. Good tag. Plug VI, Fruitland-Kirtland-Ojo Alamo, inside 4½" casing, 273 sks, 314 cu ft, 508'-1237'. 9) RU wireline & perforate casing @ 250'. TIH to 300' EOT. Spot & squeeze Plug VII inside-outside 4½" casing from 300' to surface to cover the surface casing shoe w/135 sks (155.3 cu ft) Class G cement w/excess added. Circulate cement to surface through bradenhead. WOC & cut wellhead. TOC @ surface. Plug VII, surface, inside-outside 4½" casing, 135 sks, 155.3 cu ft, 0-300'. 10) Mix and pump 25 sks (28.8 cu ft) Class G cement to install dry hole marker & fill cellar. Clean location. RD Aztec Rig 481 & cement equipment. Well P&A'd 2/27/2023. Jimmy Dobson w/Farmington BLM FO witnessed job.

SR Attachments

Actual Procedure

MF_2_Post_PA_20230405121935.pdf

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: TYRA FEIL
Name: DUGAN PRODUCTION CORPORATION
Title: Authorized Representative
Street Address: PO Box 420
City: Farmington State: NM
Phone: (505) 325-1821
Email address: tyrafeil@duganproduction.com

Signed on: APR 05, 2023 12:20 PM

Field

Representative Name: ALIPH REENA
Street Address: PO BOX 420
City: FARMINGTON State: NM
Phone: (505)325-1821
Email address: Aliph.Reena@duganproduction.com

Zip: 87499-0420

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US Well Number: 300452499500S1	Well Status: Abandoned	Operator: DUGAN PRODUCTION CORPORATION

BLM Point of Contact

BLM POC Name: MATTHEW H KADE	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647736	BLM POC Email Address: MKADE@BLM.GOV
Disposition: Accepted	Disposition Date: 04/06/2023
Signature: Matthew Kade	

Dugan Production P&A'd the well as per the following procedure on 02/20/2023-02/27/2023:

- MI RU Aztec Rig 481 and cement equipment. Pull and LD rods. TOOH w/2-3/8" production tubing. Run 4½" casing scraper to 6355'. RIH w/4 ½" cement retainer and set @ 6303'. Load hole. Run CBL from 6303' to surface. TOC from CBL approximately around 5030' & 1640'. Sent copies to BLM/OCD.
- Pressure test work string to 1000 psi. Pressure test casing to 600 psi for 30 minutes. Slow leak on casing.
- Spot Plug I above CR from 6303' to cover the perforations and Dakota top w/18 sks (20.7 cu ft) Class G cement (1.15 cu ft/sk, 15.8#/gal, 5 gal/sk mix water) w/50' excess. Displaced w/23.5 bbls water. WOC overnight. Tagged TOC @ 6068'. Good tag. Plug I, Dakota, Inside 4½" casing, 18 sks, 20.7 cu ft, 6068'-6303'
- TOOH w/all tubing. RU Wireline & perforate @ 5010'. Depth change from original approved procedure to attempt to squeeze cement behind casing above the cement top from CBL @ 5030'. TIH w/4½" CR and set CR @ 4993'. Sting in CR and try to establish rate. No rate. Pressure @ 1500 psi. Sting out of the CR & spot Plug above the cement retainer, inside 4½" casing from 4993' to cover Gallup top w/22 sks (25.3 cu ft) Class G cement w/50' excess. Displaced w/18.2 bbls water. WOC 4 hrs. Tagged TOC @ 4790'. Good tag. Plug II, Gallup, inside 4½" casing, 22 sks, 25.3 cu ft, 4790'-4993'
- Spot Plug III inside 4½" casing from 4393' to cover the Mancos top w/18 sks (20.7 cu ft) Class G cement w/50' excess. Displaced w/16 bbls water. WOC overnight. Tagged TOC @ 4194'. Good tag. Plug III, Mancos, inside 4½" casing, 18 sks, 20.7 cu ft, 4194'-4393'.
- TIH w/4 ½" CR and set CR @ 3200'. Spot Plug IV above the cement retainer, inside 4½" casing from 3200' to cover the Mesaverde top w/18 sks (20.7 cu ft) Class G cement w/50' excess. Displace w/11.5 bbls cement. WOC 4 hrs. Tagged TOC @ 2950'. Good tag. Plug IV, Mesaverde, inside 4½" casing, 18 sks, 20.7 cu ft, 2950'-3200'.
- Spot Plug V inside 4½" casing from 2146' to cover the Chacra & Pictured Cliffs tops w/54 sks (62.1 cu ft) Class G cement w/50' excess. Displace w/5.6 bbls water. WOC Overnight. Tagged TOC @ 1396'. Good tag. Plug V, Chacra-Pictured Cliffs, inside 4½" casing, 54 sks, 62.1 cu ft, 1396'-2146'.
- RU wireline & perforate casing @ 1237'. Set 4½" CR @ 1223'. Sting in CR. Spot & squeeze inside outside Plug VI from 1237' to cover the Fruitland-Kirtland-Ojo Alamo tops w/273 sks (314 cu ft) Class G cement w/excess as required. Displaced w/2 bbls water. Total cement 273 sks, 314 cu ft, 217 sks, 249.6 cu ft behind the casing, 1 sk below the CR, 55 sks, 63.3 cu ft, above the CR. WOC overnight. Tagged TOC @ 508'. Good tag. Plug VI, Fruitland-Kirtland-Ojo Alamo, Inside 4½" casing, 273 sks, 314 cu ft, 508'-1237'.
- RU wireline & perforate casing @ 250'. TIH to 300' EOT. Spot & squeeze Plug VII inside-outside 4½" casing from 300' to surface to cover the surface casing shoe w/135 sks (155.3 cu ft) Class G cement w/excess added. Circulate cement to surface through bradenhead. WOC & cut wellhead off. TOC @ surface. Plug VII, Surface, Inside-Outside 4½" casing, 135 sks, 155.3 cu ft, 0'-300'.
- Mix and pump 25 sks (28.8 cu ft) Class G cement to install dry hole marker & fill cellar. Clean location. RD Aztec Rig 481 & cement equipment. Well P&A'd 02/27/2023. Jimmy Dobson w/Farmington BLM FO witnessed job.

MF # 2

Basin Dakota

8-5/8" 24# casing @ 217'. Cemented with 150 sks, Class B cement w/ 2% CaCl₂ (172.5 Cu.ft). Circulated cement to surface. Hole size: 12-1/4

Perforated @ 250'. EOT @ 300'. Squeeze & circulate cement to surface
w/ 135 sks Class G @ 0-300' (155.3 cu.ft)
Plug VII, Inside/Outside, Surface, 0-300'

Perforated @ 1237'. Inside/outside plug w/ 273 sks Class G @ 508'-1237' (314 cu.ft)
Plug VI, Inside/Outside, Fruitland-Kirtland-Ojo Alamo, 508'-1237'

Inside plug w/ 54 sks Class G @ 1396'-2146' (62.1 cu.ft)
Plug V, Inside, Chacra-Pitcured Cliffs, 1396'-2146'

Cemented Stage I w / 250 sks Class B cement. Cemented stage II w / 400 sks 65-35-12 followed by 100 sks CLASS. Total cement for the job, 1757 Cu.ft.
DV Tool @ 4442'. Hole size: 7-7/8"

CR @ 3200'. Inside plug w/ 18 sks Class G @ 2950'-3200' (20.7 cu.ft)
Plug IV, Inside, Mesaverde, 2950'-3200'

Inside plug w/ 18 sks Class G @ 4194'-4393' (20.7 cu.ft)
Plug III, Inside, Mancos, 4194'-4393'

Perforate @ 5010'. Inside plug w/ 22 sks Class G @ 4790'-4993' (25.3 cu.ft)
Plug II, Inside 4 1/2", Gallup, 4790'-4993'

Set CIBP @ 6303'.
Spot inside plug w/ 18 sks Class G @ 6068'-6303' (20.7 cu.ft).
Plug I, Inside 4 1/2", Dakota, 6068'-6303'

Dakota Perforated @ 6352'-6370'

4 1/2" 10.5 # J-55 casing @ 6456'. PBTD @ 6395'

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 204765

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 204765
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	5/3/2023