

Well Name: BETTY C	Well Location: T24N / R7W / SEC 31 / SWSE / 36.265594 / -107.61142	County or Parish/State: RIO ARRIBA / NM
Well Number: 2-31	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM014023	Unit or CA Name:	Unit or CA Number:
US Well Number: 300392263400S1	Well Status: Abandoned	Operator: DUGAN PRODUCTION CORPORATION

Subsequent Report

Sundry ID: 2725071

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 04/10/2023

Time Sundry Submitted: 02:53

Date Operation Actually Began: 02/27/2023

Actual Procedure: Dugan Production P&A'd the well as per the following procedure on 02/27/2023-03/07/2023: 1) MI RU Aztec Rig 481 & Aztec cement equipment. Spot equipment and RU floor. Pull and LD rods. TOO H w/2-3/8" production tubing. Run 4½" casing scraper to 5520'. RIH w/4½" CIBP and set @ 5490'. 2) Load hole. Pressure test work string. Pressure test casing to 600 psi for 30 minutes. Casing tested good. 3) Run CBL from 5490' to surface. Sent copies to BLM/OCD. 4) Spot Plug I above CIBP from 5490' to 5310' to cover the Gallup top w/14 sks (16.1 cu ft) Class G cement (1.15 cu ft/sk, 15.8#/gal, 5 gal/sk mix water). Displace w/20.5 bbls water. Plug I, Gallup, inside 4½" casing, 14 sks, 16.1 cu ft, 5310'-5490'. 5) Spot Plug II inside 4½" casing from 4625' to 4471' to cover Mancos top w/12 sks (13.8 cu ft) Class G cement. Displaced w/17.3 bbls water. Plug II, Mancos, Inside 4½" casing, 12 sks, 13.8 cu ft, 4471'-4625'. 6) Spot Plug III inside 4½" casing from 3573' to 3419' to cover the Mesaverde top w/12 sks (13.8 cu ft) Class G cement. Displace w/13.2 bbls water. Plug III, Mesaverde, inside 4½" casing, 12 sks, 13.8 cu ft, 3419'-3573'. 7) Spot Plug IV inside 4½" casing from 2532' to 2375' to cover the Chacra top w/12 sks (13.8 cu ft) Class G cement w/50' excess added. Displace w/9 bbls water. Plug IV, Chacra, inside 4½" casing, 12 sks, 13.8 cu ft, 2375'-2532'. 8) Spot Plug V inside 4½" casing from 2050' to 1893' to cover the Pictured Cliffs top w/12 sks (13.8 cu ft) Class G cement. Displace w/7.3 bbls water. Plug V, Pictured Cliffs, inside 4½" casing, 12 sks, 13.8 cu ft, 1893'-2050'. 9) Spot Plug VI inside 4½" casing from 1605' to 1360' to cover the Fruitland and Kirtland formation tops w/19 sks (22 cu ft) Class G cement. Displace w/5 bbls water. Plug VI, Fruitland-Kirtland, inside 4½" casing, 19 sks, 22 cu ft, 1360'-1605'. 10) Spot Plug VII inside 4½" casing from 971' to 814' to cover the Ojo Alamo top w/12 sks (13.8 cu ft) Class G cement. Displaced w/3.2 bbls water. Plug VII, Ojo Alamo, inside 4½" casing, 12 sks, 13.8 cu ft, 814'-971'. 11) Perforate @ 140' (TOC behind casing from CBL). TIH w/2-3/8" tubing to 362'. Spot & squeeze Plug VIII inside/outside 4½" casing from 362' to surface to cover the surface casing shoe w/83 sks (95.5 cu ft) Class G cement.

Accepted for record – NMOCD

JRH — 05/03/2023 —

Well Name: BETTY C	Well Location: T24N / R7W / SEC 31 / SWSE / 36.265594 / -107.61142	County or Parish/State: RIO ARRIBA / NM
Well Number: 2-31	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM014023	Unit or CA Name:	Unit or CA Number:
US Well Number: 300392263400S1	Well Status: Abandoned	Operator: DUGAN PRODUCTION CORPORATION

Circulate 1 bbl cement to surface through bradenhead. Plug VIII, Surface, Inside/Outside, 4½” casing, 83 sks, 95.5 cu ft, 0’-362’. 12) WOC 4 hrs. Cut wellhead. Tag TOC at surface inside 4½” casing and annulus. 13) Install dry hole marker w/25 sks, 28.8 cu ft, Class G cement. Fill cellar. Clean location. RD Aztec 481. Wanda Weatherford w/Farmington BLM FO witnessed job. Well P&A’d 03/07/2023.

SR Attachments

Actual Procedure

- Betty_C_31_2_Post_PA_schematic_20230410145153.pdf
- Betty_C_31_2_Post_PA_work_20230410145144.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 10, 2023 02:49 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

BLM Point of Contact

BLM POC Name: MATTHEW H KADE
BLM POC Phone: 5055647736
Disposition: Accepted
Signature: Matthew Kade

BLM POC Title: Petroleum Engineer
BLM POC Email Address: MKADE@BLM.GOV
Disposition Date: 04/10/2023

Well Name: BETTY C

Well Location: T24N / R7W / SEC 31 / SWSE / 36.265594 / -107.61142

County or Parish/State: RIO ARRIBA / NM

Well Number: 2-31

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM014023

Unit or CA Name:

Unit or CA Number:

US Well Number: 300392263400S1

Well Status: Abandoned

Operator: DUGAN PRODUCTION CORPORATION

CONFIDENTIAL

Dugan Production P&A'd the well as per the following procedure on 02/27/2023-03/07/2023:

- MI RU Aztec Rig 481 & Aztec cement equipment. Spot equipment and RU floor. Pull and LD rods. TOOH w/2-3/8" production tubing. Run 4½" casing scraper to 5520'. RIH w/4½" CIBP and set @ 5490'.
- Load hole. Pressure test work string. Pressure test casing to 600 psi for 30 minutes. Casing tested good.
- Run CBL from 5490' to surface. Sent copies to BLM/OCD.
- Spot Plug I above CIBP from 5490' to 5310' to cover the Gallup top w/14 sks (16.1 cu ft) Class G cement (1.15 cu ft/sk, 15.8#/gal, 5 gal/sk mix water). Displace w/20.5 bbls water. Plug I, Gallup, inside 4½" casing, 14 sks, 16.1 cu ft, 5310'-5490'.
- Spot Plug II inside 4½" casing from 4625' to 4471' to cover Mancos top w/12 sks (13.8 cu ft) Class G cement. Displaced w/17.3 bbls water. Plug II, Mancos, Inside 4½" casing, 12 sks, 13.8 cu ft, 4471'-4625'.
- Spot Plug III inside 4½" casing from 3573' to 3419' to cover the Mesaverde top w/12 sks (13.8 cu ft) Class G cement. Displace w/13.2 bbls water. Plug III, Mesaverde, inside 4½" casing, 12 sks, 13.8 cu ft, 3419'-3573'.
- Spot Plug IV inside 4½" casing from 2532' to 2375' to cover the Chacra top w/12 sks (13.8 cu ft) Class G cement w/50' excess added. Displace w/9 bbls water. Plug IV, Chacra, inside 4½" casing, 12 sks, 13.8 cu ft, 2375'-2532'.
- Spot Plug V inside 4½" casing from 2050' to 1893' to cover the Pictured Cliffs top w/12 sks (13.8 cu ft) Class G cement. Displace w/7.3 bbls water. Plug V, Pictured Cliffs, inside 4½" casing, 12 sks, 13.8 cu ft, 1893'-2050'.
- Spot Plug VI inside 4½" casing from 1605' to 1360' to cover the Fruitland and Kirtland formation tops w/19 sks (22 cu ft) Class G cement. Displace w/5 bbls water. Plug VI, Fruitland-Kirtland, inside 4½" casing, 19 sks, 22 cu ft, 1360'-1605'.
- Spot Plug VII inside 4½" casing from 971' to 814' to cover the Ojo Alamo top w/12 sks (13.8 cu ft) Class G cement. Displaced w/3.2 bbls water. Plug VII, Ojo Alamo, inside 4½" casing, 12 sks, 13.8 cu ft, 814'-971'.
- Perforate @ 140' (TOC behind casing from CBL). TIH w/2-3/8" tubing to 362'. Spot & squeeze Plug VIII inside/outside 4½" casing from 362' to surface to cover the surface casing shoe w/83 sks (95.5 cu ft) Class G cement. Circulate 1 bbl cement to surface through bradenhead. Plug VIII, Surface, Inside/Outside, 4½" casing, 83 sks, 95.5 cu ft, 0'-362'.
- WOC 4 hrs. Cut wellhead. Tag TOC at surface inside 4½" casing and annulus.
- Install dryhole marker w/25 sks, 28.8 cu ft, Class G cement. Fill cellar. Clean location. RD Aztec 481. Wanda Weatherford w/Farmington BLM FO witnessed job. Well P&A'd 03/07/2023.

Completed P & A Schematic

Betty C 31 # 2

Dugan Production Corp

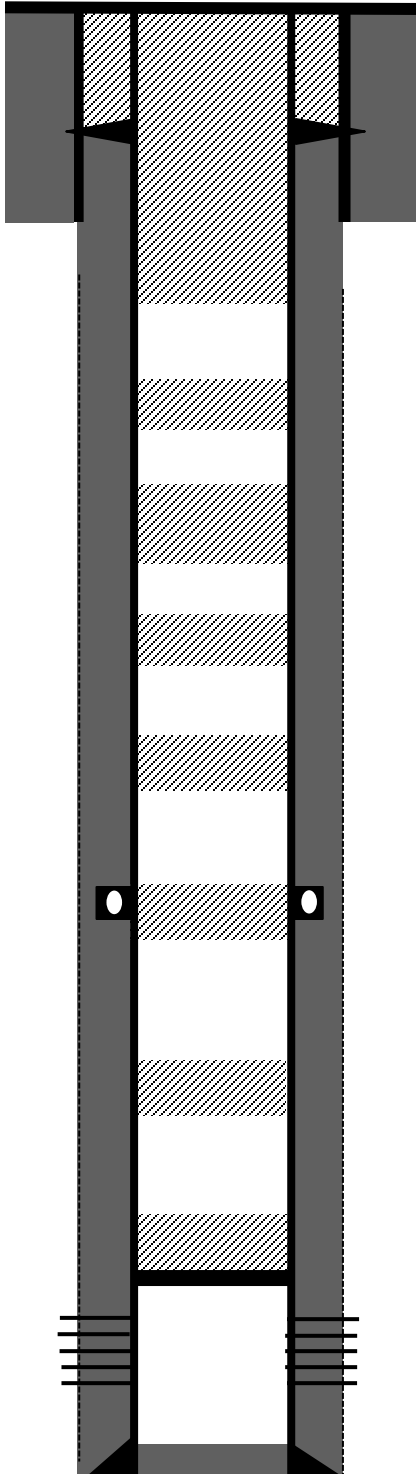
API; 30-039-22634

Sec 31 T24N R7W

NM-014023

800' FSL & 1650' FEL, Lybrook Gallup

Lat:36.2657547 Long:-107.6118927



8-5/8" 24# casing @ 312'. Cemented with 211 sks, Class B cement w/ 2% CaCl₂. Circulated cement to surface. Hole size: 12-1/4"

Perforate @ 140'. Squeeze & circulate cement to surface w/ 83 sks Class G @ 0-362' (95.5 cu.ft) Plug VIII, Inside, Surface, 0-362'

Inside plug w/ 12 sks Class G @ 814'-971' (13.8 cu.ft) Plug VII, Inside, Ojo Alamo, 814'-9701'

Inside plug w/ 19 sks Class G @ 1360'-1605' (22 cu.ft) Plug VI, Inside, Fruitland-Kirtland, 1360'-1605'

Inside plug w/ 12 sks Class G @ 1893'-2050' (13.8 cu.ft) Plug V, Inside, PC, 1893-2050'

Inside plug w/ 12 sks Class G @ 2375'-2532' (13.8 cu.ft) Plug IV, Inside, Chacra, 2375'-2532'

Inside plug w/ 12 sks Class G @ 3419'-3573' (13.8 cu.ft) Plug III, Inside, Mesaverde, 3419'-3573'

Cemented Stage I w / 470 sks 50-50 poz cement. Cemented stage II w/ 490 sks Lite followed by 50 sks Class B. DV Tool @ 3483'

Inside plug w/ 12 sks Class G @ 4471'-4625' (13.8 cu.ft) Plug II, Inside 4 1/2", Mancos, 4471'-4625'

Set CIBP @ 5490'. Spot inside plug w/ 14 sks Class G @ 5310'-5490' (16.1 cu.ft). Plug I, Inside 4 1/2", Gallup, 5310'-5490'

Gallup Perforated @ 5531'-5615'

4 1/2" 10.5 # K-55 casing @ 5754'. PBTD @ 5630'

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 205909

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 205909
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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