

Well Name: STRAWBERRY	Well Location: T23N / R6W / SEC 3 / NWSW / 36.25174 / -107.462479	County or Parish/State: RIO ARRIBA / NM
Well Number: 1	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM28733	Unit or CA Name:	Unit or CA Number:
US Well Number: 300392307600S1	Well Status: Abandoned	Operator: DUGAN PRODUCTION CORPORATION

Subsequent Report

Sundry ID: 2730966

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 05/15/2023	Time Sundry Submitted: 12:15
Date Operation Actually Began: 03/24/2023	

**Actual Procedure:** Dugan Production P&A'd the well as per the following procedure from 03/24/2023-04/06/2023: 1) TOOH & LD rods. TIH w/4½" sting mill for casing scraper to 4985'. RIH and set CIBP @ 4962'. Load and circulate hole. Run CBL from 4962' to surface. CBL did not show good cement bonding. All plugs to be set as inside/outside plugs. Sent copies of CBL to OCD/BLM. Pressure test casing to 600 psi for 30 mins. Casing won't test. 2) RU Wireline and perforate w/3 squeeze holes @ 4942'. TIH & set cement retainer @ 4922'. Sting in and spot Plug I inside/outside 4½" casing, above cement retainer @ 4922' w/58 sks(66.7 cu ft) Class G cement total (40 sks, 46 cu ft, outside 4½" casing, 1.5 sks, 1.7 cu ft, below retainer inside casing, 16.5 sks, 19 cu ft above retainer), (1.15 cu ft/sk, 15.8#/gal) to cover the Gallup top. WOC 4 hrs. TIH w/2-3/8" work string and tagged TOC @ 4732'. Good tag. Plug I, Inside/Outside 4½" casing, 58 sks, 66.7 cu ft, Gallup, 4732'-4942'. 3) Shoot 3 squeeze holes @ 4590'. TIH & set 4½" cement retainer @ 4570'. Sting in and try to establish rate. Cannot pump in through the holes. Pressured up to 1500 psi. Spot Plug II inside at 4570' above the CR with 18 sks(20.7 cu ft) to cover the Mancos top. WOC overnight. Tagged TOC @ 4225'. Good tag. Plug II, Inside 4½" casing, 18 sks, 20.7 cu ft, Mancos, 4225'-4570'. 4) Shoot 3 squeeze holes @ 3643'. TIH & set 4½" CR @ 3623'. Sting in and spot Plug III inside/outside 4½" casing from 3623' w/58 sks(66.7 cu ft) Class G cement total (40 sks, 46 cu ft, outside 4½" casing, 1.5 sks, 1.7 cu ft, below retainer inside casing, 16.5 sks, 19 cu ft above retainer to cover the Mesaverdetop. WOC 4 hrs. Tagged TOC @ 3393'. Good tag. Plug III, Inside/Outside 4½" casing, 58 sks, 66.7 cu ft, Mesaverde, 3393'-3643'. 5) Shoot 3 squeeze holes @ 2430'. TIH & set 4½" CR @ 2404'. Sting in and spot Plug IV inside/outside 4½" casing from 2430' w/62 sks(69 cu ft) Class G cement total (40 sks, 46 cu ft, outside 4½" casing, 2 sks, 2.3 cu ft, below retainer inside casing, 20 sks, 23 cu ft above retainer to cover the Chacra top. WOC overnight. Tagged TOC @ 2151'. Good tag. Plug IV, Inside/Outside 4½" casing, 62 sks, 69 cu ft, Chacra, 2151'-2430'. 6) Shoot 3 squeeze holes @ 2063'. TIH & set 4½" CR @

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US Well Number: 300392307600S1	Well Status: Abandoned	Operator: DUGAN PRODUCTION CORPORATION

2043'. Sting in and spot Plug V inside/outside 4½" casing from 2063' w/176 sks (202.4 cu ft) Class G cement total (142 sks, 163.3 cu ft, outside 4½" casing, 2 sks, 2.3 cu ft, below retainer inside casing, 32 sks, 36.8 cu ft above retainer to cover the Pictured Cliffs & Fruitland tops. WOC 4 hrs. Tagged TOC @ 1582'. Good tag. Plug V, Inside/Outside 4½" casing, 176 sks, 202.4 cu ft, Pictured Cliffs-Fruitland, 1582'-2063'. 7) Shoot 3 squeeze holes @ 1540'. TIH & set 4½" CR @ 1520'. Sting in and spot Plug VI inside/outside 4½" casing from 1540' w/105 sks(120.8 cu ft) Class G cement total (83 sks, 95.5 cu ft outside 4½" casing, 2 sks, 2.3 cu ft, below retainer inside casing, 20 sks, 23 cu ft above retainer to cover the Kirtland-Ojo Alamo tops. WOC overnight. Tagged TOC @ 1312'. Good tag. Plug VI, Inside/Outside 4½" casing, 105 sks, 120.8 cu ft, Kirtland-Ojo Alamo, 1312'-1540'. 8) Perforate @ 251'. Spot inside/outside Plug VII from 251' to surface w/71 sks(81.7 cu ft) Class G cement to cover the surface casing shoe to surface. WOC & cut wellhead off. TOC @ surface inside 4½" casing and inside annulus. Plug VII, Surface, Inside/Outside 4½" casing, 71 sks, 81.7 cu ft, 0'-251'. 9) Fill up cellar w/25 sks, 28.8 cu ft Class G cement. Install dry hole marker. Clean location. Well P&A'd 04/06/2023.

SR Attachments

Actual Procedure

- Strawberry\_1\_post\_PA\_schematic\_20230515120855.pdf
- Strawberry\_1\_post\_PA\_20230515120844.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

Signed on: MAY 15, 2023 12:08 PM

Name: DUGAN PRODUCTION CORPORATION

Title: Authorized Representative

Street Address: PO Box 420

City: FarmingtonState: NM

Phone: (505) 325-1821

Email address: tyrafeil@duganproduction.com

Field

Representative Name: ALIPH REENA

Street Address: PO BOX 420

City: FARMINGTONState: NMZip: 87499-0420

Phone: (505)325-1821

Email address: Aliph.Reena@duganproduction.com

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Well Location: T23N / R6W / SEC 3 /  
NWSW / 36.25174 / -107.462479

County or Parish/State: RIO  
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Unit or CA Name:

Unit or CA Number:

US Well Number: 300392307600S1

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: 05/16/2023

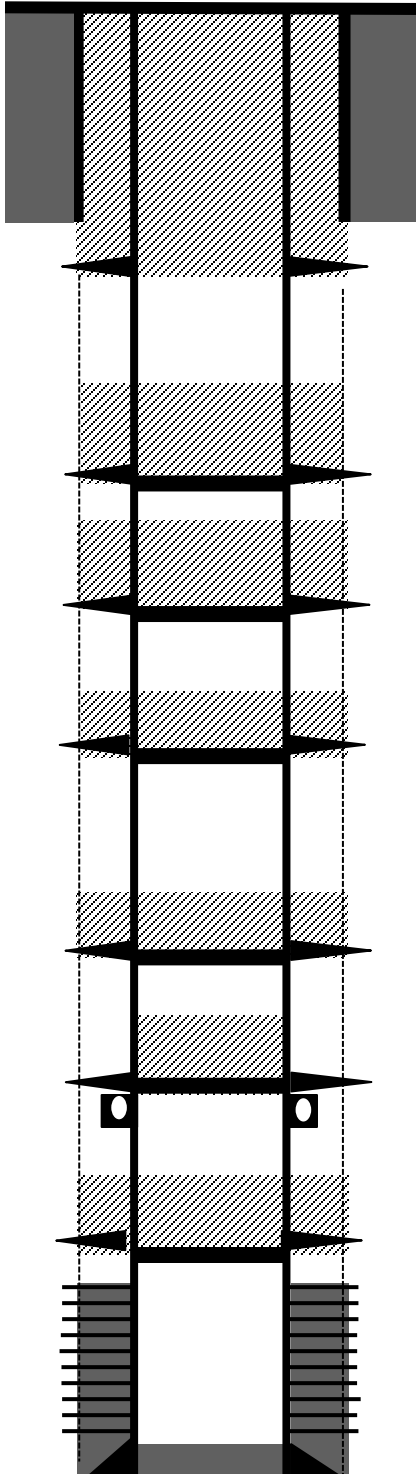
Signature: Matthew Kade

Dugan Production P&A'd the well as per the following procedure from 03/24/2023-04/06/2023:

- TOOH & LD rods. TIH w/4½" sting mill for casing scraper to 4985'. RIH and set CIBP @ 4962'. Load and circulate hole. Run CBL from 4962' to surface. CBL did not show good cement bonding. All plugs to be set as inside/outside plugs. Sent copies of CBL to OCD/BLM. Pressure test casing to 600 psi for 30 mins. Casing won't test.
- RU Wireline and perforate w/3 squeeze holes @ 4942'. TIH & set cement retainer @ 4922'. Sting in and spot Plug I inside/outside 4½" casing, above cement retainer @ 4922' w/58 sks (66.7 cu ft) Class G cement total (40 sks, 46 cu ft, outside 4½" casing, 1.5 sks, 1.7 cu ft, below retainer inside casing, 16.5 sks, 19 cu ft above retainer), (1.15 cu ft/sk, 15.8#/gal) to cover the Gallup top. WOC 4 hrs. TIH w/2-3/8" work string and tagged TOC @ 4732'. Good tag. **Plug I, Inside/Outside 4½" casing, 58 sks, 66.7 cu ft, Gallup, 4732'-4942'.**
- Shoot 3 squeeze holes @ 4590'. TIH & set 4½" cement retainer @ 4570'. Sting in and try to establish rate. Cannot pump in through the holes. Pressured up to 1500 psi. Spot Plug II inside at 4570' above the CR with 18 sks (20.7 cu ft) to cover the Mancos top. WOC overnight. Tagged TOC @ 4225'. Good tag. **Plug II, Inside 4½" casing, 18 sks, 20.7 cu ft, Mancos, 4225'-4570'.**
- Shoot 3 squeeze holes @ 3643'. TIH & set 4½" CR @ 3623'. Sting in and spot Plug III inside/outside 4½" casing from 3623' w/58 sks (66.7 cu ft) Class G cement total (40 sks, 46 cu ft, outside 4½" casing, 1.5 sks, 1.7 cu ft, below retainer inside casing, 16.5 sks, 19 cu ft above retainer to cover the Mesaverde top. WOC 4 hrs. Tagged TOC @ 3393'. Good tag. **Plug III, Inside/Outside 4½" casing, 58 sks, 66.7 cu ft, Mesaverde, 3393'-3643'.**
- Shoot 3 squeeze holes @ 2430'. TIH & set 4½" CR @ 2404'. Sting in and spot Plug IV inside/outside 4½" casing from 2430' w/62 sks (69 cu ft) Class G cement total (40 sks, 46 cu ft, outside 4½" casing, 2 sks, 2.3 cu ft, below retainer inside casing, 20 sks, 23 cu ft above retainer to cover the Chacra top. WOC overnight. Tagged TOC @ 2151'. Good tag. **Plug IV, Inside/Outside 4½" casing, 62 sks, 69 cu ft, Chacra, 2151'-2430'.**
- Shoot 3 squeeze holes @ 2063'. TIH & set 4½" CR @ 2043'. Sting in and spot Plug V inside/outside 4½" casing from 2063' w/176 sks (202.4 cu ft) Class G cement total (142 sks, 163.3 cu ft, outside 4½" casing, 2 sks, 2.3 cu ft, below retainer inside casing, 32 sks, 36.8 cu ft above retainer to cover the Pictured Cliffs & Fruitland tops. WOC 4 hrs. Tagged TOC @ 1582'. Good tag. **Plug V, Inside/Outside 4½" casing, 176 sks, 202.4 cu ft, Pictured Cliffs-Fruitland, 1582'-2063'.**
- Shoot 3 squeeze holes @ 1540'. TIH & set 4½" CR @ 1520'. Sting in and spot Plug VI inside/outside 4½" casing from 1540' w/105 sks (120.8 cu ft) Class G cement total (83 sks, 95.5 cu ft outside 4½" casing, 2 sks, 2.3 cu ft, below retainer inside casing, 20 sks, 23 cu ft above retainer to cover the Kirtland-Ojo Alamo tops. WOC overnight. Tagged TOC @ 1312'. Good tag. **Plug VI, Inside/Outside 4½" casing, 105 sks, 120.8 cu ft, Kirtland-Ojo Alamo, 1312'-1540'.**
- Perforate @ 251'. Spot inside/outside Plug VII from 251' to surface w/71 sks (81.7 Cu.ft) Class G cement to cover the surface casing shoe to surface. WOC & cut wellhead off. TOC @ surface inside 4½" casing and inside annulus. **Plug VII, Surface, Inside/Outside 4½" casing, 71 sks, 81.7 cu ft, 0'-251'.**
- Fill up cellar w/25 sks, 28.8 cu ft Class G cement. Install dry hole marker. Clean location. **Well P&A'd 04/06/2023.**

**Completed P & A Schematic**

Strawberry # 1  
 API; 30-039-23076  
 Sec 3 T23N R6W  
 1980' FSL & 810' FWL, Gallup  
 Rio Arriba County, NM  
 Lat:36.2517014 Long:-107.4629669



8-5/8" J-55 24# casing @ 201'. Cemented with 135 sks, 159 cf Class B w/  
 2% CaCl<sub>2</sub>. Circulated cement to surface. Hole size: 12-1/4

**Perf @ 251'. Plug VII, Surface, Inside/Outside 4 1/2" casing, 71  
 sks, 81.7 Cu.ft, 0'-251'**

**Perf @ 1540'. CR @ 1520'. Plug VI, Inside/Outside 4 1/2" casing,  
 105 sks, 120.8 Cu.ft, Kirtland-Ojo Alamo, 1312'-1540'**

**Perf @ 2063. CR @ 2043'. Plug V, Inside/Outside 4 1/2" casing,  
 176 sks, 202.4 Cu.ft, Pictured Cliffs-Fruitland, 1582'-2063'**

**Perf @ 2430'. CR @ 2404. Plug IV, Inside/Outside 4 1/2" casing,  
 62 sks, 69 Cu.ft, Chacra, 2151'-2430'**

Cemented Stage I w / 60 sks 50-50 poz followed by 185 sks Class B cement. DV tool  
 @ 4500'. Cemented stage II w / 500 sks 65/35 poz w / 12 % gel followed by 135 sks  
 Poz. Circulated 5 bbls cement to surface.

**Perf @ 3643'. CR @ 3623'. Plug III, Inside/Outside 4 1/2" casing,  
 58 sks, 66.7 Cu.ft, Mesaverde, 3393'-3643'**

**Perf @ 4590. CR @ 4570'. Plug II, Inside 4 1/2" casing, 18 sks, 20.7  
 Cu.ft, Mancos, 4225'-4570'**

**CIBP @ 4962'. Perf @ 4942'. Plug I, Inside/Outside 4 1/2"  
 casing, 58 sks, 66.7 Cu.ft, Gallup, 4732'-4942'**

Gallup Perforated @ 5010'-5655'

**4 1/2" 10.5 # casing @ 5735'. PBTD @ 5685'**

**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 217287

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 217287
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	Accepted for record - NMOCD JRH 5/30/23. Well P&A'd 4/6/23	5/30/2023