

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

11/16/20

Well Name: SYNERGY 22-7-31**Well Location:** T22N / R7W / SEC
31 / SESE / 36.090299 /
-107.611524**County or Parish/State:**
SANDOVAL / NM**Well Number:** 144**Type of Well:** OTHER**Allottee or Tribe Name:****Lease Number:** NMNM99740**Unit or CA Name:****Unit or CA Number:****US Well Number:** 3004321053**Well Status:** Abandoned**Operator:** SYNERGY
OPERATING LLC**Subsequent Report****Sundry ID:** 2761343**Type of Submission:** Subsequent Report**Type of Action:** Plug and Abandonment**Date Sundry Submitted:** 11/13/2023**Time Sundry Submitted:** 03:28**Date Operation Actually Began:** 11/08/2023

Actual Procedure: Synergy Operating, LLC has completed the downhole plugging of the subject well. Attached in a separate file is the following: 1) Daily reports of the plugging operations, and 2) Copy of the MIT (Mechanical Integrity Test) pressure chart

SR Attachments**Actual Procedure**

2023.11.13__Synergy__144__Post_Sundry_and_MIT_Chart_20231113152748.pdf

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SANDOVAL / NM**Well Number:** 144**Type of Well:** OTHER**Allottee or Tribe Name:****Lease Number:** NMNM99740**Unit or CA Name:****Unit or CA Number:****US Well Number:** 3004321053**Well Status:** Abandoned**Operator:** SYNERGY
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: GLEN PAPP**Signed on:** NOV 13, 2023 03:27 PM**Name:** SYNERGY OPERATING LLC**Title:** Operations Manager/Partner**Street Address:** PO Box 5513**City:** Farmington**State:** NM**Phone:** (505) 599-4908**Email address:** gpapp@synergyoperating.com**Field****Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Email address:****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:** 11/15/2023**Signature:** Matthew Kade

Form 3160-5
(March 2012)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 proposalsFORM APPROVED
Budget Bureau No. 1004-0137
Expires March 31, 2014

5. Lease Serial No.

NMNM-99740

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Synergy 22-7-31 # 144

9. API Well No.

30-043-21053

10. Field and Pool, or Exploratory

Basin Fruitland Coal

11. County or Parish, State

Sandoval County, New Mexico

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

Synergy Operating, LLC (OGRID # 163458)

3a. Address

PO Box 5513
Farmington, NM 87499

3b. Phone No. (include area code)

(505) 325-5549

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

Unit P, 720' FSL, 895' FEL, Sec 31, T22N - R07W

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Acidize

☐

Alter Casing

☐

Casing Repair

☐

Change Plans

☐

Convert to Injection

☐

Deepen

☐

Fracture Treat

☐

New Construction

☒

Plug & Abandon

☐

Plug Back

☐

Production (Start/Resume)

☐

Reclamation

☐

Recomplete

☐

Temporary Abandon

☐

Water Disposal

☐

Water Shut-Off

☐

Well Integrity

☐

Other: _____

13. Describe Proposed or Completed Operations: (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 recomplete 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 the 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 recompletion 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.)

SYNERGY OPERATING HAS COMPLETED THE DOWNHOLE PLUGGING AND ABANDONMENT ACTIVITY ON THE SUBJECT WELL.

NOTIFIED NMOCD AND BLM 24 HOURS PRIOR TO COMMENCING ACTIVITY AND 24-HRS PRIOR TO CEMENTING.

11-08-2023 MIRU WSI TESTERS. TEST 5-1/2" CASING TO 615 PSI FOR 30 MINUTES. CHART TEST. BLEED OFF. RIH WITH 1" SDR-11 POLY PIPE TUBING TO 700'. TAG CIBP @ 700'. SD SECURE WELL, READY TO CEMENT.

11-10-2023 BLM INSPECTOR, JIMMIE DOBSON WITNESS CEMENTING ACTIVITY. MIRU AZTEC WELL SERVICE CEMENTERS. NU CEMENTING HEAD. FILL ENTIRE 5-1/2" 15.5# CASING STRING WITH CEMENT FROM 700' TO SURFACE. EST RATE 4 BBLs WATER AHEAD, MIX AND PUMP 85 SACKS NEAT CEMENT AT 15.8 PPG, 1.15 FT³/SX YIELD, 5.0 GALS/SX MIX WATER TOTAL OF 17.5 BBLs (98.2 FT³) CEMENT SLURRY. CIRC 1 BBL GOOD CEMENT TO SURFACE. CUT OFF WELLHEAD. TAG 8-5/8" CMT TOP AT 16 FEET. INSTALL DRY HOLE MARKER, MIX ADDITIONAL CEMENT AND TOP OFF SURFACE AND CELLAR, WITH 7.0 BBLs CEMENT SLURRY (34 SACKS NEAT CEMENT AT 15.8 PPG, 1.15 FT³/SX YIELD, 5.0 GALS PER SACK MIX WATER. RDMO ALL CEMENTING EQUIPMENT. WOC. WILL SCHEDULE FINAL SURFACE INSPECTION.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

THOMAS E. MULLINS

tom.mullins@synergyoperating.com

Title

ENGINEERING MANAGER

Signature

Date

November 13, 2023

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

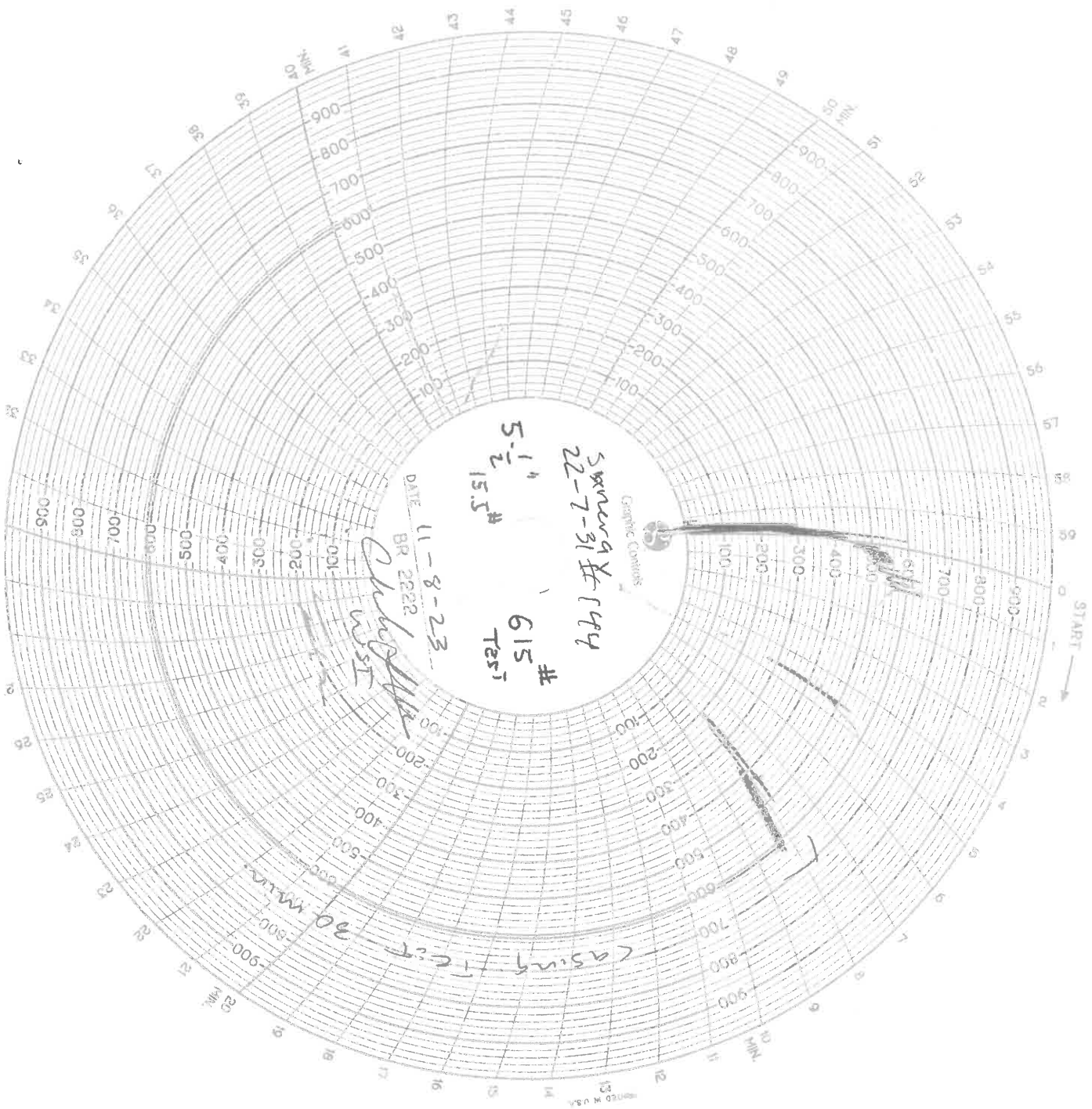
Date

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

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)



SYNERGY # 144 P&A

SYNERGY 22-7-31 # 144
Unit P, Section 31-T22N-R07W
720' FSL, 895' FEL
6660' GL, 6665' KB

Steve & Son Rig # 1 Spud: 09/29/2007
Completed: 04/16/2008

API # 030-043-21053
NMNM-99740
36.09031 deg North, 107.61151 deg West

8-5/8" 24# K-55 Casing @ 127' w/ 90 sxs (107 ft3)
Circulated 7 bbls cement to surface

Dev Surveys

142'	1.00
927'	1.00

1" PVC Coiled Pipe will be run in the well to tag the CIBP @ 700'
This will be cemented in the hole cementing the entire wellbore with 63.4 sxs (74.83 ft3)
Class G Neat Cement to surface.

No Cement Bond Log will be run, due to the shallow depths and full cement circulation on all casing strings.

5-1/2" CIBP @ 700'

Fruitland Coal Perforations 728' to 742' - 14 feet - (80 holes)

5-1/2" 15.5# K-55 LT&C Casing @ 945', w/ 129 sxs (222 ft3) Type 5 cement @ 14.8 ppg
Good Circulation, Circulate 11 bbls to surface

PBTD: 925'
TD: 958'

Formation Tops

San Jose	
Nacimiento	
Ojo Alamo	
Kirtland	330'
Fruitland	443'
Pict Cliffs	890'
TD:	958'

Formation Name: Fruitland Coal

04-09-2008 - MIRU Jet West. Run GR-CCL Log. Correlate w/ OH Log. Merge Log. RDMO.

04-11-2008 - MIRU PACE. Test Casing to 500# and chart 30 mins, 1200# - 2 mins. Chart for NMOCD. Good.

RU Blue Jet. Correlate logs. Perforate Fruitland Coal 728' to 742' (14') with 80 holes in 2 - 10' guns 4 SPF

RU PACE. Break down and Pump 60 bbls (2,520 gals) Fresh Water at 1.5 BPM @ 400#. Pump problems.

04-15-2008 - MIRU PACE. Pump 6.2 BPM at 730#, 5,880 gals Fresh Water. ISIP 560

04-16-2008 - MIRU Steve & Son Rig # 1. Make Up ESP (9') and GIH w/ 25 Jts 2-3/8" 4.7# J-55 Tubing and # 6 Cable

Land EOT @ 804'. RDMO.

07-01-2008 - Run ESP pump and production test well. Csg 51#, Take Gas Sample, Gas @ 2 MCFD, 78 BWPD

05-31-2017 - Run Production Test, 42.6 Hours, 10 MCF, 65 bbls water. Take Gas Sample. Verified production

08-04-2020 - SICP 110#. BD well. MIRU Aztec Rig 993. NU BOP. COOH LD Tbg. RU Jet West. Set CIBP @ 700'

RDMO equipment. Fill 5-1/2" Casing to surface, await witness MIT test.

09-16-2020 - RU WSI test unit. BLM Witness (Darren Halliburton) of MIT 5-1/2" Casing 550 psi & CIBP.30 min.

Specialty Logs, Misc
none

Open Hole Logs (Jet West)

GR-Density-Caliper - Surf to 956'
(02-10-2008)

Cased Hole Logs (Jet West)

GR-CCL (04-09-2008)

Thomas E. Mullins
April 6, 2023

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 287675

CONDITIONS

Operator: SYNERGY OPERATING LLC P.O. Box 5513 Farmington, NM 87499	OGRID: 163458
	Action Number: 287675
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Well plugged 11/10/2023	12/6/2023