

RECEIVED

MAY 22 2017

Form 3160-5
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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 proposals

Farmington Field Office
Bureau of Land Management

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

Oil Well Gas Well Other **OIL CONS. DIV DIST. 3**

2. Name of Operator

Synergy Operating, LLC (OGRID # 163458) JUN 05 2017

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 D, 695' FNL, 710' FWL, Sec 07, T21N - R07W
320 Acres (W/2)

5. Lease Serial No.

NMMN-99735

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Synergy 21-7-7 # 130

9. API Well No.

30-043-21020

10. Field and Pool, or Exploratory

Basin Fruitland Coal

11. County or Parish, State

Sandoval County, New Mexico

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

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- 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.)

NOTIFIED BOTH BLM AND NMOCD PRIOR TO PERFORMING MIT TESTS

04-20-2017 MIRU TESTING UNIT, WITH BOTH ANALOG CHART RECORDER AND DIGITAL CHART RECORDER. CIBP @ 650' PRESSURE TEST 5-1/2" CASING TO 602 PSIG FOR 30 MINUTES. TEST WITNESSED BY BLM AND NMOCD PERSONNEL. MIT TEST PASSED. RD TESTING EQUIPMENT. SEE ATTACHED WELLBORE DIAGRAM AND CHARTS.

PER IM - NM-2016-017, SYNERGY RESPECTFULLY REQUESTS TEMPORARY ABANDONED (TA) STATUS FOR A PERIOD OF ONE YEAR TO BE RENEWED ANNUALLY FOR UP TO FIVE YEARS BEFORE MECHANICAL INTEGRITY MUST BE REDEMONSTRATED.

TA APPROVAL IS REQUESTED BECAUSE OF LOW NATURAL GAS COMMODITY PRICES AND WAITING ON PIPELINE. APPROVAL IS REQUESTED UNTIL MAY 15, 2018.

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 MAY 10, 2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

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)

ACCEPTED FOR RECORD

JUN 01 2017

FARMINGTON FIELD OFFICE

BY: [Signature]

NMOCD

5



NEW MEXICO ENERGY, MINERALS and
NATURAL RESOURCES DEPARTMENT

MECHANICAL INTEGRITY TEST REPORT
(TA OR UIC)

Date of Test 4/20/2017 Operator Synergy API # 30-043-21020

Property Name Synergy 21-7-7 Well # 130 Location: Unit D Sec 7 Twn 21 Rge 7

Land Type:

State _____
Federal X
Private _____
Indian _____

Well Type:

Water Injection _____
Salt Water Disposal _____
Gas Injection _____
Producing Oil/Gas X
Pressure observation _____

Temporarily Abandoned Well (Y/N): _____ TA Expires: _____

Casing Pres. _____ Tbg. SI Pres. NA Max. Inj. Pres. NA
Wellhead Pres. _____ Tbg. Inj. Pres. NA
Tubing Pres. NA
Int. Casing Pres. NA

Tested annulus up to 602 psi for 30 mins. Test passed/failed

REMARKS: 1000 lbs spring, 1hr clock, 24hr 1000lbs chart. Start @ 0psi, pressured up to 602 psi
5min 601 psi BHT 0psi, 10min 601 psi BHT 0 psi, 15min 601 psi BHT 0 psi, 20min 601 psi
BHT 0 psi, 25min 601 psi BHT 0 psi, 30min 601 psi BHT 0 psi, bled back to 0psi.
Okayed 24 hr chart w/ Brandon for testing today. Pressures recorded off of digital, analog chart
4psi lower.

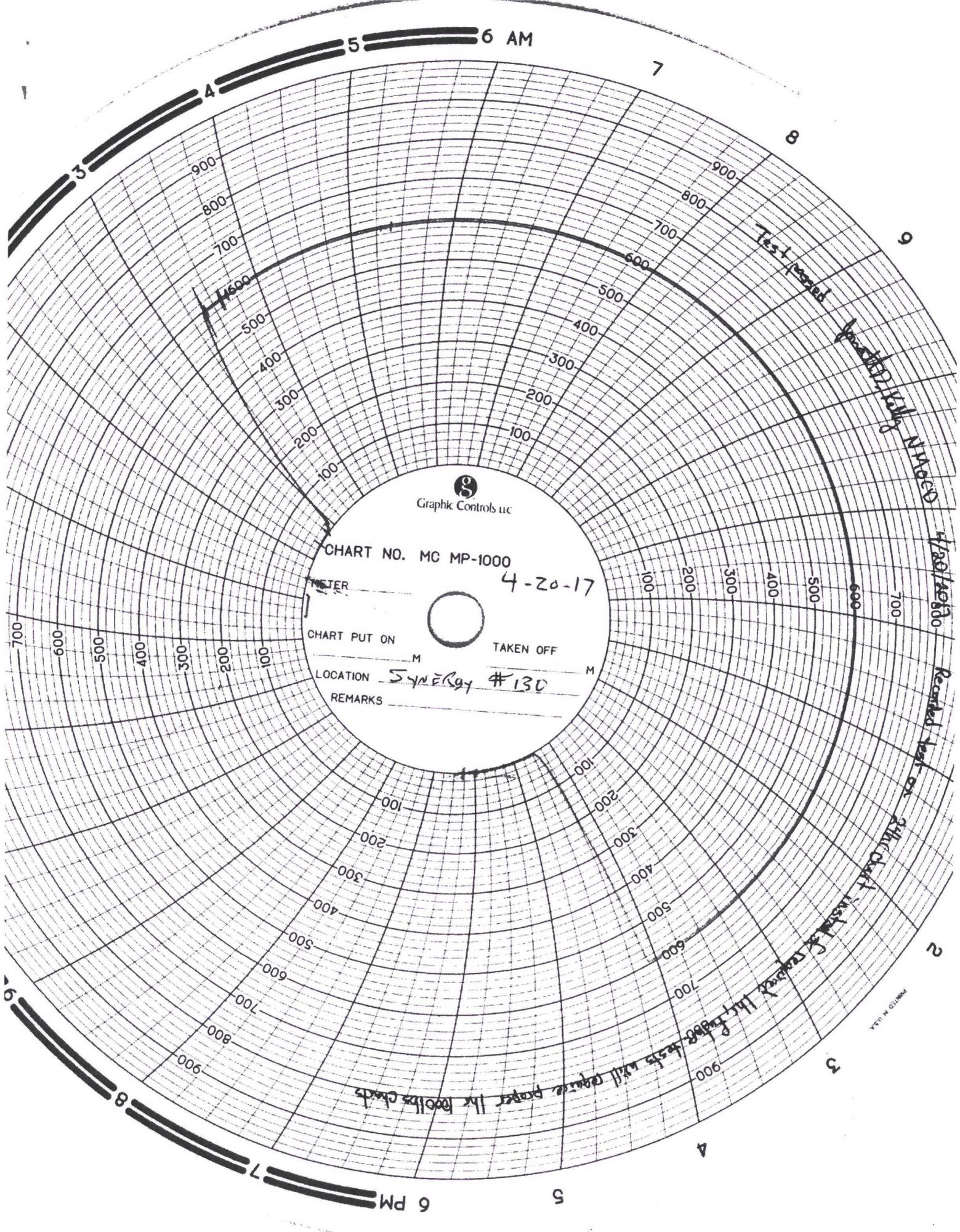
Bridge plug set @ 650 ft.

by Thomas Mullins
(Operator Representative)

Witness Jonathan D. Kelly
(NMOCD)

(Position)

Revised 02-11-02



Graphic Controls LLC

CHART NO. MC MP-1000

4-20-17

METER

CHART PUT ON

M

TAKEN OFF

M

LOCATION Synergy #130

REMARKS

Test passed

Quarterly N1000

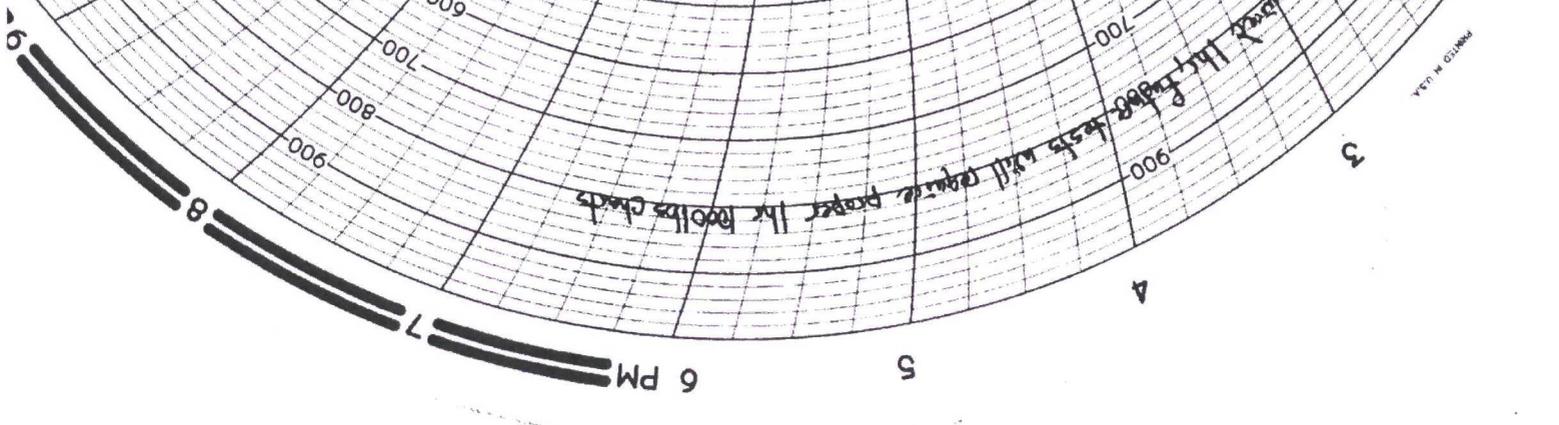
4/20/17

Recorded test on

2

the 1000 tests will require proper the rollers charts

MADE IN GERMANY

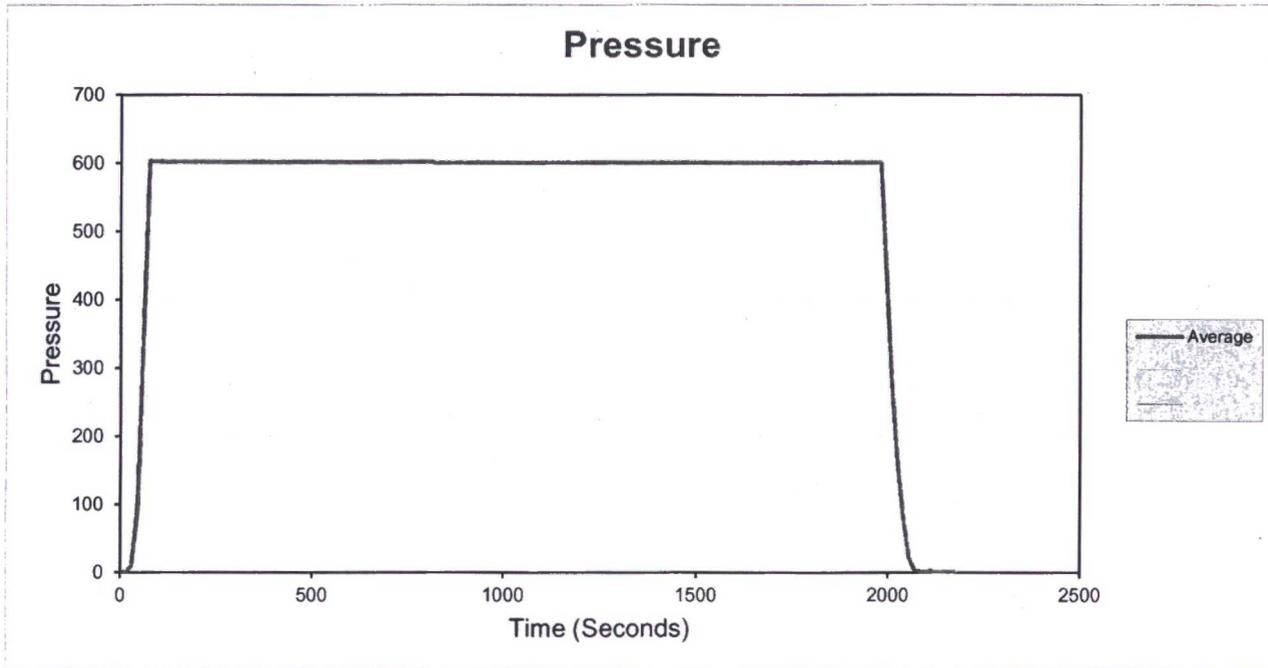


SYNERGY 21-7-7 # 130

Data Collection Report

Gauge Information	
Serial Number	649601
Model	2KPSIXP2I
Message Store	-----
Units	PSI

Run Info	
Start Time	4/20/17 9:19:33 AM
Stop Time	4/20/17 9:56:03 AM
Logging Interval	15 SECONDS



SYNERGY 21-7-7 # 130
 Unit D, Section 07-T21N-R07W
 695' FNL, 710' FWL
 6709' GL, 7' KB

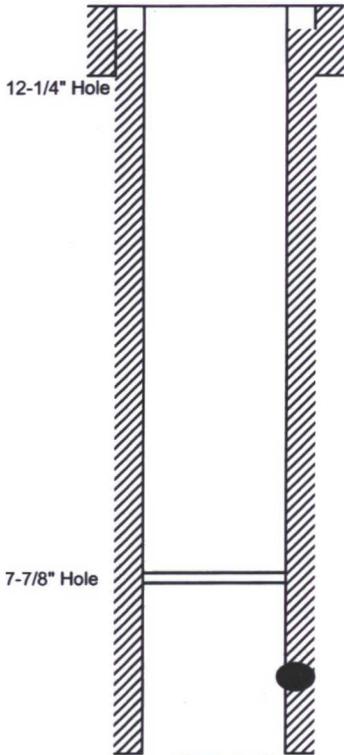
Steve & Son Rig # 1 Spud: 02/06/07
 Completed: 11/11/09

API # 030-043-21020

36.07179 deg North, 107.62383 deg West

8-5/8" 24# K-55 Casing @ 132' w/ 95 sxs
 Circulated 3 bbls cement to surface

Dev Surveys	
137'	1/2
888'	1/2



5-1/2" CIBP @ 650'

Fruitland Coal Perforations	
671' to 690' (80 holes)	

5-1/2" 15.5# K-55 LT&C Casing @ 860', w/ 124 sxs (255.4 ft3) Lead Type 5 cement @ 12.5 ppg tail with 75 sxs (89.3 ft3) Type 5 @ 15.5 ppg. Good Circulation, Circulate 45 bbls to surface

PBTD: 862'
 TD: 888'

Formation Tops	
San Jose	
Nacimiento	
Ojo Alamo	
Kirtland	138'
Fruitland	331'
Pict Cliffs	748'
TD:	888'

Formation Name: **Fruitland Coal**

07-11-2007 MIRU Jet West, Run GR-CCL. Correlate with OH Logs
 11-12-2009 MIRU PACE, Pressure Test 5-1/2" casing 500# 30 mins, 1200# for 2 mins, chart tests
 RU Blue Jet. Correlate logs. Perforate Fruitland Coal 671' to 690' (19') with 80 holes in 2 - 10' guns 4 SPF
 02-24-2017 MIRU Basin Perforators. SICP = 2#, Blow down. RIH and set CIBP @ 650' to isolate perforations.
 03-15-2017 Load 5-1/2" casing from surface. Test casing to 50#.
 04-20-2017 MIRU Testing unit. Perform witnessed MIT test on 5-1/2" casing to 602# for 30 mins, chart tests.
 Performed witness bradenhead test. Well Secure.

Specialty Logs, Misc
 none

Open Hole Logs (Jet West)
 GR-Density-Calipher
 (2-09-2007)

Cased Hole Logs (Jet West)
 GR-CCL (7-11-2007)

Thomas E. Mullins
 May 10, 2017