

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**  
Sundry Notices and Reports on Wells

**RECEIVED**

MAR 09 2010

Bureau of Land Management  
Farmington Field Office

1. **Type of Well**  
Gas

2. **Name of Operator**  
Synergy Operating, LLC

3. **Address & Phone No. of Operator**  
P.O. Box 5513, Farmington, NM 87499 (505)325-5449

**Location of Well, Footage, Sec., T, R, M**  
  
Unit K, Section 19, T-29-N, R-11-W, 1670' FSL & 1885' FWL

5. **Lease Number**  
SF-077056

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

8. **Well Name & Number**  
White 29-11-19 #106

9. **API Well No.**  
30-045-33378

10. **Field and Pool**  
Basin Fruitland Coal

11. **County & State**  
San Juan County, NM

**12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA****Type of Submission**☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment**Type of Action**☒ Abandonment☐ Recompletion☐ Plugging Back☐ Casing Repair☐ Altering Casing☐ Other -☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut off☐ Conversion to Injection

RCVD MAR 16 '10

OIL CONS. DIV.

DIST. 3

**13. Describe Proposed or Completed Operations**

- MIRU. ND wellhead. NU BOP, test. LD rods and TOH with 2-3/8" tubing. Run a casing scraper to 1450'.
- TIH and set 5.5" CR at 1414'. Pressure test the casing to 600 PSI for 15 minutes. Circulate the well clean.
- Plug #1: Fruitland perfs and top, set a balanced plug from 1414' to 1208' with 29 sxs Class B cement. PUH.
- Plug #2: Kirtland and Ojo Alamo tops, set a balanced plug from 582' to 341' with 38 sxs Class B cement.
- Pressure test the bradenhead annulus to 300 PSI. If it holds, then set plug #3; if the BH annulus does not hold Pressure, then perforate at the appropriate depth and cement inside the casing and the annulus as needed.
- Plug #3: 8-5/8" Surface casing shoe, fill the 5.5" casing from 257' to surface with 25 sxs cement. TOH, LD tubing.
- ND BOP. Cut off casing. Top off cement if necessary and set P&A marker. RD and MOL.

**14. I hereby certify that the foregoing is true and correct.**

Signed Glen O. Papp Title Operations Manager Date 3/9/10

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date MAR 12 2010

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly 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.

NMOC

b, 3/29



GL: 5566'  
KB: 5' AGL

# White 29-11-19 #106 (After P&A)

Field: Basin Fruitland Coal

Casing Head: Larkin Fig 92, 2M x 8-5/8"  
w/ 2 - 2" LPO  
Tubing Head: Larkin MR, 2M x 5-1/2"  
8rd Female x 2-3/8" EUE 8rd mandrel  
w/ 2 - 2" LPO

Companion Flange to RU: 7-1/16 3M x  
8-5/8" API Modified

12-1/4" Hole

8-5/8" 24# J-55 (5-Jts) @ 207'  
Cmt'd w/ 130-sxs Cl 'B' cmt  
2% CaCl-2 + 1/4#/sx CF - Circ to surf

Ojo Alamo Top @ 391'

Kirtland Top @ 532'

Hole - 7-7/8"

FTC Top @ 1258'

Marker Jt: 1296-1311'

## Tubular Capacities (Bbls/Ft)

Tubing (2-3/8" 4.7#): 0.00387  
Casing (5-1/2" 15.5#): 0.0238  
Csg//Tbg Annulus: 0.0183

PC Top @ 1648'

5-1/2" 15.5# J-55 @ 1757'

Lead Slurry=159-sxs Premium-Lite FM  
cmt w/ 3% CaCl-2, 1/4#/sx CF, 0.4%  
FL-52, 8% Bentonite, 0.4% Sodium  
Metasilicate + 3#/sx Pheno-Seal  
Tail Slurry=100-sxs Type III cmt w/  
1% CaCl-2, 1/4#/sx CF, 0.2%  
FL-52 + 2#/sx Pheno-Seal  
Circ: 52-sxs cmt to surface

API # 30-045-33378  
Lease # SF-077056

1670' FSL & 1855' FWL, Unit K  
Sec. 19, T29N-R11W  
San Juan Co., New Mexico

36 deg, 42 min, 31.7 sec N Latitude  
108 deg, 02 min, 07.4 sec W Longitude

Plug #3  
257 - 0'

Logs: OH - Jet West (2-27-06): Compensated  
Density (1730-1300'), GR-Neutron  
(1730-0')  
Cased: Jet West GR-CCL (3-28-06)  
BlueJet: Tracer Log (5-4-06)

Plug #2  
341 - 582'

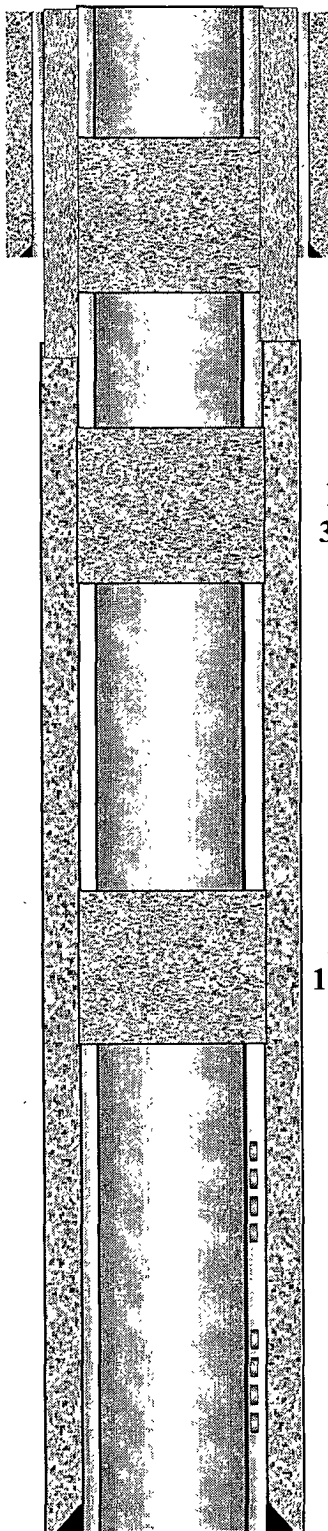
Plug #1  
1208-1414'

## Upper FTC Perfs:

1497-1504', 1484-86', 1475-1477',  
1464-1466' w/ 4-SPF  
Total: 52-Holes

## Lower FTC Perfs:

1643-45' w/ 4-SPF, 1596-1608' w/ 2-SPF  
Total: 32-Holes



PBTd = 1731' (Float Collar)

TD = 1770' (2-26-06)

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 106 White 29-11-19

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
  - a) Place the Kirtland/Ojo Alamo plug from 577' – 276'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.