

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT--" for such proposals

## SUBMIT IN TRIPLICATE

1. Type of Well  
Oil ☐ Gas ☐  
☒ Well ☐ Well ☐ Other

2. Name of Operator

Synergy Operating

3. Address and Telephone No.

P.O. Box 5513, Farmington, NM 87499

(505) 325-5449

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

940' fsl &amp; 330' fel (se se)

P Section 15, T19N, R3W

5. Lease Designation and Serial No.

NM-058122

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Media Entrada No. 6

9. API Well No.

30-043-20032

10. Field and Pool, or Exploratory Area

Media Entrada

11. County or Parish, State

Sandoval County,  
New Mexico

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

## TYPE OF SUBMISSION

## TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☒ Abandonment☐ Recompletion☐ Plugging Back☐ Casing Repair☐ Altering Casing☐ Other☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☐ Dispose Water(Note: Report results of multiple completion on  
Completion or Recompletion Report and Log form.)

13. Describe Proposed or completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Synergy Operating proposes to plug and abandon the subject wellbore as per the attached detailed procedure.



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

Signed

Connie S. Dinning as Agent for Synergy Operating

Title Engineer

Date 2/9/00

(This space for Federal or State office use)

Approved By

Title

Date

Conditions of approval, if any:

Certs for surface attached

# A - PLUS WELL SERVICE, INC.

P.O. BOX 1979  
FARMINGTON, NM 87499  
505-325-2627 • FAX: 505-325-1211

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## PLUG & ABANDONMENT PROCEDURE

10-13-99

**Federal Media #6**  
Media Entrada Pool  
940' FSL and 330' FEL, Section 15, T-19-N, R-3-W  
Sandoval County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Merriam safety rules and regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line to blow well down; kill with water as necessary.
2. ND wellhead and NU BOP and stripping head; test BOP. Release packer and if necessary fish pump and standing valve from tubing. TOH and tally 2-3/8" tubing (120 joints, total 3720'); visually inspect the tubing and LD packer. If necessary LD bad tubing and PU 2" workstring.
3. **Plug #1 (Entrada interval, 5146' – 5096')**: RIH and set wireline 4-1/2" CIBP at 5146'. TIH with open ended tubing and tag CIBP. Load casing with water and circulate clean. Attempt to pressure test casing, note rate and pressure. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 12 sxs Class B cement and spot a balanced plug above the CIBP to isolate the Entrada perforations. PUH with 4486'.
4. **Plug #2 (Dakota and Morrison tops, 4486' – 4136')**: Mix and pump 30 sxs Class B cement and spot a balanced plug inside the casing to cover Dakota and Morrison tops. TOH with tubing.
5. **Plug #3 (Gallup top, 2864' – 2764')**: Perforate 3 squeeze holes at 2864'. Establish rate into squeeze holes if casing tested. Set a 4-1/2" cement retainer at 2814'. Establish rate below CR into squeeze holes, may not be able to due to squeeze work in 1884. Mix and pump 51 sxs Class B cement, squeeze 39 sxs outside casing and spot 12 sxs inside to cover Gallup top. PUH to 400'.
6. **Plug #4 (Mesaverde top at 350', 8-5/8" Surface Casing at 208')**: Mix approximately 31 sxs Class B cement and spot a balanced plug inside the 4-1/2" casing to cover the Mesaverde top and casing shoe, circulate good cement out the casing valve. TOH and LD the tubing. Shut in well.
7. ND BOP and cut off casing below surface. Fill casing and annulus as necessary. Install P&A marker with cement to comply with regulations. RD, Move off location, cut off anchors and restore location.

# Federal Media #6

Current

Entrada Sandstone

SE, Section 15, T-19-N, R-3-W, Sandoval County, NM

Today's Date: 10/13/99

Spud: 4/14/69

Comp: 4/26/69

Elevation: 6808' (GL)  
6820' (KB)

12-1/4" hole

Mesaverde @ 350'  
Sqz csg leak at 312'  
1st sqz w/ 200 sxs cmt;  
2nd sqz w/200 sxs cmt;  
3rd sqz w/100 sxs cmt,  
(May '84).

Sqz csg leak at 2065'  
with 200 sxs cmt  
(Aug '74)

Sqz csg leak at 2705'  
with 300 sxs cmt  
(May '84)

Gallup @ 2814'  
Casing leaks from  
2950' to 3500'  
(Mar '92)

Dakota @ 4186'

Morrison @ 4436'

Entrada @ 5218'

7-7/8" hole

PBTD 5258'

TD 5283'

8-5/8" 24# Csg set @ 208'  
175 sxs cement (Circulated to Surface)

## Workover History

May '71: Pull tubing; add new perforations,  
acidize; swab and return to production.

Aug '74: Pull tubing; locate hole in csg at 2065',  
sqz with 200 sxs, drill out.

Nov '80: Pull tubing; set packer at 3055'.

May '84: Pull tubing; found casing leaks at 2705',  
sqz with 300 sxs; then at 312', sqz 3 times, total  
500 sxs before PT; set packer at 2450'.

Mar '92: Pull tubing and LD; replace tubing and  
packer;

Apr '92: Pull tubing, pump filled with junk; scraper  
tight from 3425' to 3495'; tested casing - 2950' and  
above good to 500#, below leaks.

May '93: Pull tubing; replace pump barrel; set  
packer at 3706', swab well; pump not working,  
W/O parts.

Apr '93: Fished pump then circulated trash out of  
tubing

Feb '94: Replaced electric motor for pump and  
return to production.

2-3/8" Tubing set at 3720'  
(120 joints with hydraulic pump  
at 3700' and Arrow 1-X Packer  
at 3706' in tension)

TOC @ 3683' (Calc, 75%)

Entrada Perforations:  
5196' - 5238'

4-1/2" 9.5#, J55 Casing set @ 5283'  
Cmt with 300 sxs (549 cf)

# Federal Media #6

## Proposed P&A

### Entrada Sandstone

SE, Section 15, T-19-N, R-3-W, Sandoval County, NM

Today's Date: 10/13/99

Spud: 4/14/69

Comp: 4/26/69

Elevation: 6808' (GL)

6820' (KB)

12-1/4" hole

8-5/8" 24# Csg set @ 208'

175 sxs cement (Circulated to Surface)

Mesaverde @ 350'

Sqz csg leak at 312'  
1st sqz w/ 200 sxs cmt;  
2nd sqz w/200 sxs cmt;  
3rd sqz w/100 sxs cmt,  
(May '84).

Plug #4 400' - Surface  
Cmt with 31 sxs Class B

Sqz csg leak at 2065'  
with 200 sxs cmt  
(Aug '74)

Sqz csg leak at 2705'  
with 300 sxs cmt  
(May '84)

Gallup @ 2814'

Casing leaks from  
2950' to 3500'  
(Mar '92)

Cmt Retainer @ 2814'

Perforate @ 2864'

TOC @ 3683' (Calc, 75%)

Dakota @ 4186'

Plug #2 4486' - 4136'  
Cmt with 31 sxs Class B

Morrison @ 4436'

Set CIBP @ 5146'

Plug #1 5146' - 5096'  
Cmt with 12 sxs Class B

Entrada @ 5218'

Entrada Perforations:  
5196' - 5238'

PBTD 5258'

7-7/8" hole

TD 5283'

4-1/2" 9.5#, J55 Casing set @ 5283'  
Cmt with 300 sxs (549 cf)

## BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). **Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work can be submitted with a Sundry Notice.**

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location. Non-retrieved flowlines and pipelines will be abandoned in accordance with State Rule 714. Information supporting the non-retrieval will be included in the Sundry Notice for final abandonment.

2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils can be remediated on-site according to these guidelines or disposed of in a approved disposal facility.

3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" before seeding.

4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to deter vehicle travel. Access will be ripped to a minimum of 12" in depth and waterbarred prior to seeding. All erosion problems created by the development must be corrected prior to acceptance of release. Waterbars should be spaced as shown below:

% Slope	Spacing Interval
Less than 20%	200'
2 to 5%	150'
6 to 9%	100'
10 to 15%	50'
Greater than 15%	30'

All water bars should divert to the downhill side of the road.

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required). Contact the landowner, R.W. Johnson for a seed mix. Seed mix must be certified weed free to avoid the introduction of noxious weeds.

6. Notify Surface Managing Agency seven (7) days prior to seeding so that they may be present to witness.

7. The period of liability under the bond of record will not be terminated until the lease is inspected and the surface rehabilitation approved.

Other SMA's may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us.

On private land, we should be provide with a letter from the fee owner stating that the surface restoration is satisfactory.