

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. <b>NOO-C-14-20-2717</b>
2. Name of Operator <b>Synergy Operating, LLC</b>	6. If Indian, Allottee or Tribe Name <b>Navajo Allotted</b>
3. Address and Telephone No. <b>P.O. Box 5513, Farmington, NM 87499-5513 (505) 325-5449</b>	7. If Unit or CA, Agreement Designation <b>Eagle Mesa Unit</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>330' FNL &amp; 330' FEL (Unit 1/4-1/4: A) T19N-R4W, Sec.14, Sandoval Co., NM</b>	8. Well Name and No. <b>EMU #3-H</b>
	9. API Well No. <b>30-043-20092 20192</b>
	10. Field and Pool, or Exploratory Area <b>Eagle Mesa Entrada</b>
	11. County or Parish, State <b>Sandoval Co., NM</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well 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 LLC proposes to plug and abandon the subject well according to the attached procedure.



14. I hereby certify that the foregoing is true and correct. Signed <u>[Signature]</u> Title <b>Operations Manager</b> Date <b>November 6, 2000</b>
(This space for Federal or State office use) Approved by _____ Title _____ Date <u>11/24/00</u> Conditions of approval, if any: _____

Title 18 U.S.C. Section 1001, makes 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.

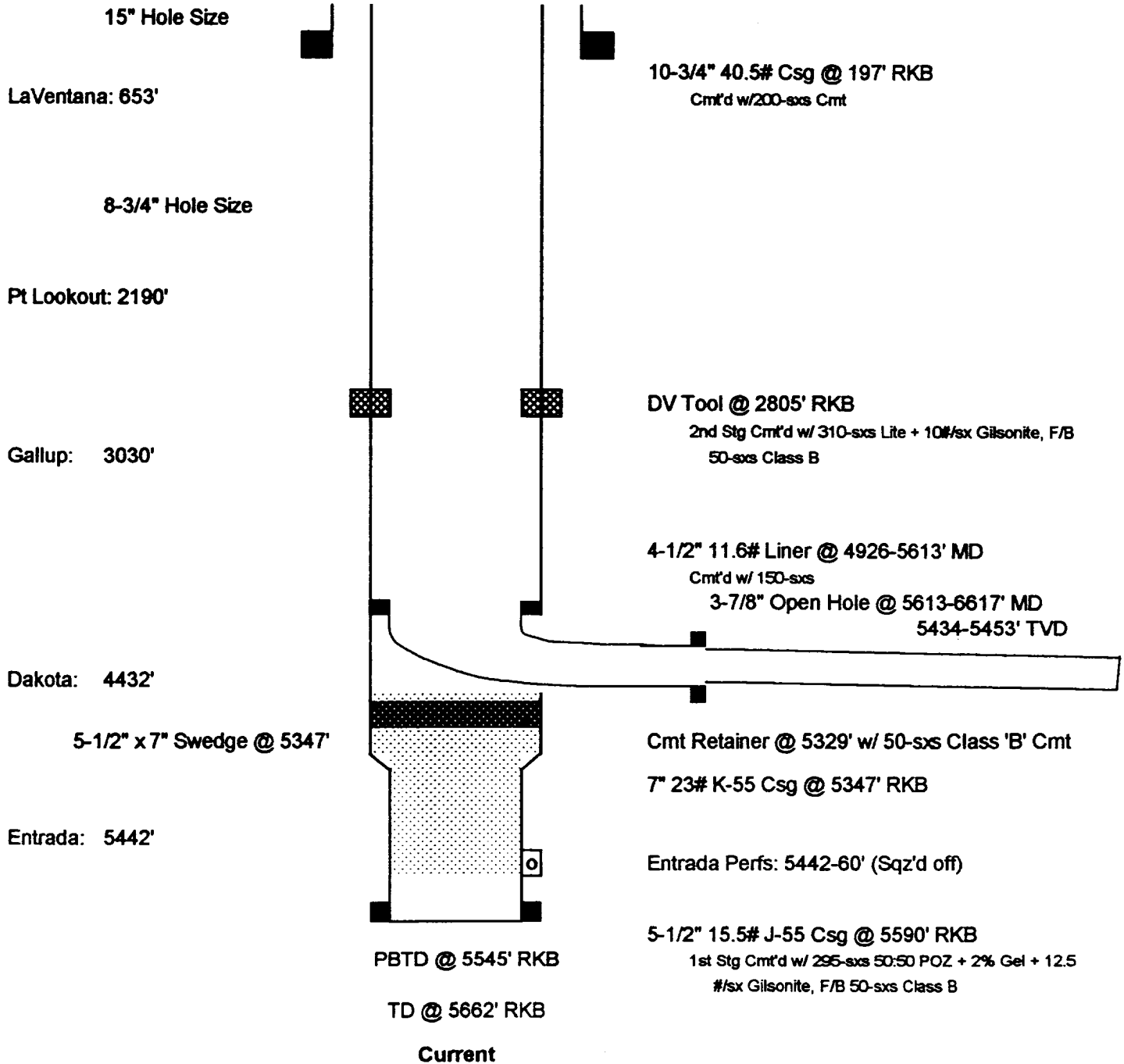
\*See Instruction on Reverse Side

# Wellbore Schematic

## Eagle Mesa Unit #3

Location: 330' FNL & 330' FEL  
Sec 14, T19N, R4W  
Sandoval Co, NM

Elevation: 6648' GL  
6661' RKB

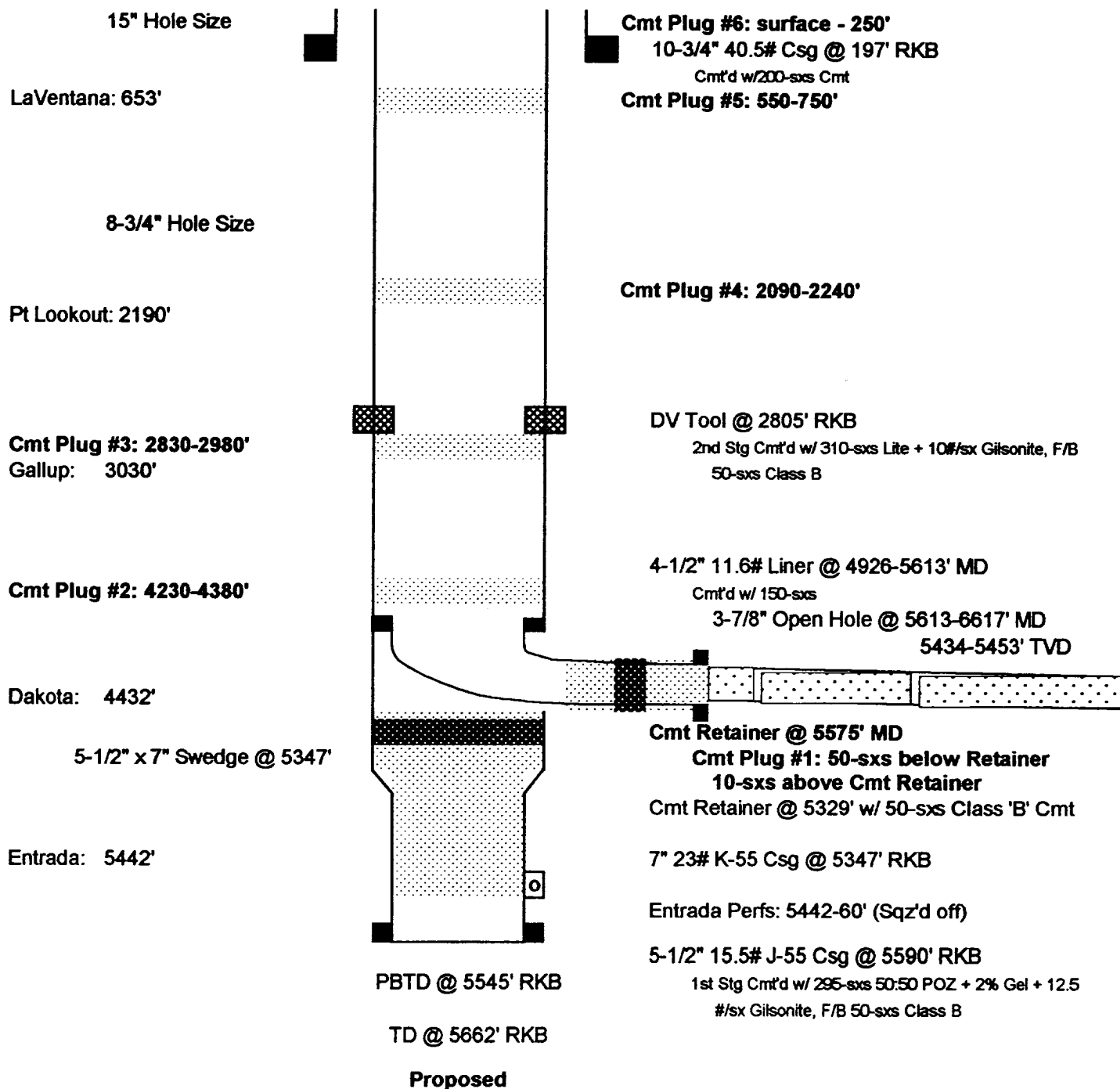


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Elevation: 6648' GL  
6661' RKB



## **Plug & Abandonment Procedure**

**Drafted: June 15, 2000**

**Eagle Mesa Unit #3 (13' KB to GL)  
Eagle Mesa Entrada / Producing well**

**Note:** All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.5 ppg, sufficient to balance all exposed formation pressures.

1. Test / Install all rig anchors on location. Dig, line and fence workover pit. Comply to all NMOCD, BLM, EPA, Indian and Synergy Operating regulations and safety practices. Report topic of daily safety mtgs on daily reports.
2. MI RU P&A rig & spot auxiliary equipment. RU circulating line to workover pit. Blow both casing and tubing to workover pit. ND WH, NU BOP & Pressure-test (PT).
3. RU cable spoolers.
4. TOOH laying down 49-Jts 3-1/2" 9.3# J-55 EUE (Internally Plastic Coated) tbgs, ESP & cable.
5. GIH w/ 4-1/2" 11.6# gauge ring to 5600' on W/L (Horizontal OH Entrada Section from 5613' MD to 6617' MD).
6. PU & tally 2-3/8" 4.7# J-55 EUE workstring, TIH w/ 5-1/2 15.5# Cmt Rtn on tbgs & set @ 5575'
7. PUH to 5550' +/- and circ hole w/ produced water to workover pit. PT casing to 500# for 15-Mins.
8. Sting into Cmt Rtr @ 5575' & establish injection rate into Entrada OH @ 5613-6617'.
9. Plug #1 (Entrada): Mix and pump 60-sxs CI 'B' cmt, squeeze 50-sxs below Cmt Rtr. Sting out of Cmt Rtr and spot remaining 10-sxs on top of Cmt Rtr from 5575-5440'.
10. PUH to 4380', laying down 2-3/8" workstring.
11. Plug #2 (Dakota): Spot 28-sxs CI 'B' cmt balanced plug from 4380-4230' inside 7" 23# csg.
12. PUH to 2980', laying down 2-3/8" workstring.
13. Plug #3 (Gallup): Spot 28-sxs CI 'B' cmt balanced plug from 2980-2830' inside 7" 23# csg.
14. PUH to 2254', laying down 2-3/8" workstring.
15. Plug #4 (MV/Pt Lookout): Spot 28-sxs CI 'B' cmt balanced plug from 2240-2090' inside 7" 23# csg.
16. PUH to 750', laying down 2-3/8" workstring.
17. Plug #5 (La Ventana): Spot 37-sxs CI 'B' cmt balanced plug from 750-550' inside 7" 23# csg.
18. PUH to 250', laying down 2-3/8" workstring.
19. Pressure Test Bradenhead to 300#.
20. Plug #6 (10-3/4" Surf Csg Shoe @ 197'): Circ 47-sxs CI 'B' cmt from 250-Surface.
21. TOOH, laying down remaining 2-3/8" workstring.
22. ND BOP & companion flange. Dig Cellar, cut-off WH 3' below GL. RD PU. Install P&A marker.