

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

Form C-103  
Revised March 25, 1999

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-043-20938
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other: _____		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Synergy Operating LLC		6. State Oil & Gas Lease No.
3. Address of Operator P.O.Box 5513, Farmington, NM 87499		7. Lease Name or Unit Agreement Name: Eagle Mesa Entrada (NMNM85753X)
4. Well Location Unit Letter <u>E</u> : <u>2145</u> feet from the <u>North</u> line and <u>645</u> feet from the <u>West</u> line Section <u>13</u> Township <u>19N</u> Range <u>4W</u> NMPM Sandoval County		8. Well No 7
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 6608' RKB 6595' GR		9. Pool name or Wildcat Eagle Mesa Entrada (20430)

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

**NOTICE OF INTENTION TO:**  
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐  
OTHER: ☐

**SUBSEQUENT REPORT OF:**  
REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Synergy Operating proposes to Plug & Abandon the subject well according to the attached procedure

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Glen O. Papp TITLE Operations Manager DATE 11/1/00

Type or print name Glen O. Papp Telephone No. 325-5449

(This space for State use)

APPROVED BY ORIGINAL SIGNATURE TITLE DEPUTY OIL & GAS DIRECTOR DATE NOV 3 2000

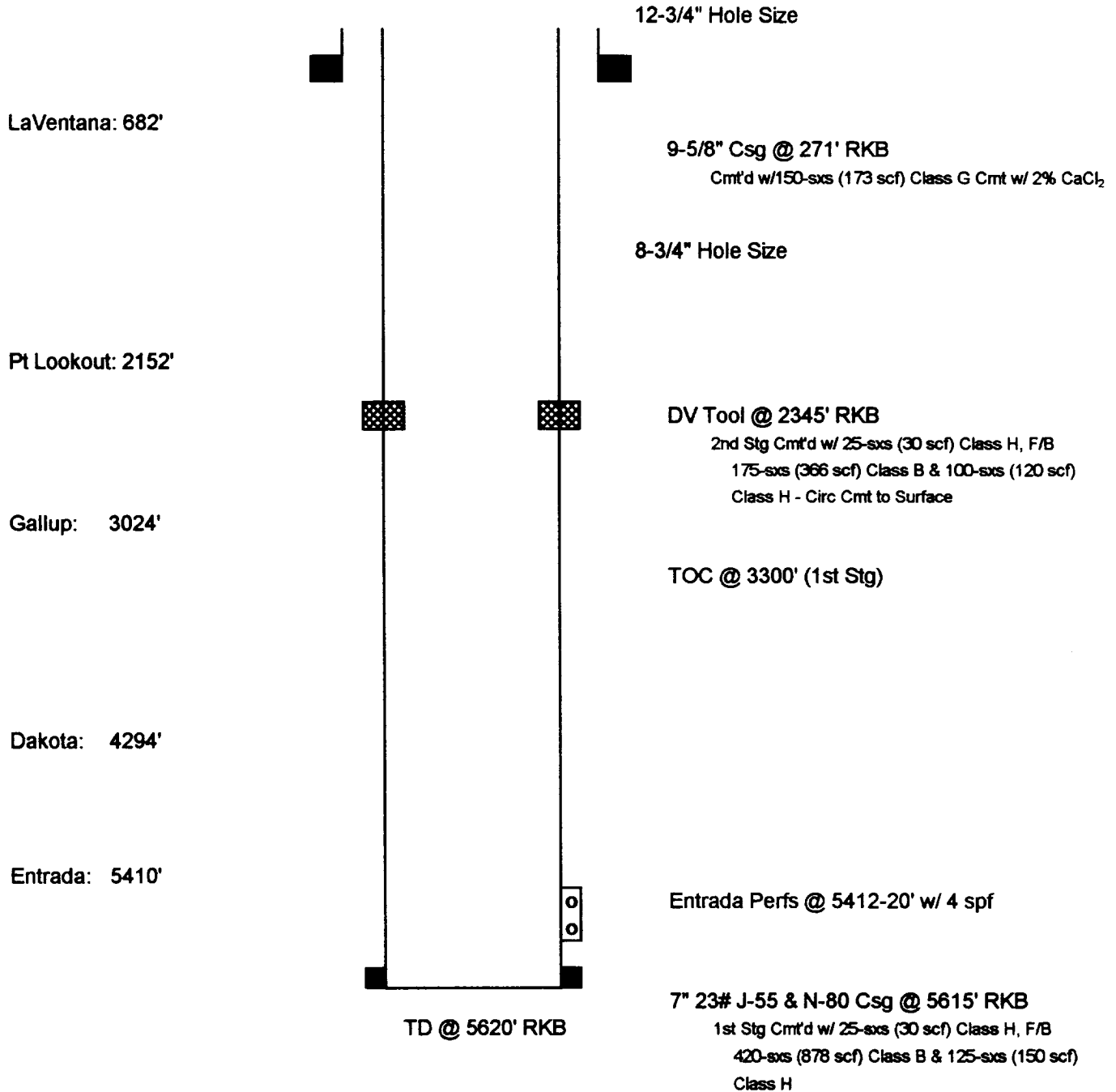
Conditions of approval, if any:

# Wellbore Schematic

## Eagle Mesa Unit #7

Location: 2145' FNL & 645' FWL  
Sec 13, T19N, R4W  
Sandoval Co, NM

Elevation: 6595' GL  
6608' RKB



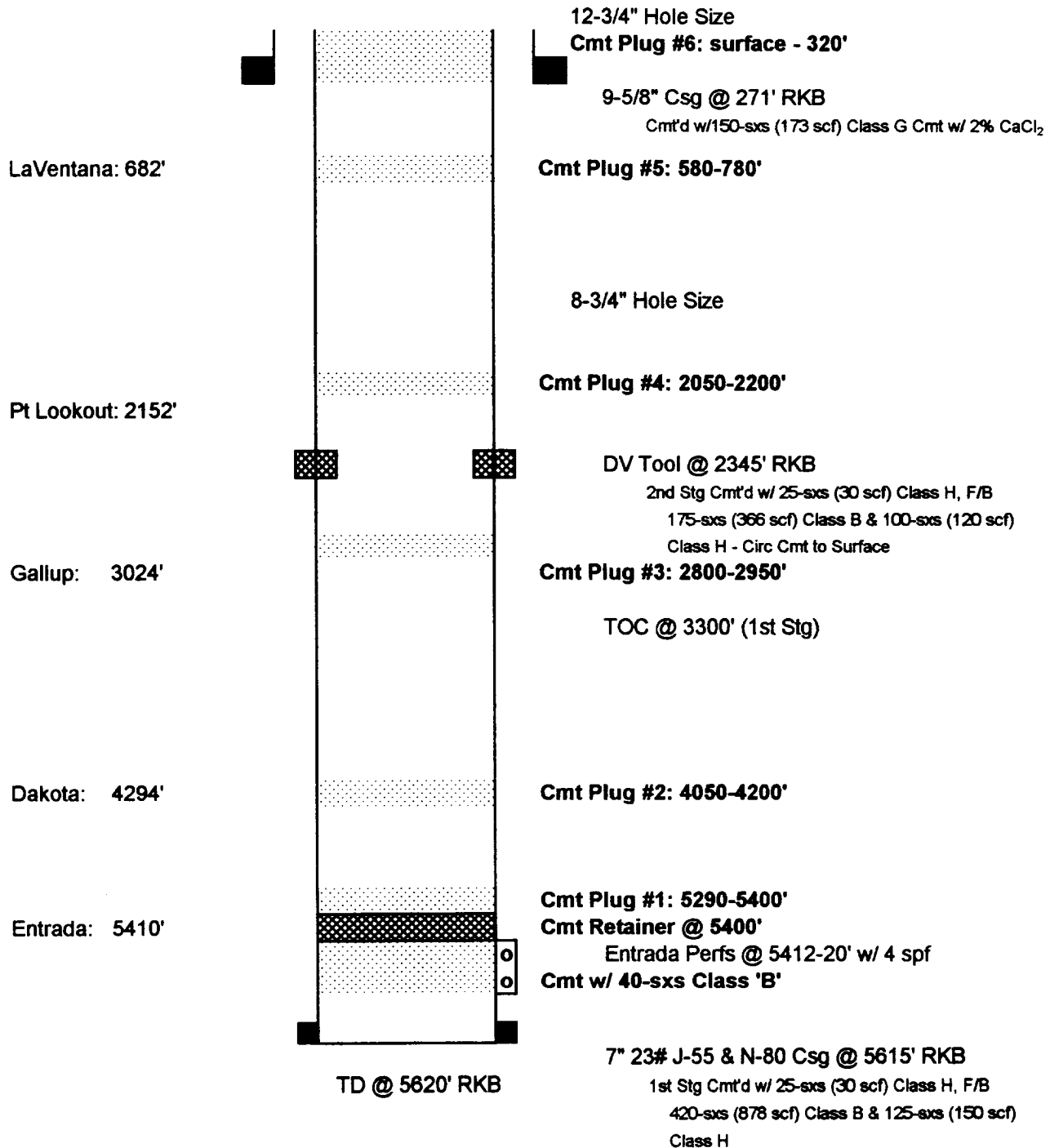
Current

# Wellbore Schematic

## Eagle Mesa Unit #7

Location: 2145' FNL & 645' FWL  
Sec 13, T19N, R4W  
Sandoval Co, NM

Elevation: 6595' GL  
6608' RKB



Proposed

## **Plug & Abandonment Procedure**

**Drafted: June 15, 2000**

### **Eagle Mesa Unit #7 (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. TOOH laying down 82-Jts 3-1/2" 9.3# J-55 EUE tbg.
4. GIH w/ guage ring to 5400' on W/L (Entrada perfs @ 5412-5420').
5. PU & tally 2-3/8" 4.7# J-55 EUE workstring, TIH w/ 7" 23# Cmt Rtn on tbg & set @ 5400'
6. PUH to 5380'+/- and circ hole w/ produced water to workover pit. PT casing to 500# for 15-Mins.
7. Sting into Cmt Rtr @ 5400' & establish injection rate into Entrada perfs @ 5412-5420'.
8. Plug #1 (Entrada): Mix and pump 60-sxs Cl 'B' cmt, squeeze 40-sxs below Cmt Rtr. Sting out of Cmt Rtr and spot remaining 20-sxs on top of Cmt Rtr from 5400-5290'.
9. PUH to 4200', laying down 2-3/8" workstring.
10. Plug #2 (Dakota): Spot 28-sxs Cl 'B' cmt balanced plug from 4200-4050' inside 7" 23# csg.
11. PUH to 2950', laying down 2-3/8" workstring.
12. Plug #3 (Gallup): Spot 28-sxs Cl 'B' cmt balanced plug from 2950-2800' inside 7" 23# csg.
13. PUH to 2200', laying down 2-3/8" workstring.
14. Plug #4 (MV/Pt Lookout): Spot 28-sxs Cl 'B' cmt balanced plug from 2200-2050' inside 7" 23# csg.
15. PUH to 780', laying down 2-3/8" workstring.
16. Plug #5 (La Ventana): Spot 37-sxs Cl 'B' cmt balanced plug from 780-580' inside 7" 23# csg.
17. PUH to 320', laying down 2-3/8" workstring.
18. Pressure Test Bradenhead to 300#.
19. Plug #6 (10-3/4" Surf Csg Shoe @ 271'): Circ 60-sxs Cl 'B' cmt from 320-Surface.
20. TOOH, laying down remaining 2-3/8" workstring.
21. ND BOP & companion flange. Dig Cellar, cut-off WH 3' below GL. RD PU. Install P&A marker.