

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator *Synergy Oper*  
*% Petroleum Development Corp.*

3. Address and Telephone No.  
*801 E. 4th #23 Gillette, Wyo 82716 (307) 682-4088*

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

*1955' FNL 8100' FEL  
Sec 14 T19N R4W  
Sandoval, New Mexico*

5. Lease Designation and Serial No.

*N00-C-14-20-2717*

6. If Indian, Allottee or Tribe Name

*Navajo Allotted*

7. If Unit or CA, Agreement Designation

*Eagle Mesa Unit*

8. Well Name and No.

*EMU #5*

9. API Well No.

*30-043-20935*

10. Field and Pool, or Exploratory Area

*ENTRADA*

11. County or Parish, State

*Sandoval, NM*

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

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

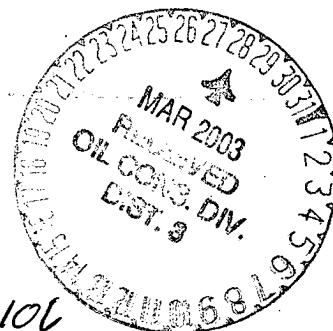
- ☒ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(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.)\*

*See attachments*

*add MV TOP Plug 754-654 Rk  
Key added MV plug*



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

Signed *Bill Lee by R. Blackman*

Title

*PEA Supervisor Key Energy*

Date

*3-21-03*

(This space for Federal or State office use)

Original Signed: *Stephen Mason*

Approved by

Conditions of approval, if any:

Title

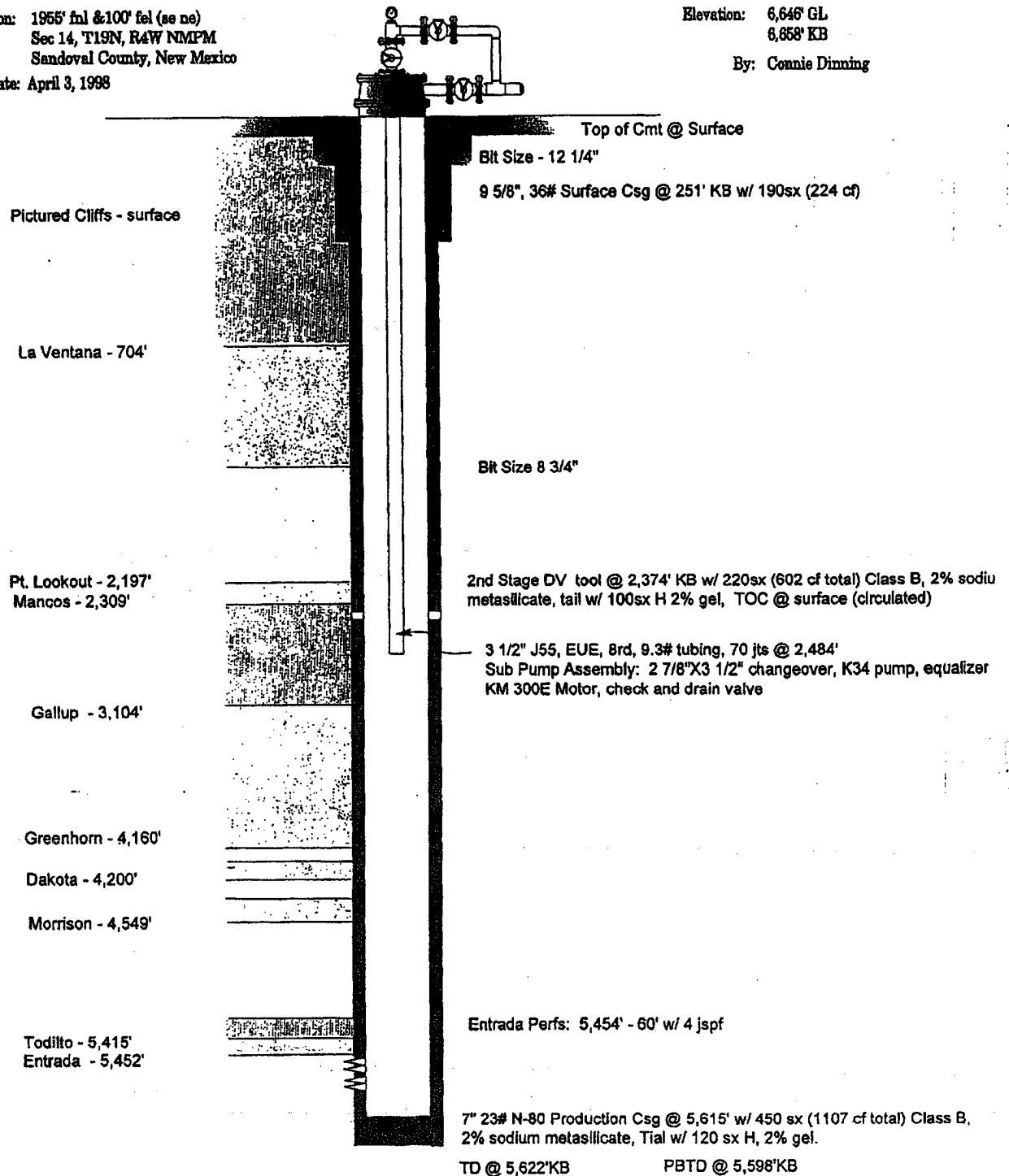
Date

*3/26/03*

**Merrlon Oil & Gas Corporation**  
**Wellbore Schematic**  
**Eagle Mesa Unit #5**  
Proposed Wellbore Configuration

Location: 1955' fml & 100' fcl (se ne)  
 Sec 14, T19N, R4W NMMPM  
 Sandoval County, New Mexico  
 Date: April 3, 1998

Elevation: 6,646' GL  
 6,658' KB  
 By: Connie Dinning



## **PLUG AND ABANDONMENT PROCEDURE**

**EAGLE MESA UNIT #5  
ENTRADA  
SEC. 14, T19N, R4W  
SANDOVAL, NEW MEXICO**

**NOTE: ALL CEMENT VOLUMES USE 100% EXCESS OUTSIDE PIPE AND 50' EXCESS INSIDE PIPE. THE STABILIZING WELLBORE FLUID WILL BE 8.34 PPG, SUFFICIENT TO BALANCE ALL EXPOSED FORMATION PRESSURES.**

- 1. INSTALL AND TEST RIG ANCHORS. PREPARE BLOW PIT. COMPLY WITH ALL NMOCD, BLM, AND PEDCO REGULATIONS.**
- 2. MOL AND RU. CONDUCT SAFETY MEETING WITH ALL PERSONNEL ON LOCATION. NU RELIEF LINE. BLOW DOWN WELL, AND KILL WITH H2O IF NECESSARY. ND WELLHEAD AND NU BOP AND TEST.**
- 3. TIH WITH GUAGE RING RUN 7" BRIDGE PLUG TIH WITH TUBING**
- 4. PLUG #1 5404' 10SACKS ABOVE BRIDGE PLUG.**
- 5. PLUG #2 (DAKOTA) 4200'-4100' SPOT 29 SACKS**
- 6. PLUG #3 (GALLUP) 3104'-3004' SPOT 29 SACKS**
- 7. PLUG #4 ( DV TOOL) 2424'-2324 SPOT 29 SACKS**
- 8. PLUG #5 (SURFACE) 301'-0' 111 SACKS**

**ND BOP & RD FLOOR. DIG CELLAR AND CUT OFF WELLHEAD. TOP OFF CASING STRINGS AS NEEDED. RD AND MOL. CUT OFF ANCHORS AND INSTALL DRY HOLE MARKER.**

**PREPARED BY RANDY BLACKMON  
P&A SUPERVISOR  
KEY ENERGY SERVICES**

PROPOSED WELL BORE DIAGRAM  
EAGLE MESA UNIT #5

