

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Oil and Gas Division

P.O. Box 1980  
Hobbs, NM 88241

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 type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM 97158
2. Name of Operator Discovery Operating, Inc.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 800 N. Marienfeld, Suite 100, Midland, TX 79701 (915)683-5203	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1938' FNL & 2157' FWL Sec. 24, T-23-S, R-35-E	8. Well Name and No. Flintstone Federal #1
	9. API Well No. 30-025-34253
	10. Field and Pool, or Exploratory Area Wildcat
	11. County or Parish, State Lea County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" 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 checked="" type="checkbox"/> Other Completion
	<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.)

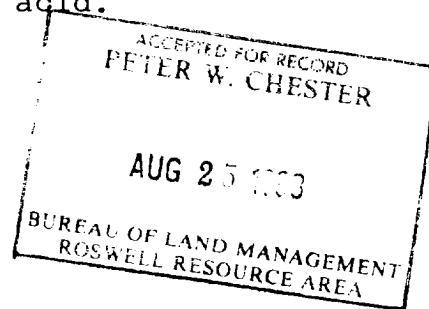
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

6/8/98 - Perforated 10,514'-10,518'. Swab tested 100% water. Set CIBP at 10,484' and capped w/4 sx cement.

6/10/98 - Perforated casing at 10,038'-10,048'.

6/25/98 - Set test tank and production tested well.

7/1/98 - Acidized with 2500 gals of 15% Fer-chek acid.



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

Signed Heidi Anderson Title Technical Assistant Date 7/30/98

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
P.O. Box 1980  
Hobbs, NM 88241

FORM APPROVED  
Budget Bureau No. 104-0145  
Expires: March 31, 1993

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**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Discovery Operating, Inc.

3. Address and Telephone No.

800 N. Marienfeld, Suite 100, Midland, TX 79701 (915) 683-5203

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

1938' FNL & 2157' FWL  
Sec. 24, T-23-S, R-35-E

5. Lease Designation and Serial No.

NM 97158

6. If Indian, Allottee or Tribe Name

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8. Well Name and No.

Flintstone Federal #1

9. API Well No.

30-025-34253

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Lea County, NM

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☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

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☐ Other  
☐ Change of Plans  
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(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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5/26/98-6/1/98 RUSU. Picked up tubing. Circulated hole with clean 2% KCL water. Shot stimstick across zone. @ 11,922'-11,928'. Swab tested open hole section (11,830'-12,200'). Zone tested 100% water.

6/2/98 Set CIBP @ 11,800'. Capped w/4 sx cement (35').

6/3/98-6/4/98 Perforated casing @ 11,362'-11,368'. Swab tested zone. Zone tested 100% water.

6/5/98 Set CIBP @ 11,320'. Capped with 4 sx cement (35').

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

Signed *David R. Glass*

Title Technical Assistant

Date 6/11/98

(This space for Federal or State office use)

Approved by (ORIG. SGD.) DAVID R. GLASS  
Conditions of approval, if any:

Title PETROLEUM ENGINEER

Date JUN 16 1998

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. 1980

P.O. Box 1980  
Hobbs, NM 88241

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

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☐ Change of Plans  
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Drilled well to total depth of 14,217'.  
Set 40 sk plug @ 13,616'-13,402'.  
Set 60 sk plug @ 12,399-12,022'.  
Laid down drill pipe and nipped down.  
Nipped up wellhead and released rig. (4/23/98)

*Per Telephone Conversation With Jeff Sparks  
Verbal Approval Granted 04-21-98: J.R.H.*

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

Signed

*Deidi Anderson*

Title Engineering Assistant

Date

4-29-98

(This space for Federal or State office use)

Approved by (ORIG. SGD.) DAVID R. GLASS

Title

PETROLEUM ENGINEER

Date

MAY 05 1998

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M.C. Cons  
P.O. Box 1980  
Hobbs, NM 88241

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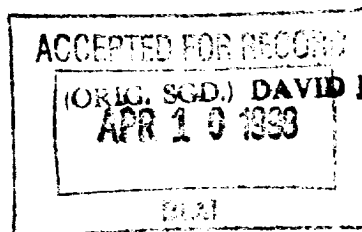
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2nd Intermediate Casing:

Set 7", 23# & 26#, S-95, LT&C, in a 8-3/4" hole to a total depth of 11,855'. Cemented with 235 sx Halliburton Light Premium Plus cement followed by 375 sx Premium Plus. TOC = 9310' by Temp. Survey. Tested casing, held OK. (3/26/98)

Tested BOP to 7500 psi, OK. (3/28/98)



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

Signed Dee Anderson

Title Engineering Assistant

Date 3-30-98

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any

Title \_\_\_\_\_

Date \_\_\_\_\_

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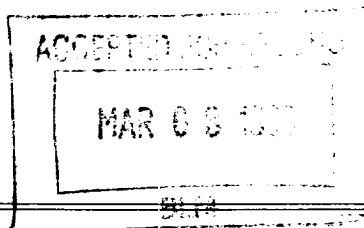
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Spud at 1:30 AM, 2/6/98.

Surface Casing: Set 13-3/8", 48#, H-40, ST&C casing in a 17 1/2" hole at a total depth of 506'. Cemented w/500 sx Class PP cement. Circulated to surface. (2/7/98)

Intermediate Casing: Set 9-5/8", 40# & 36#, N-80 & J-55, LT&C/ST&C in a 12 1/4" hole to a total depth of 5261'. Cemented with 250 sx Premium Plus and 970 sx Innerfill C. TOC=1840' by Temp. Survey. DV Tool set at 3868'. Tested casing to 1000 psi and held, OK. (2/22/98)



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

Signed

*Heidi Anderson*

Title

Engineering Assistant

Date

2/26/98

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date