

UNITED STATES  
DEPARTMENT OF THE INTERIOR **Oil Cons.**  
BUREAU OF LAND MANAGEMENT **N.M. DIV-Dist. 2**  
**1301 W. Grand Avenue**  
**Artesia, NM 88210**

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or abandon a well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED  
Budget Bureau No. 1004-0135 **5**  
Expires November 30, 2000

5. Lease Serial No. **NM 106966**  
**IC - 0413245-**

6. If Indian, Allottee or Tribe Name  
**n/a**

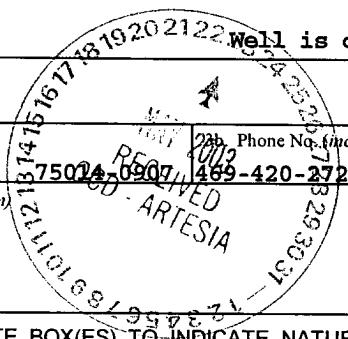
**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**Gruy Petroleum Management Co.**

3a. Address  
**P.O. Box 140907 Irving, Texas** Phone No. (include area code)  
**75024-0907 469-420-2728**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Section 10 T-24-S, R-36-E**  
**Unit J 2300' FSL & 1980' FEL**



7. If Unit or CA/Agreement, Name and/or No.  
**SW 756**

8. Well Name and No.  
**O'neill B Federal 1**

9. API Well No.  
**30-015-20867**

10. Field and Pool, or Exploratory Area  
**Carlsbad, Morrow So.**

11. County or Parish, State  
**Eddy NM**

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

**TYPE OF SUBMISSION**

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

**TYPE OF ACTION**

- Acidize
- Alter Casing
- Casing Repair
- Change Plans
- Convert to Injection
- Deepen
- Fracture Treat
- New Construction
- Plug and Abandon
- Plug Back
- Production (Start/Resume)
- Reclamation
- Recomplete
- Temporarily Abandon
- Water Disposal
- Water Shut-Off
- Well Integrity
- Other **Clean out well and add perfs to existing perfs**

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

**Gruy Petroleum Management Co. respectfully request approval to clean out the well and add Morrow perfs to the existing Morrow perfs. Well is currently shut-In. Will attempt to bring well back on production. Please find attached procedure and well bore skematics.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Don Aldridge**

*Don Aldridge*

Title

**Sr. Regulatory Analyst**

Date

**4-11-2003**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

**(ORIG. SGD.) JOE G. LARA**

Title

**Petroleum Engineer**

Date

**5/16/03**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

**CFO**

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.

(Instructions on reverse)

**RECOMMENDED WELLWORK PROCEDURE  
O'NEILL 'B' COM #1  
CARLSBAD, SOUTH (MORROW)  
EDDY COUNTY, NEW MEXICO**

**WELL DATA**

**SPUD DATE:** 7/28/73  
**PERM. ZERO PT.:** KB=3345', GL=3325'  
**TOTAL DEPTH:** 11,850'  
**PBTD :** Cmt ret @ 11475', Fill tagged @ 11324'  
**SURFACE CSG:** 13-3/8", 48#, H-40 @ 400'  
**INTER CSG :** 9-5/8", 36 & 40#, N-80 @ 5654'  
**PROD CSG:** 4-1/2", 11.6#, N-80 @ 11,850'  
**PERFS (OPEN):** 11372-11375, 11377-11379, 11414-11420, 11428-11431, 11442-11456'  
**TBG:** 2-3/8"  
**PKR:** Baker Lok-Set w/ 1.81" profile & on/off tool @ 11315'  
**OTHER:** Csg leaks from 5718-80' sqz'd  
Sqz perfs @ 7700-01'

**OBJECTIVE:** Re-test Lower Morrow.

**\*\*\*\*\* SAFETY IS TOP PRIORITY \*\*\*\*\***

**PROCEDURE:**

Use 7% KCL wtr.

1. MIRU wellservice rig. Load tbg. ND WH. NU BOP's and test.
2. Load tbg. Rls pkr. POH laying down 2-3/8" tbg. Send tbg in for inspection - had some bad joints during 1997 workover. Send pkr in for re-dress.
3. RU Air/Foam Unit.
4. PU & RIH w/ bit on 2-3/8", N-80 workstring. Clean out fill, cmt ret and cmt from 11324' to +/- 11600'. Circ hole clean. POH.

**NOTE:** Have fill analyzed for content.

5. RIH w/ 4-1/2" pkr on workstring. Set pkr +/- 11300'.
6. Swab test perfs 11372-11456' for fluid entry and gas rate.
7. Rls pkr & POH w/ workstring.

8. MIRU e-line. Install lubricator. RIH w/ csg guns and GR/CCL tools. Run strip log to get on depth. Perforate the Morrow 11481-11487 and 11489-11503', 6 spf by Dresser Atlas Compensated Densilog / Compensated Neutron log dated 9/29/73. RD e-line.
9. RIH w/ 4-1/2" pkr on workstring to +/-11470'. Spot 250 gals 15% NEFE HCL to end of tbg. Set pkr. Load annulus & test.
10. Load tbg. BD & EIR into perfs 11481-11487' w/ acid followed by 2 bbls 7% KCL wtr. SI. Record ISIP and 15 min SIP. Monitor annulus for communication.
11. If no communication indicated, Swab test perfs 11481-11503'.
12. Rls pkr. PU & reset +/- 11300'. ND BOP's. NU frac-stac wellhead.
13. MIRU acid pumping and nitrogen equipment. Install pump and pop-off set for 1000 psi on annulus. Stake and tie-down all lines. Pressure test lines to 10000 psi. Acidz Morrow 11481-11503' w/ 2700 gals 75%-25% 7-1/2% NEFE HCL-Methanol nitrified w/ N2 to 4000 gals total volume and 100 7/8" RCNBS. Flush w/ 7% KCL + N2.
14. Open well and flow back to test. Swab as necessary.
15. Load tbg. ND wellhead. NU BOP's.
16. Rls pkr & POH w/ 2-3/8" workstring. Lay down workstring if not going to be used for production string.
17. PU & RIH w/ re-dressed Lok-set pkr & on-off tool on 2-3/8" production tbg. Set pkr +/- 11,300'. Rls from pkr. Rev annulus w/ pkr fluid. Latch pkr. Test annulus.
18. ND BOP's. NU wellhead.
19. Swab well in to flow.
20. RD&RR.
21. Open well and flow to test.

# GRUY PETROLEUM MANAGEMENT CO.

CARLSBAD, SOUTH

O'NEILL 'B' COM #1

SPUDDED 7/28/73  
API 30-015-20867

## CURRENT COMPLETION

Sherry Reid Carroll 3/12/03

KB: 3345'  
DF: -  
GL: 3325'

1980' FEL & 2300' FSL  
Sec 10, T-24-S, R-26-E  
Unit Letter J  
Eddy County, New Mexico

Casing Strings:  
?? Conductor

13-3/8" (17-1/2" hole), 48#, H-40  
@ 400' w/ 450 sx cmt  
TOC @ surface - circ

9-5/8" (12-1/4" hole), 36 & 40#, N-80  
@ 5654' w/ 1000 sx cmt  
TOC @ 1400' (temp survey)

4-1/2" (8-3/4" hole), 11.6#, N-80  
@ 111850' w/ 1325 sx  
TOC @ 7910' (temp survey)  
(original)

Csg leaks: 5718-80'  
Sqz'd w/ 95 sx out

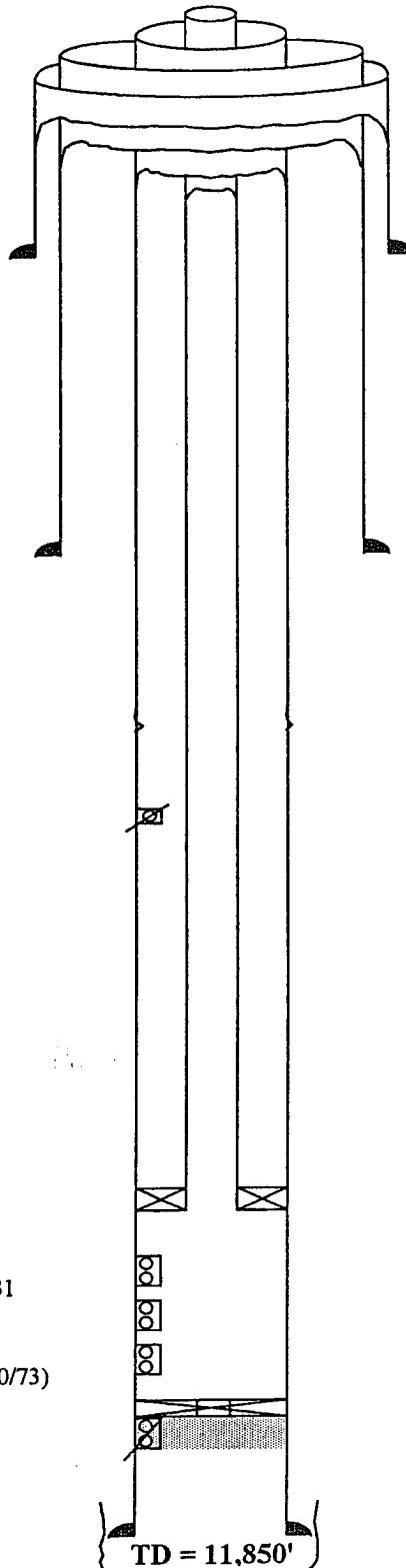
Sqz Perfs: 7700-01', 4 spf (10/97)  
Sqz'd w/ 450 sx out

Morrow:  
11372-75, 11377-79, 11414-20, 11429-31  
11442-56, 1 spf (10/73)

11414-20, 11428-30, 11442-52, 4 spf (10/73)

11481-87, 11489-93, 11495-98', 1 spf  
(10/73)

Sqz'd w/ 35 sx out (10/73)



Tubing String:  
2-3/8" tbg

Lok Set pkr @ 11315'  
w/ profile & on/off tool

Possible fill tagged @ 11324' (2/99)

Unable to cln out past 11406' (4/94)

Cmt ret @ 11475'

TD = 11,850'

# GRUY PETROLEUM MANAGEMENT CO.

CARLSBAD, SOUTH

O'NEILL 'B' COM #1

SPUDDED 7/28/73  
API 30-015-20867

## PROPOSED COMPLETION

Sherry Reid Carroll 3/12/03

KB: 3345'  
DF: -  
GL: 3325'

1980' FEL & 2300' FSL  
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TOC @ 1400' (temp survey)

4-1/2" (8-3/4" hole), 11.6#, N-80  
@ 111850' w/ 1325 sx  
TOC @ 7910' (temp survey)  
(original)

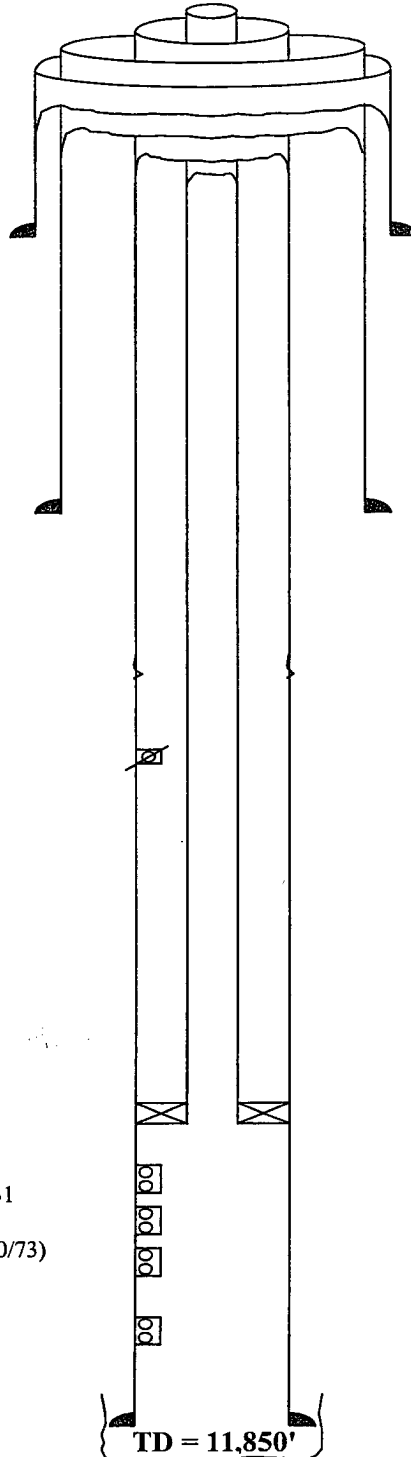
Csg leaks: 5718-80'  
Sqz'd w/ 95 sx out

Sqz Perfs: 7700-01', 4 spf (10/97)  
Sqz'd w/ 450 sx out

Morrow:

11372-75, 11377-79, 11414-20, 11429-31  
11442-56, 1 spf (10/73)  
11414-20, 11428-30, 11442-52, 4 spf (10/73)

Perf 11481-11498'  
11481-87, 11489-93, 11495-98', 1 spf  
(10/73)



Tubing String:  
2-3/8" tbg

Lok Set pkr +/- 11300'  
w/ profile & on/off tool