

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  
En. y, 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.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	WELL API NO. <b>30-025-29980</b>
2. Name of Operator <b>Gruy Petroleum Management Co.</b>	5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
3. Address of Operator <b>P.O. Box 140907 Irving, Texas 75014-0907</b>	6. State Oil & Gas Lease No. <b>29020</b>
4. Well Location Unit Letter <b>I</b> : <b>1980</b> feet from the <b>south</b> line and <b>660</b> feet from the <b>East</b> line Section <b>3</b> Township <b>17S</b> Range <b>37E</b> NMPM County <b>Lea</b>	7. Lease Name or Unit Agreement Name: <b>Byers</b>
10. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3764' GR</b>	8. Well No. <b>1</b>
	9. Pool name or Wildcat <b>Shipp Strawn</b>

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 recompletion.

Gruy Petroleum Management Co. respectfully request approval to perform the work on the well as per the following procedure.

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

SIGNATURE Don Aldridge TITLE Sr. Regulatory Analyst DATE 10-14-2002

Type or print name Don Aldridge Telephone No. 469-420-2728

(This space for State use)

APPROVED BY GARY W. WINK DATE OCT 28 2002  
Conditions of approval, if any:

**RECOMMENDED WORKOVER PROCEDURE**  
**BYERS #1**  
**SHIPP FIELD**  
**LEA COUNTY, NEW MEXICO**

**WELL DATA**

**SPUD DATE:** 7/18/87  
**PERM. ZERO PT.:** GL=3764.1'  
**TOTAL DEPTH:** 11,769'  
**SURFACE CSG:** 13-3/8", 48#, H-40 @ 425'  
**INTER CSG:** 8-5/8", 28#, S-80 @ 4210'  
**PROD CSG:** 5-1/2", 17#, N-80 @ 11,769'  
**OPEN PERFS:** none  
**SHUT-OFF PERFS:** Strawn 11415-20, 11432-62, 11467-505, 11510-36, 11547-51'  
Atoka 11602-11613'  
**TBG:** None  
**PKR:** None  
**OTHER:** CIBP @ 11,380'  
CIBP w/ 35' cmt @ 11,515'

**OBJECTIVE:** Recommending re-perforating, acidizing and testing the Strawn.

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

**PROCEDURE:**

1. MIRU wellservice rig. ND WH. NU BOP's and test.
2. PU & RIH w/ bit & scpr on 2-7/8", N-80 workstring to PBTD +/- 11380'. Attempt to circ hole. POH.
3. PU & RIH w/ pkr to CIBP. Test CIBP. Isolate csg leaks.

**NOTE:** Csg inspection log showed extreme pitting w/ possible holes @ 6115, 6250-6294, 6410, 6966 and 7157'. Can pump-in 2 bpm @ 200 psi.

4. Evaluate csg leaks as follows:
  - a. If holes can be isolated, sqz and drill out.
  - b. If specific leaks cannot be identified, continue w/ procedure to test well to evaluate for liner.
5. DO CIBP @ 11380'.
6. MIRU e-line. Install lubricator. If unable to locate openhole logs from OCD, run CNL/GR/CCL log from PBTD to 4200' and fax in for determination of perfs. RIH w/ GR/CCL & run strip log for correlation.

7. RIH w/ csg guns and re-perf Strawn 11415-20, 11432-62, 11467-505, 11510-36, 11547-51, 2 JSPF. RD e-line.
8. PU & RIH w/ 10k stimulation pkr on 2-7/8" tbg to 11350'. Load annulus and pressure to 500 psi if possible.
9. MIRU Petroplex. Acidize well w/ 10,000 gals 15% FE/AS-2X HCL acid as follows:
  - a. Load tbg and EIR w/ 2% KCL
  - b. Pump 2000 gals acid
  - c. Pump 500 gals gelled saturated brine w/ 1000# 50/50 GRS & 100 mesh salt mix
  - d. Pump 3000 gals acid
  - e. Pump 500 gals gelled saturated brine w/ 1000# 50/50 GRS & 100 mesh salt mix
  - f. Pump 5000 gals acid
  - g. Flush & overflush w/ 5000 gals 2% KCL wtr

Adjust 2<sup>nd</sup> blk as necessary. Pump at 5-8 bpm w/ max pressure of 8000 psi.
10. RU swab. Swab back acid water.
11. Rls pkr, Lower, Tag PBTD and POH laying down workstring.
12. RIH w/ pumping setup. Run pkr to pump below pkr if csg was not repaired.
13. ND BOP's. NU wellhead.
14. RIH w/ 1.25" insert pump on 76 rod string w/ sinker bars. Run RODSTAR for rod string design.
15. Start well pumping. RD & RR.
16. Evaluate well for additional work.

# GRUY PETROLEUM MANAGEMENT CO.

SHIPP FIELD  
SPUDED 7/18/87

Byers #1

API 30-025-29980

## CURRENT COMPLETION

Sherry Reid Carroll 6/21/02

KB: -  
CH: -  
GL: 3764.1'

660' FEL & 1980' FSL  
Sec 3, T-17-S, R-37-E  
Unit Letter I  
Lea County, New Mexico

### Casing Strings:

13-3/8" (17-1/2" hole), 48#, H-40  
@ 425' w/ 420 sx cmt  
TOC @ surface - circ

8-5/8" (11" hole), 28#, S-80  
@ 4210' w/ 1315 sx cmt  
TOC @ 1100' (temp survey)

5-1/2" (7-7/8" hole), 17#, N-80  
@ 11,769' w/ 1445 sx cmt  
CBL showed excellent bond to 9450'  
& good to fair bond up to 7800'  
(top of bond log run)

Tubing String:  
none

### Sqz cag leaks:

5308-5324' w/ 215 sx (4/96)

### Csg inspection log:

extreme pitting w/ possible holes @  
6115, 6250-94, 6410, 6966, 7157

### Strawn Perfs:

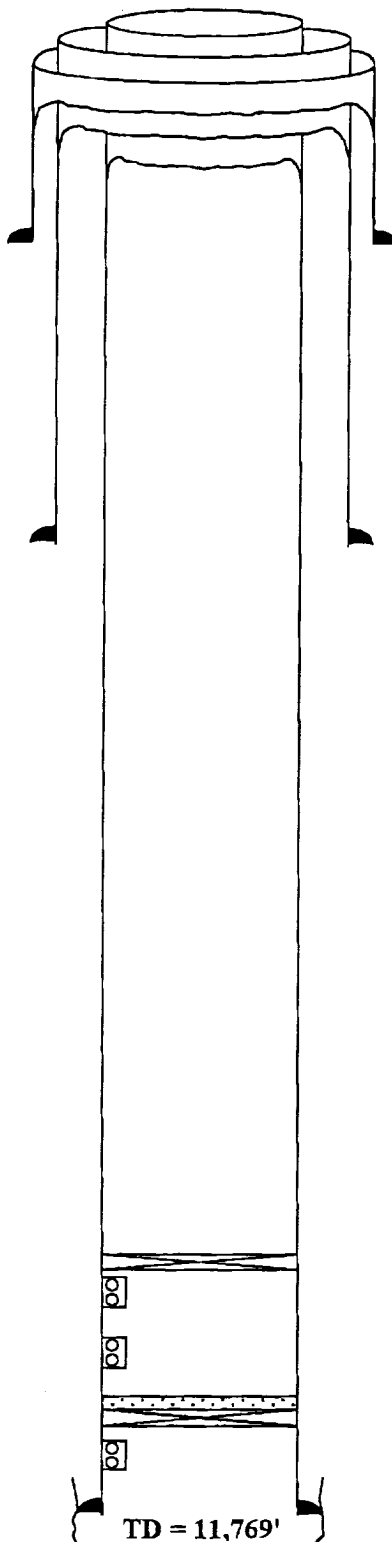
11415-20, 11432-62, 11467-505,  
11510-36, 11547-51, 1 spf (9/87)

### Atoka Perfs:

11677-11700', 4 spf (8/87)

CIBP @ 11380'

CIBP @ 11650' w/ 35' cmt



# GRUY PETROLEUM MANAGEMENT CO.

SHIPP FIELD  
SPUDED 7/18/87

Byers #1

API 30-025-29980

## PROPOSED COMPLETION

Sherry Reid Carroll 6/21/02

KB: -  
CH: -  
GL: 3764.1'

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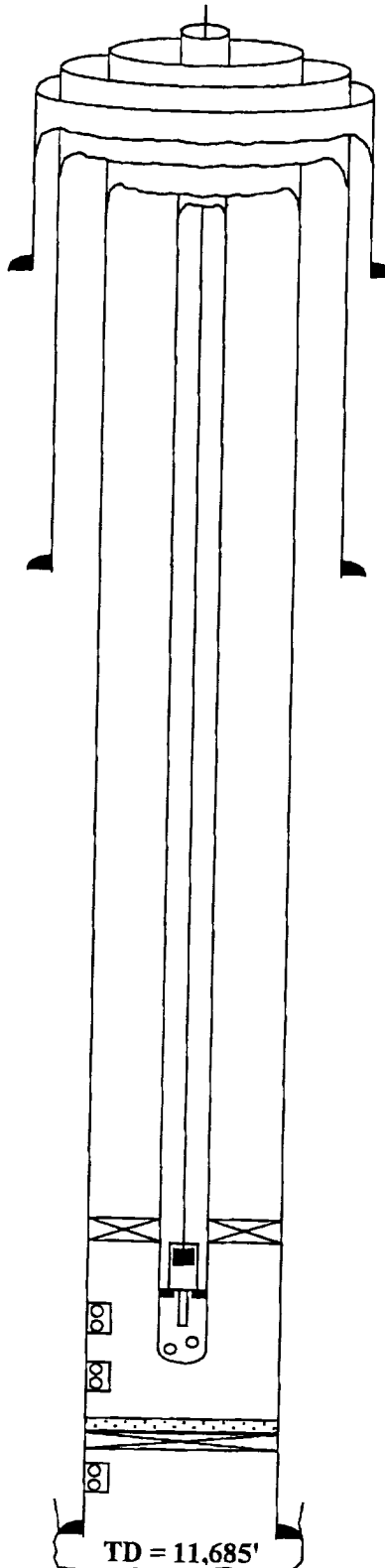
11677-11700', 4 spf (8/87)

Tubing String:  
2-7/8" N-80 tbg

Rod string:  
76 rod string  
1-1/4" pump

Pkr +/- 11350'

CIBP @ 11650' w/ 35' cmt



TD = 11,685'