

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-025-24493

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

56280

7. Lease Name or Unit Agreement Name

Eidson

8. Well Number

1

9. OGRID Number

211936

10. Pool name or Wildcat

No. Shoebar Devonian

SUNDRY NOTICES AND REPORTS ON WELLS

(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 ☒ Gas Well ☐ Other ☐

2. Name of Operator

Shenandoah Petroleum Corporation

3. Address of Operator

24 Smith Road, Suite 601, Midland, TX 79705

4. Well Location

Unit Letter F : 1980 feet from the North line and 1980 feet from the West line
Section 15 Township 16 S Range 35 E NMPM Lea County NM

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3991 G R

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. 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 COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. 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.

Estimated Plugging Date: 5/1/07 thru 10,887' WITHIN 100' OF TOP PERF

1. Plug #1: Set wireline CIBP @ ~~4000'~~ and dump bail 35' (5 sacks) cement on top
2. Shoot off 5 1/2" casing @ 4750' and pull it
3. Run tubing to 4800' and circulate gelled mud to surface
4. Plug #2: 75 sack cement plug from 4800' - 4200' WOC+TAG (CUT OFF + SHOE PLUG)
5. Plug #3: 30 sack cement plug from ~~4800'~~ - surface WOC+TAG (SHOE PLUG)
6. Install P & A marker and clean location.

SPOT 100' PLUG F/7887'-7787' (3000' MIN.)
105X OR 60' - SURF.

THE OIL CONSERVATION DIVISION MUST
BE NOTIFIED 24 HOURS PRIOR TO THE
BEGINNING OF PLUGGING OPERATIONS.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

TITLE Operations Manager

DATE 3/6/07

Type or print name
For State Use Only

TROY G. MARTIN JR

E-mail address: Troymj@ShenPetro.com

Telephone No. (432) 6851964

APPROVED BY:

Harry W. Wink

TITLE

OC FIELD REPRESENTATIVE / STAFF MANAGER

DATE

Conditions of Approval (if any)

MAR 27 2007

- 1) well bore should remain full at least 30 minutes after the surface plug is set and all tubing is pulled (if a drop occurs greater than 12 feet, fill hole to top)
- g) above and below artesian water zones
- h) isolate freshwater zones (50 feet cement inside casing and 50 feet outside casing)
- 5) **Special cases**
 - a) cases where wells have water flows or over pressured salt zones, isolation plugs will be tagged (order #R-5003)
 - b) top and bottom of salt formation if 50' above 50' below (within one mile of city limits)
 - c) *Water floods (top and bottom of unitized intervals)
 - 1) Top and bottom of salt section (50' above and 50' below)
 - d) In some cases a plug at the top of the Yates formation will suffice for a bottom salt plug
 - e) potash area (order #R-111-P)
 - f) NMOCD approves plugging of injection wells on federal lands
- 6) Please attach a down hole schematic with the C-103 plugging procedure
 - a) attached are sample schematics for use

Note: Cased holes — plugs every 3000' generally Open hole — plugs every 2000' generally



Revised Plugged Wellbore Schematic 3-22-07

10 sack Cement Plug
from 60' to Surface

30 sack Cement Plug
from 455' to 355'
WAIT ON CEMENT & TAG

TOC @ 2130' (CBL)

Cut off 5-1/2" Casing @ 4750'
Run Tubing to 4800'
Circulate Gelled Mud
Pump 75 sack Cement Plug
from 4800' to 4200'
WAIT ON CEMENT & TAG

Est TOC @ 5950'

SPOT 100' Cement Plug
from 7,787' - 7,887'

Est TOC @ 9100'

CIBP @ 10,887'
35' of Cement on Top
Top of Plug @ 10,852'

9/3/1986 CIBP @ 11,600' w/ 35' cement on top

8/30/1986 CIBP @ 12,330' w/ 35' cement on top

PBTD: 11,565'
TD: 12,660'

Surface Casing:

13-3/8" 54.5# J-55 STC @ 405'
Cemented w/ 400 sx "C" + 2% CaCl₂ to Surface

Intermediate Casing:

8-5/8" 36# & 40# J LTC @ 4750'
Cemented w/ 1400 sx 35:65:6 & 200 sx Neat Cement

Production Casing DV Tool:

Stage Tool @ 8749'
Cmt'd w/ 1000 sx 50:50:2 Cement

9/4/1986: Strawn Perfs: 10,987' - 11,043'
10,987' - 11,043' (22 Perfs - 2 JSPF)

9/2/1986: Mississippian Perfs: 11,647' - 11,762'
11,653' - 11,762' (44 Perfs - 2 JSPF)

9/25/1975: Devonian Perfs: 12,499' - 12,523'
12,499' - 12,523' (15 Perfs - 1 JSPF)

8/15/1986: Add Devonian Perfs: 12,359' - 12,454'
12,359' - 12,454' (29 Perfs - 1 JSPF)

9/16/1975: Production Casing:

5-1/2" 17# & 20# N-80 Casing @ 12,660'
Cmt'd w/ 1,000 sx 50:50:2 Cement

