

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Congo Inc. (915) 686-6540

3. Address and Telephone No.

10 Dosta Drive West Midland, TX 79705

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

Unit G - 2310' F02 + 2310' F02
Sec. 21, T17S, R32E

5. Lease Designation and Serial No.

LC-029509A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Barish A No. 4

9. API Well No.

30-025-00613

10. Field and Pool, or Exploratory Area

Barish Yates

11. County or Parish, State

Lea County, N. Mex.

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.)*

We propose to plug and abandon the Barish A No. 4 according to the attached procedure.

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CABLE AREA
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ERS

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

Signed

Josh Craig

Title

Administrative Supervisor

Date

10-4-90

(This space for Federal or State office use)

Approved by

Title

Date

10-15-90

Conditions of approval, if any:

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.

*See Instruction on Reverse Side

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HOBBS OFFICE

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and, if approved or accepted by any State, on all lands in such State. Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State. Pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

SPECIFIC INSTRUCTIONS

Item 4—If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 13—Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE — The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES:

- (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations.
- (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2).
- (3) Analyze future applications to drill or modify operations in light of data obtained and methods used.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION — Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0135), Washington, D.C. 20503.



Interoffice Communication

To: D. B. Dumas, J. J. Wasson
From: J. D. Vashler
Date: August 29, 1990
Subject: **Plug And Abandon Baish A No. 4**

Funds of \$15,100 are requested to permanently plug and abandon Baish A No. 4.

This well was drilled and completed as a Yates oil producer in 1948. It produced until 1953 when it was then converted to injection. It remained under injection intermittently until 1965. The well was then returned to production from 1965 to 1970, and 1976 to 1985 when it was shut-in as depleted. It was then temporarily abandoned with a cement retainer in 1986. The Yates zone produced a total of 36 MBO, 20 MBW, and 28 MMCF. Presently there is no remedial potential for the Yates nor is there any uphole recompletion potential. The wellbore is not needed for injection purposes nor can it be used in the MCA Unit.

Therefore, it is recommended to permanently plug and abandon Baish A No. 4.

A handwritten signature in cursive script, appearing to read "Jay Vashler".

Jay D. Vashler
Production Engineer

tk\BAISHA#4.JUS

BAISH A NO. 4
PLUG AND ABANDON

Summary: The following procedure is recommended to permanently plug and abandon Baish A No. 4.

1. Pump through cement retainer @ 2205' with 45 sacks of cement to fill open hole.
2. Sting out of cement retainer and spot 25 sack cement plug on top of retainer.
3. Spot 25 sack cement plug across top of salt.
4. Perforate @ 350' and circulate 155 sacks of cement to set surface plug.

Location: 2310' FNL & 2310' FEL, Unit G, Sec. 21, T17S, R32E
Lea County, New Mexico

Elevation: 4054' DF

Completion: Baish Yates

TD: 2510' PBD: 2375' Open Hole: 2302'-2375'

Shot open hole at 2355'-75' w/40 qts & 2360'-65' w/10 qts Nitro

7" Elder cement retainer set @ 2205'.

Casing/Tubing Specifications:

| O.D. (in) | Weight (lbs/ft) | Grade | Depth (ft) | Drift (in) | Collapse (psi) | Burst (psi) | Capacity (bbl/ft) | Capacity (ft ³ /ft) |
|--------------|--------------------|-------|---------------|---------------|-------------------|----------------|----------------------|-----------------------------------|
| 10-3/4" | 40.5 | H-40 | 69 | 9.894 | 1,420 | 2,280 | .0981 | .5508 |
| 7" | 20.0 | J-55 | 607 | 6.331 | 2,270 | 3,740 | .0404 | .2273 |
| 7" | 20.0 | H-40 | 2302 | 6.331 | 1,980 | 2,720 | .0404 | .2273 |
| 2-7/8" | 6.5 | N-80 | | 2.347 | 11,160 | 10,570 | .00579 | .03250 |

10-3/4" casing set @ 69' with 50 sacks cement circulated to surface.

7" casing set @ 2302' with 175 sacks cement. TOC @ 970' by temperature survey.

Use safety factor of 70% for collapse and burst pressures.

Assume 2-7/8" workstring will be used.

- Notes:
1. All cement slurry used in this procedure shall be Class "C" w/2% CaCl₂ mixed @ 14.8 ppg.
 2. All mud shall be 9.5 ppg with 25 lbs gel/bbl brine.
 3. Notify BLM prior to commencing any work.

Safety:

This procedure includes cementing and perforating. A pre-job safety meeting involving all personnel on location should be held before any work commences. Conoco policies and the service company's safety procedures should be reviewed. Arrange for a pre-determined assembly area in case of an emergency. No unauthorized personnel are allowed on location.

The following checklist is recommended during cementing operations:

1. All pump and storage trucks should rig up outside dead man anchors and guy wires if possible.
2. All connections on the wellhead must have a pressure rating higher than the maximum pump pressure.
3. Data recording equipment should be located as far as practical from the discharge line.
4. Anchor all lines and pressure test as needed.
5. A service company and/or company employee must be designated to operate valves at the wellhead in case of an emergency.
6. All service and company personnel must keep a safe distance from pressured-up lines. No one should be in the derrick or on the rig floor while pumping cement.

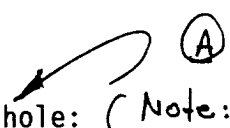

The following checklist is recommended during perforating operations:

1. The perforating truck should rig up outside dead man anchors and guy wires and be positioned upwind of the wellhead if possible.
2. The perforating company must place warning signs at least 500' away from the operation on all incoming roads.
3. Welding, on location, is not permitted during the perforating operation.
4. Perforating must be suspended during electrical or thunderstorms and sandstorms.
5. Turn off all radios that are within 500' of the operation. They should not be used while rigging up and loading perforating guns or until the gun is at least 500' in the hole. The same process should be repeated when pulling out of the hole.
6. The perforating truck must be grounded to the rig and wellhead before installing the blasting cap(s).
7. Insure that the key to the perforating panel is removed from the panel and the generator on the truck is turned off while arming the gun.
8. No one is allowed in the derrick or on the rig floor while perforating.
9. Upon completion of the operation, the work area shall be thoroughly inspected and all scraps and explosive materials shall be properly removed from the location by the service company performing the operation.

Recommended Procedure:

1. Prepare well for P&A:

- A. MIRU. Bleed well pressure down.
- B. ND wellhead and NU BOP.

2. Pump through cement retainer and abandon open hole: (Note: Cement Retainer may not function properly - may have to remove and install new retainer) 
- A. MIRU cement services.
- B. GIH w/2-7/8" workstring and on-off tool. Sting into cement retainer and establish pump-in rate. 
- C. Pump 45 sacks cement (15 sacks excess) through retainer. Maximum pressure is 1000 psi.
- D. Sting out of cement retainer. Spot 25 sacks cement from 2205'-2060' and displace with 12 bbls mud.
- E. PU to 2055' and circulate hole with 75 bbls mud.
- F. POOH laying down WS to 1060'.

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drill out Retainer & Reset
new Retainer to get cement
across completion interval.

Note: If rate can not be established through ~~retainer~~, spot 25 sacks cement on top
as above.

3. Spot cement plug across top of salt:

- A. Load hole with 2 bbls mud.
- B. Spot 25 sacks cement from 1060'-915' and displace with 5 bbls mud.
- C. POOH laying down WS. TAG TOP OF PLUG.

4. Circulate cement up surface casing and set surface plug:

- A. MIRU wireline services.
- B. RIH with a 4" casing gun loaded 4 JSPF (120° phase, .4" EHD, centralized) and CCL.
- C. Perforate 7" production casing @ 350'. POOH.
- D. GIH w/1 joint 2-7/8" tubing. Close BOP. Pump 20 bbls mud to load hole and establish circulation up 10-3/4" x 7" annulus.
- E. Pump 155 sacks of cement (20 sacks excess) to fill up 10-3/4" x 7" annulus and set surface plug in 7" casing.

Note: If cement does not circulate to surface, pump 25 sx down 10-3/4" x 7" annulus.

- F. POOH with tubing.
- G. RD wireline and cement services.

5. Prepare surface location for abandonment:

- A. ND BOP and cut off all casing strings at the base of the cellar or 3' below the final restored ground level (whichever is deeper). RDMO pulling unit.
- B. Fill the casing strings (if necessary) from the cement plug to surface with cement.
- C. Cover the wellbore with a metal plate at least 1/4" thick, welded in place, or a cement cap extending radially at least 12" beyond the 10-3/4" casing and at least 4" thick.
- D. Erect an abandonment marker according to the following specifications:
 - 1. Marker must be at least 4" diameter pipe, 10' long with 4' above restored ground level, and embedded in cement.
 - 2. Marker must be capped and inscribed with the following well information.

Baish A No. 4
Unit G, Sec. 21, T-17S, R-32E
Lea County, NM
Date

Note: 1/4" metal plate can be welded to marker and then to the casing after the marker is set in cement.


- E. Cut off dead-man anchors below ground level and remove markers. Fill in cellar and workover pit.
- F. Remove all equipment, concrete bases, and pipe not in use.

- G. Clean and restore location to its natural state. Reseed according to BLM requirements.
6. Send a copy of the well service report and final P&A schematic to the Midland Office so the proper forms can be filed.

Approved:

Tom C. Adnoddell 8-27-90
Engineering Technician Date

Jay Vashler 8-28-90
Production Engineer Date


 Supervising Production Engineer

Date 9/7/90

Joe L. Conder 9/26/90
Division Engineering Manager Date

Sam Katten 9/27/90
Production Superintendent Date

Frank M. Meyer 02 OCT '90
Division Operations Manager Date

Division Manager _____ Date _____