

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

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

Form C-103
May 27, 2004

WELL API NO.
30-045-21132

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
B-11124-29

7. Lease Name or Unit Agreement Name

Atlantic D Com N LS

8. Well Number 15

9. OGRID Number
778

10. Pool name or Wildcat
Blanco Pictured Cliffs

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

3. Address of Operator

4. Well Location

Unit Letter C : 880 feet from the North line and 1725 feet from the West line
Section 2 Township 30N Range 10W NMPM County San Juan

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

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.

RCVD MAY 9 '08
OIL CONS. DIV.

COMPLIANCE WELL

This well was drilled and completed as a slim hole in 1973. Production fell off early in 1996 and attempts to restore production since then have not been successful.

BP America respectfully requests permission to P&A the entire above mentioned well. Please see the attached plugging procedure.

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 NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Cherry Hlava TITLE Regulatory Analyst DATE 5-7-2008

Type or print name Cherry Hlava E-mail address: hlavacl@bp.com Telephone No. 281-366-4081
For State Use Only

APPROVED BY: H. Vitlanueva TITLE Deputy Oil & Gas Inspector, DATE MAY 09 2008
Conditions of Approval (if any): District #3

SJ Basin Plug & Abandonment Procedure

Well Name: Atlantic D Com N LS 15 -PC API 30-045-21132

Date: May 2, 2008

Repair Type: P&A

Location Section 2 30N & 10W 880' FNL & 1725' FWL

Objective: P&A entire wellbore.

1. Pump lower cement plug to TOC.
 2. Perforate casing 100' above CBL documented TOC
 3. Set cement retainer and squeeze cement behind 2-7/8" casing to surface
 4. Fill tubular space with cement above retainer to surface
 5. Cut off wellhead and install dry hole marker.
-

Procedure: Notify BLM and NMOCD 24 hours prior to beginning P&A operations.

1. Perform pre-rig site inspection. Check for: size of location, Gas Taps, other wells, other operators, running equipment, wetlands, wash (dikes req.), H2S, barriers needed for equipment, Landowner issues, location of pits (buried lines in pits), Raptor nesting, critical location, check anchors. Check ID wellhead; if earth pit is required have One Call made 48 hours prior to digging.
2. Perform second site visit after lines are marked to ensure all lines clear marked pit locations. Planning and scheduling to ready location for rig.
3. Prior to rig up a full history should be obtained for the coil tubing unit. This should include the remaining coil tubing fatigue life, the position of all welds, and the fluid exposure history, all items should be documented for the reel.
4. Hold pre-job safety meeting and discuss all JSA's with all BP and third party personnel. The Pre-job safety meeting should cover: heavy lifts, pinch points, location hazards, pressure hazards, and proper PPE.
5. Check and record casing and bradenhead pressures (Tubingless completion). Ensure production casing has double casing valves installed. Double valve all casing strings.
6. LOTO all necessary equipment including but not limited to: meter run, automation, separator, cathodic protections, and water lines.
7. RU slickline unit prior to moving coil rig on location. Pressure test slickline lubricator and BOP's to 500psig. Tag PBTD for future reference.
8. Set CIBP @ 3060' with WL. Roll hole with fluid and pressure test casing. If no fluid or pressure loss is apparent run CBL from 3060' to surface. Expect top of cement @ 1550' behind 2-7/8" casing. RD WL.

9. Move in and RU CTU. If threaded tree flanges perform proper risk assessment for threaded connections. Use dual choke manifold or production choke for flow back. Fully function and pressure test BOP's to 250-psi low-pressure test, 500-psi high-pressure test – expected maximum BHP to be ~350psig. If Shear Rams are not used in BOP stack, refer to local standard operating practice. Lubricator should be of adequate length to cover BHA. Dual flapper check valves should be run above BHA. If dual flapper check valves are not used a detailed and current assessment of risks, mitigations and contingency responses should be refer to, or a local standard operating practice.
10. RIH with 1-1/4" coil tubing to 3010' and mix correct batch of G-Class cement using the CBL report results and the volume gradients in next STEP (11) to spot plugs inside 2-7/8" casing.
11. The CBL report will tell where we need to perforate and squeeze cement behind 2-7/8" casing – expect TOC @ 1550'. We will spot cement plug from 3060' (top of CIBP) to 100' below TOC documented in CBL report. Calculate cement volume to mix and pump using the following unit gradients – 0.0325cu. ft./ ft or 0.00579bbl/ft. Example: TOC @ 1550' pump cement volume to fill 1410' (**45.83 cu. ft**) (3060' CIBP - 1550' TOC- 100' depth control safety factor). Do not over mix or pump cement batch above required volumetric amount.
12. Circulate water thru coil tubing to rig pit or flow back tank to clean out coil tubing before POOH.
13. POOH with coil.
14. RU WL and tag TOC inside 2-7/8" – document in DIMS report. RIH with perforating gun and shot holes 50' above document TOC from CBL report. RD WL.
15. RIH with 1-1/4" coil tubing with a 2-7/8" cement retainer and set retainer 50' above perforated interval. Establish water circulation with surface, if possible, and circulate cement to surface. If circulation not possible squeeze interval with **69.02 cu. ft.** to fill 200' of annular space behind 2-7/8" casing + 100' of tubular space below the retainer.
16. If cement circulation to surface behind 2-7/8" casing was completed in previous step spot G-Class cement on top of retainer to surface and skip next step (17).
17. If cement circulation to surface was not possible in step (15) complete squeeze then sting out of cement retainer spot cement on top of retainer to 250' – mix cement using tubular volume gradient of 0.0325cu ft/ ft. Repeat steps 12, 13, 14 (perforate @ 200'), and step 15 except RIH w/ packer to 150' and cover the 8-5/8" casing shoe to surface behind 2-7/8" casing. Then spot cement to surface inside 2-7/8" casing above perforations. Wash cement out of coil tubing to rig pit or flow back tank and POOH.
18. Perform underground disturbance and hot work permits. Cut off tree. **If cement cannot be seen on all annulus and casing strings remedial cementing will be required from surface.**
19. Install well marker and identification plate per NMOCD requirements.

20. RD and release all equipment. Remove all LOTO equipment.

21. Ensure all reports are loaded into DIMS. Print out summary of work and place in Well file.
Notify Sherri Bradshaw (326-9260) of completed P&A and Cherry Hlava.

Atlantic D Com N LS 15 - PC

Sec 2, T30N, R10W

API # 30-045-21132

GL 6413'

History

Completed 6-4-73

8-5/8", 24# KE @ 142'

129 cu ft sxs cmt
circulated cement to surface

TOC @ 1550' (TS 1973)

PC Perforations

3114-3124'

3136-3156'

30 shots per zone, 30,000# 10/20

2-7/8", 6.5# JS @ 3268'

456 cu ft sxs cmt

PBTD: 3257'

TD: 3268'

Formation tops:

PC

3114'

updated 5/2/08 AF

NOTES

1) Mastervale is 2 5" fitting above pipint

Proposed P&A diagram:

Atlantic D Com N LS 15 - PC

Sec 2, T30N, R10W

API # 30-045-21132

GL 6413'

History
Completed 6-4-73

8-5/8", 24# KE @ 142'
129 cu ft sxs cmt
circulated cement to surface

Retainer @ 1450'

Perforate @ 1500'

TOC @ 1550' (TS 1973)

CIBP @ 3060'

PC Perforations

3114-3124'

3136-3156'

30 shots per zone, 30,000# 10/20

2-7/8", 6.5# JS @ 3268'
456 cu ft sxs cmt

PBTD: 3257'

TD: 3268'

Formation tops:

Ojo alamo 1725'

Kirtland 1868'

FT 2666'

PC 3114'

updated 5/2/08 AF

NOTES

1) Mastervale is 2 5" fitting above pipint