

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

850' FSL, 1460' FEL, Sec. 10, T-30-N, R-10-W, NMPM 0

5. Lease Number

NM-03202

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Sunray A #5

9. API Well No.

30-045-20894

10. Field and Pool

Blanco PC

11. County and State

San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

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

13. Describe Proposed or Completed Operations

It is intended to repair the slimhole casing in the subject well according to the attached procedure and wellbore diagram.

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

Signed

[Signature]

Title Regulatory Administrator Date 11/8/99

trc

(This space for Federal or State Office use)

APPROVED BY

[Signature]

Title

Date

CONDITION OF APPROVAL, if any:

NMOCD

Sunray A #5
Pictured Cliffs
850' FSL, 1460' FEL
Unit O, Section 10, T-30-N, R-10-W
Latitude / Longitude: 36° 49.28' / 107° 52.02'
DPNO: 4431001
Slimhole Casing Repair Procedure

1. Hold safety meeting. Comply with all NMOC, BLM and Burlington safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig. Notify BROG Regulatory (Peggy Bradfield 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document approval in DIMS/WIMS. Allow as much time as possible prior to pump time in case the Agency decides to witness the cement job.
2. MOL and RU workover rig. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCL water if necessary. ND WH and NU BOP with stripping head. Test and record operation of EOP rams. Have wellhead and valves serviced as necessary. Test secondary seal and replace/install as necessary.
3. 1-1/4" IJ tubing is landed @ 3506'. Release donut, pick up additional joints of tubing and tag bottom. (Record depth.) PBTB should be @ 3594'. TOOH with tubing. Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale build up and notify Operations Engineer.
4. TIH with 2-7/8" RBP on 1-1/4" tubing. Set RBP above top perf (3484'). Spot 10' of sand on top of BP. TOOH.
5. PU 1 jt. 2-7/8" tubing and screw into casing. MIRU wireline specialties. Freepoint 2-7/8" casing.
6. PU 2-7/8" packer. TIH with 2-7/8" packer on 1-1/4" tubing. Set packer above bridge plug and test to 3700 psi. Release packer, TOOH, and set packer at lowest 100% freepoint in casing. Pressure test casing to 3700 psi below and above packer. If casing leak is below packer, contact Operations Engineer for squeeze procedure. If leak is above packer, continue with step 7. Release packer and TOOH.
7. RIH with stringshot. Back off casing at lowest joint 100% free. RDMO wireline specialties.
8. Circulate hole clean. TOOH and lay down old 2-7/8" casing.
9. PU and TIH with new 2-7/8" casing. Screw in to existing casing.
10. Pressure test casing to 3700 psi for 15 minutes. (If casing can not be screwed into or pressure tested to 3700 psi on first attempt, contact Drilling Superintendent and Operations Engineer to discuss procedure to run a Bowen casing patch.)
11. TIH with 1-1/4" tubing. Clean out to top of RBP. Latch on to 2-7/8" RBP and TOOH. Lay down RBP. TIH and CO to PBTB (3594'). Land 1-1/4" IJ tubing @ 3535'.
12. RDMO and return well to production.

Recommended:

M.E. Lutey
Operations Engineer

Approved:

Bruce W. Boyer 10-18-99
• Drilling Superintendent

Operations Engineer: Mary Ellen Lutey
Office - (599-4052)
Home - (325-9387)
Pager - (324-2671)

MEL/klg

Sunray A #5

Current

DPNO 4431001

Blanco Pictured Cliffs

SE, Section 10, T-30-N, R-10-W, San Juan County, NM

Long: 107 deg. 52.02' / Lat: 36 deg. 49.28'

Today's Date: 5/26/99 (Revised per BLM)

Spud: 4/30/72

Completed: 7/3/72

Elevation: 6844' GL

12-1/4" hole

8-5/8" 24#, J-55 Casing set @ 140'
Cmt with 167 cf (190 sxs) Circulate to Surface

WORKOVER HISTORY

May '73: Ran 1-1/4" IJ tubing.

Nov '98: Restimulation attempt: Kill well; tag bottom at 3540'; pull tubing; set RBP at 3436'; attempt PT to 1000#, bleed down to 0# in 30 sec; attempt to re-set RBP at 3336'; casing "ratty"; attempt again at 3367', casing bad; set RBP at 3436' again, attempt PT, same leak; recover RBP; clean out with air/mist from 3540' to 3549', kept losing circulation; land tubing at 3506'.

Nacimiento @ 630'

Ojo Alamo @ 2142'

1-1/4" Tubing Set at 3506'
(106 jts, 2.3#, IJ w/SN)

Kirtland @ 2298'

TOC @ 2300' (T.S.)

Fruitland @ 3120'

Pictured Cliffs @ 3480'

Pictured Cliffs Perforations:
3484' - 3540' (72 holes)

PBTD 3594'

6-3/4" hole

2-7/8" 6.4#, J-55 Casing set @ 3605'
Cemented with 220 sxs (1002 cf)

TD 3605'