

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

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 Pictured Cliffs

11. County and State
San Juan Co, NM

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

Type of Submission

Type of Action

<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input checked="" type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

It is intended to repair the 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 8/25/99
trc

(This space for Federal or State Office Use)

APPROVED BY [Signature] Title [Signature] Date 8/25/99

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RMCCD

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 NMOCD, 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 BOP rams. Have wellhead and valves serviced as necessary. Test secondary seal and replace/install as necessary.
3. PU and TIH with a 2-7/8" RBP and 1-1/4" tubing. Set RBP above top perf (3484'). Release from BP. Spot 10' of sand on BP. TOOH.
4. PU 1 jt. 2-7/8" tubing and screw-into casing. MIRU wireline specialties. Freepoint 2-7/8" casing.
5. 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 5. Release packer and TOOH.
6. RIH with stringshot. Back off casing at lowest joint 100% free. RDMO wireline specialties.
7. Circulate hole clean. TOOH and lay down old 2-7/8" casing.
8. PU and TIH with new 2-7/8" casing. Screw in to existing casing.
9. 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.)
10. 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. CO to PBTD (3594'). Land 1-1/4" IJ tubing @ 3535'.
11. RDMO and return well to production.

Recommended: MEL Lutey
Operations Engineer

Approved: _____
Drilling Superintendent

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

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'