

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

1510' FSL, 1710' FEL, Sec.3, T-27-N, R-5-W, NMPM

J

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

Type of Submission

Type of Action

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☒ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☐ 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.

RECEIVED
JUL 26 1999

OIL CON. DIV.
DIST. 3

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

Signed *W. Duane W. Spencer* Title Regulatory Administrator Date 7/20/99
trc

(This space for Federal or State Office use)

APPROVED BY *W. Duane W. Spencer* Title Team Lead, Petroleum Management Date JUL 22 1999

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.

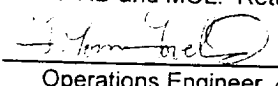
NMOCD

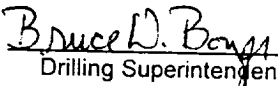
San Juan 27-5 Unit #109E
Basin Dakota
Unit J, Sec. 3, T-27-N, R-5-W
Latitude / Longitude: 36° 35.96652' / 107° 20.50692'
Recommended Casing Repair Procedure 5/27/99

Project Justification: The San Juan 27-5 Unit #109E was completed in 1985 in the Dakota formation. Production abruptly ceased in 1990 for unknown reasons. In 1996, the tubing was repaired and scale was drilled out from across the perforations, but acid was not used to clean the perforations, and the casing was not pressure tested. The lease operator reported 2,000 psig on the casing, with no pressure on the intermediate or bradenhead on 5/26/99. This well is now a demand well, and must either be restored to production or plugged and abandoned.

NOTE: ALL DEPTHS ARE MEASURED FROM KB. KB to GL was 12'.

1. Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Prior to moving in rig, make one-call and then verify rig anchors and dig pit.
2. MIRU workover rig. NU relief line and blow well down (kill with 2% KCL water only if necessary). ND WH and NU BOP. Test and record operation of BOP rams. Replace any WH valves that do not operate properly. Test secondary seal and install or replace if necessary.
3. Dakota, 2-3/8", 4.7#, J-55 tubing set at 7990' (249 jts). Broach tubing and set tubing plug in nipple at 7959'. Fill tubing with half of its volume of 2% KCL to insure the tubing plug will be held in place. Release donut, pick up additional joints of tubing and tag bottom, recording the depth. PBTB should be at 8030'. TOOH and stand back 2-3/8" tubing. Visually inspect tubing for corrosion, and replace any bad joints. Check tubing for scale and notify Operations Engineer and Drilling Superintendent if it is present.
4. PU 3-7/8" bit, bit sub, and watermelon mill on 2-3/8" tubing and clean out to PBTB with air/mist. **NOTE: When using air/mist, mist rate must not be less than 12 bph.** Spot 250 gals 15% HCl across the perforations from PBTB. PU tubing out of acid. Allow time for acid to spend before circulating the wellbore clean. TOOH and LD bit, bit sub, & watermelon mill.
5. PU & TIH w/ 4-1/2" CIBP and 4-1/2" retrievable packer on 2-3/8" tubing. Set CIBP at 7757' (50' above top perf). Pressure test CIBP and casing to 2000 psig. If casing holds pressure, go to Step 6 to DO CIBP & clean out to PBTB. If the casing does not hold pressure, isolate casing leak with 4-1/2" packer and contact Operations Engineer for squeeze procedure.
6. TIH w/ 3-7/8" bit on 2-3/8" tubing to DO cement & pressure test. Re-squeeze as necessary. DO CIBP and clean out to PBTB with air/mist. TOOH & LD bit.
7. TIH with one 4' pup joint of 2-3/8" tubing with expendable check, F-nipple (above pup joint), then 1/2 of the 2-3/8" production tubing. Run a broach on sandline to ensure that the tubing is clear. TIH with remaining 2-3/8" tubing. Replace any bad joints. CO to PBTB with air/mist.
8. PU above the top Dakota perforation at 7807' and flow the well naturally, making short trips for clean-up when necessary. Discuss sand production with Operations Engineer and Drilling Superintendent to determine when clean-up is sufficient.
9. Land tubing at 7990'. Obtain pitot gauge from casing and report this gauge. Broach the upper 1/2 of the production tubing. ND BOP and NU WH. Pump off expendable check. Connect to casing and circulate air to assure that expendable check has pumped off. If well will not flow on its own, make swab run to SN. RD and MOL. Return well to production.

Recommended: 
Operations Engineer 6/14/99

Approved:  7-16-99
Drilling Superintendent

Operations Engineer: L. Tom Loveland

Office 326-9771
Pager 324-2568
Home 564-4418

SAN JUAN 27-5 UNIT #109E

Current -- 5/27/99

DPNO:5370901

Basin Dakota

Latitude/Longitude: 36 - 35.96652/107 - 20.50692'

1510' FSL, 1710' FEL

Sec. 3, T27N, R5W, Rio Arriba County, NM

Spud: 11/7/84
1st. Delivered :5/21/85
Workover: 10/89, 3/91 -Swabbed well;
4/96 - CO fill w/bailer. Drill to 8030' & circ.
clean.

Elevation: 6777' (GR)

12-1/4" Hole

9-5/8", 40# N-80 and 36# K-55 csg. Set @
221' w/ 110 sx cmt. Circ. to surface

Ojo Alamo @ 2970'

Kirtland @ 3180'

Fruitland @ 3430'

Pictured Cliffs @ 3630'

Lewis @ 3715'

TOC@2800' (TS)

TOC @ 3600' (TS)

8 3/4" HOLE

Chacra @ 4575'

7", 20#, K-55 csg. set @ 3906' w/ 200 sx cmt.

Mesaverde @ 5299'

Menefee @ 5448'

Point Lookout @ 5784'

Gallup @ 6730'

249 jts, 2-3/8", 4.7#, J-55 tbgs set @ 7990'. SN @ 7959'.

Greenhorn @ 7710'

Graneros @ 7770'

Dakota @ 7913'

Dakota perms @ 7807'-8015'

6-1/4" HOLE

4-1/2", 11.6#, N-80 csg set @ 8077' w/ 230 sx cmt
(1st stage) & 210 sx cmt (second stage).

PBTD @ 8030'
TD @ 8077'