

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

1650' FNL, 1650' FEL, Sec. 31, T-31-N, R-8-W, NMPM

5. Lease Number  
SF-078387

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Howell D #3

9. API Well No.  
30-045-10147

10. Field and Pool  
Blanco Mesaverde

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 - Pump Installation  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut off  
☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to install a pump in the subject well according to the attached procedure.

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

Signed *Danny Cole* Title Regulatory Administrator Date 10/28/99  
trc

(This space for Federal or State Office use)

APPROVED BY */s/ Joe Howitt* Title \_\_\_\_\_ Date NOV 12 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

Howell D #3  
Mesaverde DPNO: 4795101  
1650' FNL, 1650' FEL  
Unit G, Section 31, T-31-N, R-8-W  
Latitude / Longitude: 36° 51.4361' / 107° 42.75144'  
Rod Pump Installation Procedure


**Summary/Recommendation:**

The Howell D #3 was drilled and completed in the Mesaverde formation in 3<sup>rd</sup> Quarter of 1951. Currently, the well is logged off and attempts to swab the well in were unsuccessful. A pumping unit will be installed, increasing production to 200 MCF/D.

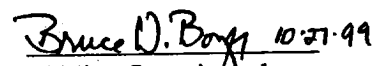
**Pump Installation Procedure:**

1. Install used C-160 pumping unit.
2. Hold safety meeting. 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.
3. 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.
4. Mesaverde, 2-3/8", 4.7# J-55 tubing is set at 5791'. Release donut; pick up additional joints of tubing and tag bottom. (Record depth). TOOH with tubing. PBTD should be at  $\pm 5863'$ . Visually inspect tubing for corrosion and replace any bad joints. Remove any unnecessary equipment (i.e. Tbg stop, bumper spring, etc.). Check tubing for scale build up and notify Operations Engineer.
5. PU and TIH with 3-7/8" bit, bit sub and watermelon mill on 2-3/8" tubing and round trip to below perforations, cleaning out with air/mist. NOTE: When using air/mist, minimum mist rate is 12 bph. If scale is present, contact Operations Engineer to determine methodology for removing scale from casing and perforations.
6. Rabbit all tubing prior to TIH. TIH with a bull plug on the bottom of one joint of 2-3/8" 4.7# tubing, 4' perforated sub, in-line check, 1.78" seating nipple, and then remaining 2-3/8" tubing. Replace any bad joints.
7. Land tubing at  $\pm 5791'$ . NOTE: If excessive fill is encountered, discuss this landing depth with Operations Engineer. Pump off check valve. ND BOP and NU WH.
8. If fill was encountered, contact Operations Engineer to discuss possibility of running a sand screen on the pump. PU and TIH with 2" x 1.25" x 10' x 14' RHAC-Z insert pump, from Energy Pump & Supply, 3/4" Grade D rods with spray-metal couplings to  $\pm 3500'$ , and molded paraffin scrapers to surface. Test pump action and hang rods on pumping unit. RD and MOL. Return well to production.

Recommended:

  
Operations Engineer

Approved:

 10-27-99  
Drilling Superintendent

Operations Engineer:

Mike Haddenham  
Office - (326-9577)  
Home - (326-3102) Pager (327-8427)

Pump and Rods:

Energy Pump & Supply  
Leo Noyes  
Office - (564-2874)