

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

API # (assigned by OCD)

30-045-25041

5. Lease Number

6. State Oil&Gas Lease #

B-11133-28

7. Lease Name/Unit Name

San Juan 32-9 Unit

Well No.

25A

9. Pool Name or Wildcat

Blanco Mesaverde

100 Elevation:

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

1090'FSL 910'FEL, Sec.2, T-31-N, R-10-W, NMPM, San Juan County

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

SIGNATURE  (LTS) Regulatory Administrator February 10, 1999

TLW

(This space for State Use)

ORIGINAL SIGNED BY CHARLES E. GORMAN

DEPUTY OIL & GAS INSPECTOR, DIST. #3

FEB 12 1999

Approved by _____ Title _____ Date _____

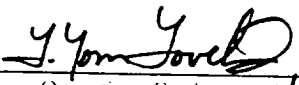
San Juan 32-9 Unit #25A
Blanco Mesaverde
1090' FSL, 910' FEL
Unit P, Section 2, T-31-N, R-10-W
Latitude / Longitude: 36°55.3509' / 107°50.7495'
AIN: 7000801

Recommended Rod Pump Installation Procedure 1/21/99

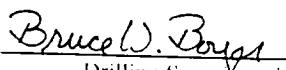
Project Justification: The SJ 32-9 Unit #25A was completed in 1981 in the Mesaverde formation. Nine swabbing jobs during 1990 convinced Production Operations to install a rod pump in the well. At that time, the well was producing approximately 30 BOPD and had problems with excessive paraffin deposition in the tubing. After several pump repairs (which are thought to have been caused by sand production, continuing to stroke the pump after the liquid level had been pumped off, and paraffin deposition on the rod string), the pumping unit was removed in March 1996. Until recently, the well was producing relatively problem-free due to a compressor/plunger lift combination. The lease operator reports that the approximate 10 BLPD in conjunction with increased paraffin production due to lower surface pressures has caused the plunger lift to become ineffective. Originally, paraffin scrapers were run on the rods to a depth of 1925' (the top of the Ojo Alamo is estimated at 1787'), but when the pump was removed in March 1996, heavy paraffin was discovered from 2000-3000'. It is proposed to install a rod pump with a sand screen, and paraffin scrapers on the sucker rods to a depth of 4000'. This will be justified by increased gas production up the tubing/casing annulus and the well becoming less time consuming for the lease operator.

1. Install used C-160 pumping unit.
2. Hold safety meeting. Comply with all NMOC, 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. **NOTE: This well produces with a plunger lift system.** Mesaverde, 2-3/8", 4.7# J-55 tubing is set at 5820'. Broach tubing and set tubing plug in tubing at 5766'. 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. (Record depth). TOOH with tubing. PBTD should be at ±5890'. Visually inspect tubing for corrosion and replace any bad joints. Remove any unnecessary equipment (i.e. tubing stop, bumper spring, etc.). Check tubing for scale build-up and notify Operations Engineer.
5. PU and THH 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 THH. THH with 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 ±5870. **NOTE: If excessive fill is encountered, discuss this landing depth with Operations Engineer.** Pump off check valve. ND BOP and NU WH.
8. PU and THH with 1" x 8' sand screen, 2" x 1.25" x 10' x 14' RHAC-Z insert pump, from Energy Pump & Supply, 1 1/4" sinker bar (5/8" pin with 3/4" crossover), 3/4" Grade D rods with spray-metal couplings to 4000', 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 1/21/99

Approved:

 1-26-99
Drilling Superintendent

Operations Engineer:

L. Tom Loveland
Office - (326-9771)
Home - (564-4418)
Pager - (324-2568)

Pump and Rods:

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

