

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

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) 326-9000

4. Location of Well, Footage, Sec., T, R, M
1150' FNL 1055' FWL, Sec. 2, T-31-N, R-10-W, NMPM, San Juan County

5. Lease Number
30-045-22900

6. State Oil & Gas Lease #
E-7025

7. Lease Name/Unit Name
San Juan 32-9 Unit

8. Well No.
43A

9. Pool Name or Wildcat
Blanco Mesaverde

10. Elevation:

RECEIVED
FEB 12 1999
OIL CON. DIV.
DIST. 3

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other -
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> 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 [Signature] (LTL5) Regulatory Administrator February 10, 1999

TLW

(This space for State Use)

DEPUTY OIL & GAS INSPECTOR, DIST. 3

Approved by [Signature] Title [Signature] Date FEB 12 1999

San Juan 32-9 Unit #43A

Blanco Mesaverde

1150' FNL, 1055' FWL

Unit D, Section 2, T-31-N, R-10-W

Latitude / Longitude: 36°55.8718' / 107°51.4819'

AIN: 6937101

Recommended Rod Pump Installation Procedure 1/20/99

Project Justification: The SJ 32-9 Unit #43A was completed in 1979 in the Mesaverde formation. A well-site compressor was installed in November 1994, with an immediate response of approximately 500 MCF/D. Until recently, the well was producing without problems due to a compressor/plunger lift combination. The lease operator reports that the approximate 10.5 BLPD in conjunction with the increased paraffin production has caused the plunger lift to become ineffective. Many times, the paraffin problem becomes so extreme that we cannot cut the paraffin with slickline tools. In these cases, the option of hot-oiling the tubing has been used. A rod pump will be a more effective way of removing both liquids and paraffin from the wellbore.

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 wellhead 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 5482'. Broach tubing and set tubing plug in tubing at 5430'. 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 +/- 5616'. Visually inspect tubing for corrosion and replace any bad joints. Remove any unnecessary equipment (ie. tubing 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 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 ±5554'. **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 the 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, 1 1-1/4" sinker bar (5/8" pin with 1/4" crossover), 1/4" Grade D rods with spray-metal couplings to 2300', and 1/4" Grade D rods with molded paraffin scrapers to surface. Test pump action and hang rods on pumping unit. RD and MOL. Return well to production.

Recommended:

Y. Y. Loveland
Operations Engineer 1/20/99

Approved:

Bruce D. Boyer 1-27-99
Drilling Superintendent

Operations Engineer:

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

Pump & Rods:

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