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

Sundry Notices and Reports on Wells

API # (assigned by OCD)
30-045-27494

1. **Type of Well**
GAS

5. **Lease Number**
Fee

6. **State Oil&Gas Lease #**

2. **Name of Operator**
BURLINGTON RESOURCES **OIL & GAS COMPANY**

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DIST. 3

7. **Lease Name/Unit Name**
Sunray G

8. **Well No.**
1R

3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. **Pool Name or Wildcat**
Blanco Mesaverde

4. **Location of Well, Footage, Sec., T, R, M**
1455'FSL 990'FWL, Sec.21, T-31-N, R-9-W, NMPM, San Juan County

10. **Elevation:**

Type of Submission	Type of Action	
_X_ Notice of Intent	___ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	_X_ Other -	

13. Describe Proposed or Completed Operations

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

SIGNATURE _____ (MEL5) Regulatory Administrator February 10, 1999

TLW

(This space for State Use)

Approved by ORIGINAL SIGNED BY CHARLIE T. PERRIN Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date FEB 12 1999

Sunray G #1R
Mesaverde
1455'FSL, 990' FWL
Unit L, Section 21, T-31-N, R-9-W
Latitude / Longitude: 36° 52.8112' / 107° 47.4188'
DPNO: 420301
Rod 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 approximately **5567' (see notes on well data sheet)**. Broach tubing and set tubing plug in tubing at **±5500'**. 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 **±5750'**. 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 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 **±5684'**. **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, 1 1-1/4" sinker bar (5/8" pin with ¾" crossover), ¾" Grade D rods with spray-metal couplings to **2810'**, and molded paraffin scrapers to surface. Test pump action and hang rods on pumping unit. RD and MOL. Return well to production.

Recommended: M.E. Lutey
Operations Engineer

Approved: Bruce D. Boyer 1-27-99
Drilling Superintendent

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

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