UNITED STATES

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT OF IMPRO

Sundry Notices and Reports on Wells 99 MAR - 8 P.1 1 34 5. Lease Number 97-078189-A 17. Indian, All. or Tribe Name 10. Name of Operator 11. Address & Phone No. of Operator 12. PO Box 4289, Farmington, NM 87499 (505) 328-9700 000 3 13. Address & Phone No. of Operator 14. Location of Well, Footage, Sec., T, R, M 15. Field and Pool 16. Blanco Mesaverde 17. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA 17. Type of Submission 18. Notice of Intent 19. Abandonment 19. Change of Plans 19. Change of Plans 10. Change of Plans 11. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA 19. Type of Action 19. Non-Routine Fracturing 19. Casing Repair 19. Water Shut off 20. Cheer 20. Cheer 21. Other 22. Cheer 23. Describe Proposed or Completed Operations 24. I hereby certify that the foregoing is true and correct. 25. Signed 19. Additional Contract of The Regulatory Administrator Date 2/22/99 10. This space for Federal or State Office use) 10. The State Number 11. Tribe Name 12. Cheer 13. Describe Proposed or Completed Operations 14. I hereby certify that the foregoing is true and correct. 15. Signed 19. Additional Contract of The Regulatory Administrator Date 2/22/99 10. This space for Federal or State Office use)	BUREAU	OF LAND MANAGEMENT CEIVED	
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San Juan 32-9 Unit #21 Blanco Mesaverde

990'FSL, 990' FWL

Unit M, Section 11, T-31-N, R-10-W Latitude / Longitude: 36°54.50136' / 107°51.41238'

AIN: 6986201

Recommended Rod Pump Installation Procedure 2/1/99

Project Justification: The SJ 32-9 Unit #21 was completed as an open-hole in the Mesaverde formation in 1955. In 1994, the well was sidetracked, 4-1/2" casing was run, and the well was completed in the Mesaverde formation. Until recently, the well was producing with a compressor/plunger lift combination. The lease operator reports that the approximate 7 BLPD in conjunction with increased paraffin production has caused the plunger lift to become ineffective. Occasionally, slickline or hotoiling is required to cut the heavy paraffin. A rod pump will be a more effective way of removing both liquids and paraffin from the wellbore, and will allow us to produce gas from the tubing/casing annulus.

- 1. Install used C-160 pumping unit.
- Hold safety meeting. Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Prior to 2. moving in rig, make one-call and then verify rig anchors and dig pit.
- MOL and RU workover rig. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 3. 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.
- NOTE: This well produces with a plunger lift system. Mesaverde, 2-3/8", 4.7# J-55 tubing (178 jts) set at 5627'. 4. Broach tubing, and set tubing plug in tubing at 5575'. 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 +/- 5683'. Visually inspect tubing for corrosion and replace any bad joints. Remove any unnecessary equipment (ie. tubing stop, bumper spring, etc.). Check tubing for scale buildup and notify Operations Engineer and Drilling Superintendent.
- PU and TIH with 3-7/8" bit, bit sub, and watermelon mill on 2-3/8" tubing and round trip to below perforations, 5. cleaning out with air/mist. NOTE: When using air/mist, minimum mist rate is 12 bph. If scale is present, contact Operations Engineer and Drilling Superintendent to determine methodology for removing scale from casing and perforations.
- Rabbit all tubing prior to TIH. TIH with one bull-plugged joint of 2-3/8" tubing, 4' perforated sub, in-line check, 6. 1.78" seating nipple, and then remaining 2-3/8" 4.7# tubing. Replace any bad joints.
- Land tubing at +/- 5663'. NOTE: If excessive fill is encountered, discuss this landing depth with Operations 7. Engineer and Drilling Superintendent. ND BOP and NU WH. Pump off check valve.
- If excessive fill was encountered discuss running a sand screen below the pump with Operations Engineer and Drilling 8. Superintendent. 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 3/" crossover); 3/" Grade D rods with spray-metal couplings to 3360'; and 3/" 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: 4. for Jovel Operations Engineer 2/4/99

Approved: Bruce W. Bong 2.8.99

Drilling SuperIntendent

Operations Engineer:

L. Tom Loveland Office - (326-9771)

Home – (564-4418)

Pager - (324-2568)

Pump & Rods:

Energy Pump & Supply

Leo Noves

Office - (564-2874)