## UNITED STATES

## DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT



99 HAY 25 PH 1: 20

	ces and Reports on Wel		070 Francisco IVI, NM
. Type of Well		DE 37ED. N - 9 1999	Lease Number NM-02805 If Indian, All. or Tribe Name
. Name of Operator	· · · · · · · · · · · · · · · ·	2011. DIV. <b>Ma</b> i. 3	Unit Agreement Name San Juan 28-6 Unit
BURLINGTON RESOURCES	·	Dieno o	
RESOURCES OIL 6	GAS COMPANY		
		_ 8.	
. Address & Phone No. of Operat		•	San Juan 28-6 U #10:
PO Box 4289, Farmington, NM	87499 (505) 326-9700	9.	API Well No. 30-039-20054
Togetion of Woll Footage Se	C T P M	<b>-</b> 10.	Field and Pool
<ol> <li>Location of Well, Footage, Sec., T, R, M 1650'FNL, 990'FEL, Sec.14, T-28-N, R-6-W, NM</li> </ol>		20.	Basin Dakota
2000 2112, 000 022, 000 021, 0		11.	County and State
			Rio Arriba County, 1
Final Abandonment	Casing Repair Altering Casing		
<del></del>	_X_ Other - Tubing R	epair	
It is intended to reapir t procedure.	eted Operations		ng to the attached
It is intended to reapir t	eted Operations		ng to the attached
It is intended to reapir t	eted Operations		ng to the attached
It is intended to reapir t procedure.	eted Operations  The tubing in the subj	ect well accordi	
It is intended to reapir t procedure.	eted Operations  the tubing in the subject of the foregoing is true and the foregoing is true an	ect well accordi	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## San Juan 28-6 Unit #101 Basin Dakota

Unit H, Sec. 14, T-28-N, R-6-W Latitude / Longitude: 36° 39.83826' / 107° 25.81968' Recommended Tubing Repair Procedure 5/20/99

Project Justification: This well hasn't been pulled since its 1967 completion. At that time, the 2-3/8" tubing was landed 8' below the top perforation. Because the well is unable to achieve a critical velocity through the 4-1/2" casing, it is unable to lift liquids existing below the end of the tubing. As a result, an additional 45 psi of hydrostatic backpressure is being applied to the formation at the mid-perforation depth. Lowering the tubing will not only increase the production rate, it will also increase the well's reserves.

## NOTE: ALL DEPTHS ARE MEASURED FROM KB. KB to GL was 10'.

- Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Prior to 1. moving in rig, make one-call and then verify rig anchors and dig pit.
- MIRU workover rig. NU relief line and blow well down (kill with 2% KCL water only if necessary). 2. ND WH and NU BOP. Test and record operation of BOP rams. Replace any WH valves that do not operate properly. Test secondary seal and install or replace if necessary.
- Dakota, 2-3/8", 4.6#, J-55 tubing set at 7529' (238 its). Broach tubing and set tubing plug in nipple 3. at 7528'. 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, recording the depth. PBTD should be at +/- 7787'. TOOH and stand back 2-3/8" tubing. Visually inspect tubing for corrosion, and replace any bad joints. Check tubing for scale and notify Operations Engineer and Drilling Superintendent if it is present.
- PU 3-7/8" bit, bit sub, and watermelon mill on 2-3/8" tubing and round trip to PBTD, cleaning out 4. with air/mist. NOTE: When using air/mist, mist rate must not be less than 12 bph. Speak with Operations Engineer and Drilling Superintendent, and if necessary, determine the best way to remove scale from the casing and perforations.
- TIH with one 4' pup joint of 2-3/8" tubing with expendable check, F-nipple (above pup joint), then 5. 1/2 of the 2-3/8" production tubing. Run a broach on sandline to insure that the tubing is clear. TIH with remaining 2-3/8" tubing. Replace any bad joints. CO to PBTD with air/mist.
- 6. PU above the top Dakota perforation at 7521' and flow the well naturally, making short trips for clean-up when necessary. Discuss sand production with Operations Engineer and Drilling Superintendent to determine when clean-up is sufficient.
- 7. Land tubing at 7675'. Obtain pitot gauge from casing and report this gauge. Broach the upper 1/2 of the production tubing. ND BOP and NU WH. Pump off expendable check. Connect to casing and circulate air to assure that expendable check has pumped off. If well will not flow on its own, make swab run to SN. RD and MOL. Return well to production.

Approved: Druce (). Druge

Drilling Superinter dent

Operations Engineer: L. Tom Loveland

Office 326-9771

Pager 324-2568

Home 564-4418