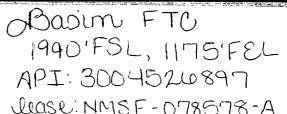
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	T LAND MANAGEMENT		
Sundry Noti	ces and Reports on Wel	lls	
		5.	Lease Number NMSF-078578-A
1. Type of Well GAS		6.	If Indian, All. or Tribe Name
2. Name of Operator		7.	Unit Agreement Name
RURLINGTON ON			
RESOURCES OIL	GAS COMPANY	8.	Well Name & Number
3. Address & Phone No. of Operat PO Box 4289, Farmington, NM		_	Howell K #300 API Well No.
4. Location of Well, Footage, Se		10.	30-045-26897 Field and Pool
1990'FSL, 1175'FEL, Sec.15, 1	-30-N, R-8-W, NMPM	11.	Basin Fruitland Coal County and State San Juan Co, NM
12. CHECK APPROPRIATE BOX TO INI			DATA
Type of Submission X Notice of Intent	Type of A d Abandonment	c tion Change of Pla	ans
	Recompletion	New Construct	tion
Subsequent Report	Plugging Back Casing Repair	Water Shut o	ff
Final Abandonment	Altering Casing _ _X_ Other -	Conversion to	o Injection
13. Describe Proposed or Compl It is intended to install a the attached procedure.		it to the referen	nced well according to
5			
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		C00182	
14. I hereby certify that the	foregoing is true and	correct.	
Signed My Man	0	ry Supervisor Da	te 6/7/01 TLW
(This space for Federal or State APPROVED BY	Office use) Title	Date	 JUN 2 1
CONDITION OF APPROVAL, if any: Title 18 U.S.C. Section 1001, makes it a crime for ar United States any false, fictitious or fraudulent sta	by person knowingly and willfully to	make to any department or a	agency of the



Howell K #300

LINER & PUMPING UNIT INSTALLATION PROCEDURE 2/23/01

Unit I, Section 15, T30N-R8W, San Juan County, New Mexico ↑ € € € Lat. 36.809430 / 36° 48.57' Long. 107.656490 / 107° 39.39'

- 1. MIRU daylight recavitation rig.
- RU flow lines to casing, record casing & tubing pressures, flow test casing and pitot test while rigging up.
- 3. NDWH / NU BOP. Kill if necessary with produced Fruitland coal water. Pressure test BOP's to 200 psi for 10 mins and 1500 psi for 30 mins using a pup joint screwed into the tubing hanger and the pipe rams.
- 4. RU blooie lines. RU pressure recorder on air injection line.
- 5. Pick up on and remove tubing hanger. TOOH and lay down the 2-7/8" tubing string.
- 6. PU 6-1/4" mill, DC's and 2-7/8" workstring. TIH and clean out open hole with air/mist and water sweeps as hole dictates. Monitor pressure recorder for pressure increases as signs of hole bridging. Do not attempt to "force" the workstring to bottom. If the well is returning heavy amounts of coal, keep pipe above the coal zone and allow the well to flow and clean up on its own.
- 7. Rotate and reciprocate the pipe at all times during clean out. When the clean out process is complete (coal production is at a minimum or pitot has stabilized), begin circulating w/ air while rotating and reciprocating (R&R) until hole is stabilized. TOOH and prepare to run 5-1/2" liner.
- 8. LINER RUNNING PROCEDURE:

DO NOT TAKE RISKS
EXTINGUISH ALL OPEN FLAMES
OPEN WELL THRU 2" LINES AND MANIFOLD LINES

Safe stripping pressure = Wt of liner/area of pipe

This pressure should be greater than the back pressure seen when flowing the well out the blooie lines. If back pressure is greater than the safe stripping pressure, snubbing should be done.

STRIPPING:

- A. Rig up casing crew and change out stripping rubber to 5-1/2". Change out lower rams in upper BOP to 5-1/2". Run 5-1/2" liner through the 5-1/2" stripping rubber.
- B. Pick up the liner hanger (steel sleeve), string float, and (1) one joint of drill pipe. Make up to 5-1/2" casing.
- C. When liner hanger clears the upper BOP, close the top set of pipe rams. Change out stripping rubber to match DP and run remaining drill pipe.

- D. Wash to TD with air/mist using water if necessary, set the liner hanger and release the setting tool. DO NOT ROLL THE HOLE WITH WATER. Trip out of the hole, laying down 2-7/8" workstring.
- 9. Pick up 2-3/8" tubing and a 4-3/4" mill and TIH. Mill plugs to PBTD. TOOH.
- 10. TIH w/2-3/8" tubing string configured for tubing insert pump and land 5' above PBTD. Purge valve will be on bottom, followed by a downhole gas separator, and seating nipple. Space out as needed with pup joints. (Note: Vendor contact is listed below.)
- 11. Hang tubing in donut. ND BOP / NUWH.
- 12. TIH w/ new 1.25" top hold down pump, 3/4" Grade D sucker rods w/ spray metal couplings, polished rod, and polished rod liner.
- 13. Seat the downhole pump, hang horses head, and space out pump.
- 14. Load tubing, and pressure test.
- 15. Start pumping unit and test (adjust spacing as required).
- 16. RDMO.

COMPLY WITH ALL FEDERAL, STATE AND LOCAL RULES AND REGULATIONS RELATING TO OIL AND GAS OPERATIONS.

Approved: Drilling Supt.

Prepared: D.W. Mussett

Approved: Regulatory

Sundry _____ Yes _____No

Pump vendor: ENERGY PUMP

Leo Noyes @ 564-2874