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

Sundry Notices and Reports on Wells

API # (assigned by OCD)
30-045-28780

1. **Type of Well**
GAS

5. **Lease Number**

6. **State Oil&Gas Lease #**
E-1193-3

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

7. **Lease Name/Unit Name**
EPNG D Com

8. **Well No.**
#301

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

9. **Pool Name or Wildcat**
Fruitland Coal

4. **Location of Well, Footage, Sec., T, R, M**
1175'FNL, 1115'FWL, Sec.36, T-30-N, R-8-W, NMPM, San Juan County, NM

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 - Liner Installation	

13. **Describe Proposed or Completed Operations**

It is intended to install a liner in the subject well according to the attached Procedure and wellbore diagram.

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JUL 20 1999
OIL CON. DIV.
DIST. 3

99 JUN 29 PM 12:54
070 FARMINGTON, NM

RECEIVED
BLM

SIGNATURE Peggy Bradfield Regulatory Administrator June 24, 1999

trc

(This space for State Use)

Approved by ORIGINAL SIGNED BY ERNIE BUSCH DEPUTY OIL & GAS INSPECTOR, DIST. #3 Title Date 8-3-99

NMOCD

EPNG D Com #301
WORKOVER PROCEDURE
5/6/99

Unit D, Section 36, T30N-R8W, San Juan County, New Mexico
Lat. 36.772540 / 36° 46.35'
Long. 107.631700 / 107° 37.90'

1. MIRU daylight recavitation rig.

2. 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. Pick up enough 2-7/8" tbg to CO inside of 5-1/2" liner to TD. TOOH and lay down the tubing string. Visually inspect the joints for signs of corrosion and/or wear. This string may be rerun as the production string, lay down any unusable joints.

6. TIH with a mill or liner retrieving tool as required and perform the following operation:

7. TIH with a mill, DCs and 2-7/8" workstring. Cut slips on top of liner hanger (see attached WB sketch and tally). TOH. TIH with spear, bumper jars and jar liner until free or jars quit, whichever comes first. TOH. or...

8. TIH with liner retrieving tool and bumper sub w/ DP and collars as required. Screw into liner hanger and attempt to free. If not free, screw out of liner and TOH. PU DCs and fishing tools (jars, accel., bumper sub., etc.) w/ liner retrieving tool & TIH. Screw into liner and jar until free or jars quit, which ever comes first. TOH. Send the liner hanger in. If liner does not come free, contact office for sidetrack considerations.

   If liner does not come free, run freepoint through bored out spear, determine stuck point and contact office for fishing or sidetrack decision based on freepoint information.

9. Pull liner a safe distance from surface (dependent upon flowing pressures Kill well with approximately 80 bbls water, check for flow, continue pumping into casing at a slow pump rate while laying down liner (record total volume of fluid pumped during laying down of liner). Send casing to BR yard. A redressed 15.5#, K-55 liner will be run in the well.

10. 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. Obtain an initial gas gauge and estimate water production when possible.

11. 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. Obtain a gas gauge and estimate water production.

12. 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:

    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.

    Pick up the liner hanger (steel sleeve), string float, and (1) one joint of drill pipe. Make up to 5-1/2" casing.

    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.

    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.

13. Pick up 2-7/8" tubing and a 4-3/4" mill and TIH. Mill plugs to PBTD. TOOH.

14. TIH w/ 2-7/8" tubing string configured for tubing insert pump and land 5' above PBTD. Purge valve will be on bottom, followed by pup joint, perforated sub, and seating nipple. Space out as needed with pup joints. (Note: Vendor contact is listed below.)

15. Hang tubing in donut. ND BOP / NUWH.

16. 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.

17. Seat the downhole pump, hang horses head, and space out pump.

18. Load tubing, and pressure test.

19. Start pumping unit and test (adjust spacing as required).

20. RDMO.

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

Prepared: D.W. Mussett

Approved: Drilling Supt.

Pump vendor: ENERGY PUMP Leo Noyes @ 564-2874

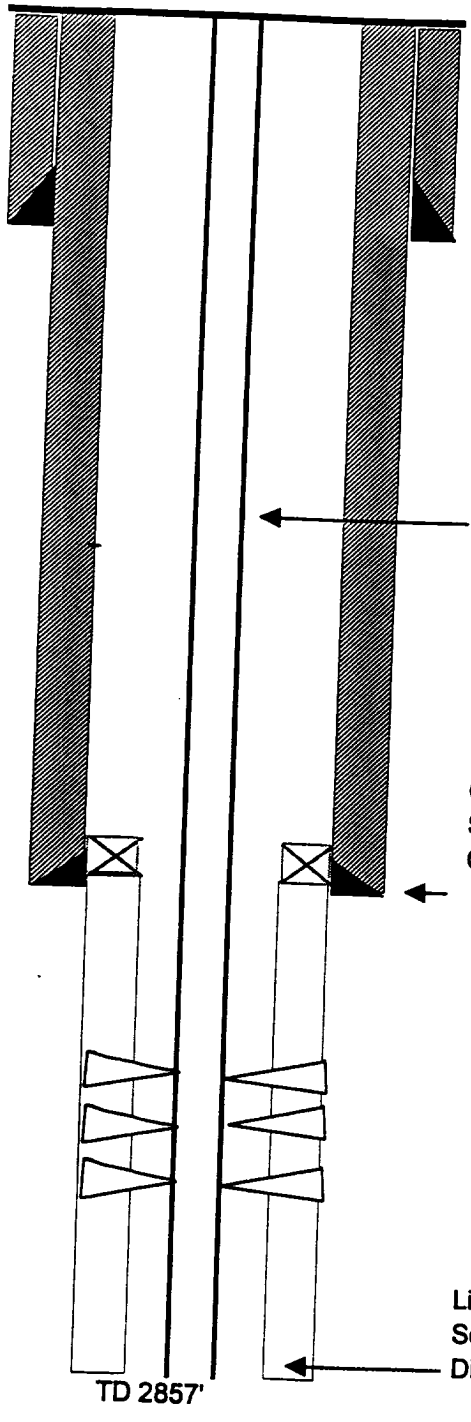
EPNG D Com #301

May 5, 1999

Basin Fruitland Coal

Unit D, Section 36, T30N, R8W, San Juan County, New Mexico

Completed: 02/20/93



Casing: 9-5/8, 36# K-55
Set @ 234'
Circulated cement to surface.

Ojo Alamo @ 1826'

Kirtland @ 1934'

Tubing: 2-7/8", 6.5# J-55 EUE
Set @ 2817', 90 jts.
"F" Nipple @ 2784'

Fruitland @ 2506'

Casing: 7, 20# K-55
Set @ 2637'
Circulated cement to surface.

Perforations:

Pre-drilled liner'
2674-2855'

Liner: 5-1/2, 15.5# K55
Set @ 2580'-2857'
Did not cement.

TD 2857'

Workover History:
None

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