



ENERGY CORPORATION

20 North Broadway, Suite 1500
Oklahoma City, Oklahoma 73102-8260

Telephone: 405/235-3611
FAX 405/552-4550

January 19, 1994

**New Mexico Oil Conservation Commission
1000 W. Broadway
Hobbs, New Mexico 88240**

Attn: Jerry Sexton

**Re: Denton SWD #1
Unit D, 660' FNL & 660' FWL
Sec. 13, T15S, R37E
Lea Co., New Mexico**

Dear Jerry:

We received verbal approval from your office on January 11, 1994 to repair a tubing leak in the above referenced well. The workover was started on January 14, 1994. When an attempt was made to pull the 5" tubing, it parted 8' from surface. A Stuck Pipe Log was subsequently run and showed the 5" tubing to also be parted at 132' and 100% stuck at 8'- 200' and 9270'- 9398'.

Due to the small clearance between the 5" tubing and the 7" casing, it is not possible to wash over the 5" tubing. We are, therefore, proposing to run a packer on a string of 3 1/2" flush joint internally plastic coated tubing inside the 5" tubing. The packer will be set at approximately 9370'. This completion will enable the integrity testing of the 3 1/2" x 5" and 3 1/2" x 7" annuluses.

Attached is a C-103 and a wellbore schematic showing the proposed workover. Please approve the C-103 at your earliest convenience.

If you have any questions, please give me a call at 405-552-4509.

Very truly your,

**Ernie Buttross
District Engineer**

XC: File, J. Handley

WELLBORE SCHEMATIC DENTON SWD #1

PRESENT

PROPOSED

5" TBG 100%
STUCK @ 8'-200'

1 SQUARE
30 SHEETS
100 SHEETS
200 SHEETS
300 SHEETS
400 SHEETS
500 SHEETS
600 SHEETS
700 SHEETS
800 SHEETS
900 SHEETS
1000 SHEETS
1100 SHEETS
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9200 SHEETS
9300 SHEETS
9400 SHEETS
9500 SHEETS
9600 SHEETS
9700 SHEETS
9800 SHEETS
9900 SHEETS
10000 SHEETS

5" TBG
PARTED
@ 132'

TOP OF 5"
TBG STUB
@ 8'

1 3/8" CSG
@ 348'
(TOC @ SURF)

9 5/8" CSG @ 5001'
(TOC @ 1180')

5" TBG 100%
STUCK @ 9270'-9398'

(5" 15# N-80 IFC
TBG STUNG INTO
LINER TOP @ 9398'
7" CSG @ 11,305'
(TOC @ 8690')

PENN PERFS
@ 9985'-10,010'

5" 18# LINER
@ 9398'-12,888'

PBTD
@ 10,189'

3 1/2" 9.3#
N-80 FJ
IPC TBG

PKR SET
IN 5" TBG
@ ± 9370'

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-025-0530900	
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Denton SWD	
8. Well No. 1	
9. Pool name or Wildcat Denton	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SWD	
2. Name of Operator Devon Energy Corporation (Nevada)	
3. Address of Operator 20 N. Broadway, Suite 1500, OKC, OK 73102-8260	
4. Well Location Unit Letter <u>D</u> : <u>660</u> Feet From The <u>west</u> Line and <u>660</u> Feet From The <u>north</u> Line Section <u>13</u> Township <u>15S</u> Range <u>37E</u> NMPM Lea County	
10. Elevation (Show whether DI, RRB, RT, GR, etc.) 3780' DF.	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: Run 3 1/2" tubing inside 5" tubing ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Plan to commence workover as soon as possible after approval is received.
Workover will be as follows:

- | | |
|----------------------------------------------------------------|-------------------------------------------------------------------|
| 1) PU 4 1/8" bit, 2 3/8" tbg, and TIH to liner top at 9398'. | 8) Engage on-off tool. |
| 2) PU nickle plated packer w/on-off tool and TIH w/2 3/8" tbg. | 9) Land 3 1/2" tbg in wellhead. |
| 3) Set packer at ±9370'. | 10) ND BOP, NU wellhead. |
| 4) Test packer to 500 psi. | 11) Pressure annulus to 500 psi and run MIT test. |
| 5) Release on-off tool, TOH and LD 2 3/8" tbg. | 12) Acidize Penn perms 9985-10,010' w/ 10,000 gals 15% NeFe acid. |
| 6) PU on-off connector, 3 1/2" 9.3# N-80 FJ IPC tbg and TIH. | 13) Return well to disposal service. |
| 7) Displace hole w/clean treated water. | |

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE E. L. Buttross Jr. TITLE District Engineer DATE 01-19-93 /cg
TYPE OR PRINT NAME E.L. Buttross, Jr. (405) 235-3611 TELEPHONE NO.

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: