RECOMPLETION PROCEDURE (cont'd)
S. SPRINT GAS UNIT 1, #1
AFE #658206
PAGE 2

10) GIH w/3-3/8" TCP gun loaded w/6 SPF @ 60° phase w/mechanical firing head, 4' handling sub, 10' pup jt., perf nipple, Mod. "R3" pkr, 1 jt. 2-3/8" tbg & 1.875" "X" nipple on 2-3/8" tbg to place gun approx. across interval from 10,017'-30' ELM.

11) RU WL co. GIH with GR/CCL & correlate ELM w/tbg measurements. POH w/logging tool.

12) Space out as needed to place gun from 10,017'-30' ELM. ND BOP's. Install tree. Set pkr w/10-12M# down. NU tree. Test down csg to 1000 psi. Test down tbg to 1000 psi.

13) RU WL co. GIH with GR/CCL & confirm gun depth. POH. RD WL co.

14) RU swab & lower FL to 2000'.

15) Drop bar & perf Frio "C" Sand from 10,017'-30'. Clean well up to rig tank.

16) Test well to sales. RD rig. Run G-1 & G-10 tests. SWI & run BHP svy. Place well on production.

SUBMITTED BY: W.W. CHAPMAN 10/05/98
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# S. Sprint Gas Unit 1 #1

PB COMPLETION

[X] SINGLE [ ] DUAL [ ] OTHER

LOCATION

State Tract 980S, Nicolas & Juan Jose Balli Svy., A-110

| DEPTH | | | | ELEVS | | |
|---|---|---|---|---|---|---|
| TD | 10,406' | PBD | 9945' | KB | 18' AGL | DF |
| COD | | OOD | | GL | | |

| ZONE TO BE WORKED ON | CURRENT COMPLETION ZONE |
|---|---|
| Frio "C" | Frio "A" |

CSG PERFS OR OH INTERVAL

9915'-30'

CURRENT TEST (SHOW DATE)

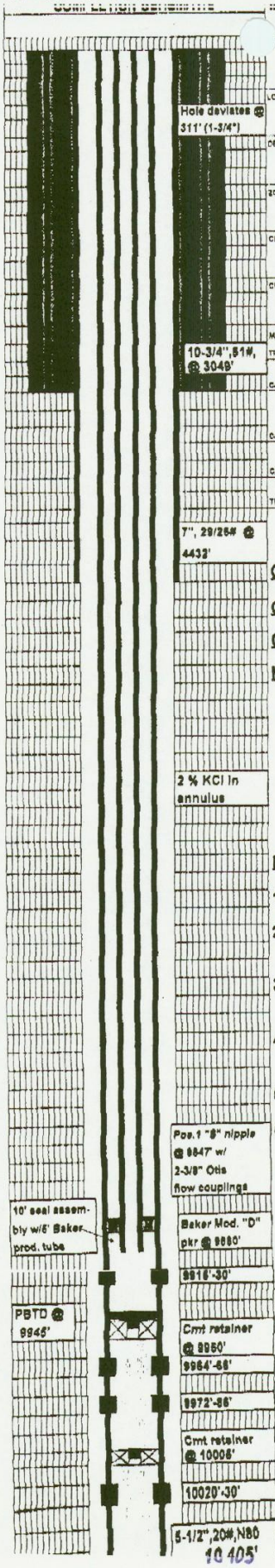
Will not produce

MARKER JOINTS

TREE:

| | | SIZE | DEPTH | TOP CEMENT |
|---|---|---|---|---|
| CASING | Surface | 10-3/4",51# | 3049' | |
| CASING | Intermediate | 7", 29#<br>7", 26# | 0-2887'<br>2887'-4432' | |
| CASING | Production | 5-1/2",20#,N80 | 10,405' | |
| TUBING | Tubing | 2-3/8",4.7#,N80 | 9880' (top of pkr) | |

R/C AFE# 658206 Acct No's: 231/100-400's




**CURRENT SETTING:**

**CURRENT STATUS:** Unable to produce from Frio "A" Sand (perfs 9915'-30').

**OBJECTIVE:** Recomplete well to Frio "C" Sand w/perfs from 10,017'-30'

**NOTE:** Well is deviated. Max. angle is 45° @ 3500'. TVD @ 9900' is 7815'. This well is in an environmentally sensitive area. No discharges of any kind are to occur. Place drip pans under any possible sources of fluids. Clean any spills immediately. Rent a portable toilet & have crew use it. Contain & remove all trash. Inform crews & truck drivers to drive slowly, observe all traffic laws & to be polite to park visitors. DO NOT DISTURB SAND DUNES. Attempt to limit truck traffic on holidays & weekends. DO NOT DISTURB WILDLIFE (including snakes).

**PROCEDURE:**

1) RU slickline & run static BHP survey.

2) MIRU dbl drum WO rig w/pump & tank. Load tbg w/2% KCl. ND tree & NU BOP's.

3) Pull seals out of Model "D" pkr @ 9880'. Reverse out as needed. POH w/2-3/8" tbg.

4) GIH w/pkr milling & retrieving tool and DC's. Burn over pkr & pull pkr OOH. Add calcium carbonate to fluid as needed to circ.

5) GIH w/sqz tool & tbg tester w/2 jts. of tailpipe. Wash to TOC @ 9945'.

6) PU to place EOT @ ±9700'. RU cmt co. Close tbg tester & test tbg to 5000 psi. Set pkr. Place 1000 psi on csg. Establish injection into perfs Mix & pump 35 sxs Class "H" cmt w/fluid loss additive followed by 25 sxs Class "H" w/10% salt. Retard cmt as needed for 2.5 hrs pumping time. Open bypass on tool & spot cmt. Close tool w/1000 psi trapped on csg. Sqz perfs to @ least 1000 psi over injection pressure. Open bypass & reverse out 2 tbg volumes. RD cmt co.

7) POH w/sqz tool.

8) GIH w/bladed "clutch type" mill w/6 - 3 1/8" DC's to TOC. RU swivel & stripper rubber. Drill out sqz to 9945'. Circ hole clean. Test sqz to 1000 psi.

9) Drill out cmt & retainer to top of retainer @ 10,005'. Test sqz's to 1000 psi. Drill out retainer @ 10,005' & cmt across perfs from 10,020'-30'. Continue in hole to ±10,100'. Circ hole clean. POH & LD DC's.

CONTINUED ON PAGE 2

SUBMITTED BY: WADE CHAPMAN 10/05/98

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Natural gas. Electricity. Endless possibilities.

539 North Carancahua, Suite 1000 Corpus Christi, TX 78401 (512) 883-9231

October 8, 1998

United States Department of Interior
National Park Service
Padre Island National Seashore
9405 S. Padre Island Drive
Corpus Christi, Texas 78418-5597
ATTENTION: Mr. Paul Eubank

Re: S. Sprint Gas Unit 1, #1
S. Sprint Field
Kleberg County, Texas

Dear Mr. Eubank:

It was a real pleasure meeting you on Wednesday, October 7, 1998, and I would like to thank you again for your time. As per our discussion, Enron Oil & Gas Company is planning to workover the above referenced well. The work is required to return the well to production and the attached procedure outlines the scope of the work. The estimated time to complete the workover is nine (9) days.

We at Enron acknowledge the special nature of the South Sprint area. We plan to take the precautions necessary to conduct our operations in a manner that has little effect on the environment. Please let us know if you have any additional comments or questions concerning this procedure.

Sincerely,

ENRON OIL & GAS COMPANY

Wade Chapman by Carla Martin

Wade Chapman
Sr. Production Engineer

WWC/clm
Attachment(s)

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Enron Oil & Gas Company

539 North Carancahua, Suite 1000 Corpus Christi, TX 78401 (512) 883-9231

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Sincerely,

ENRON OIL & GAS COMPANY

Wade Chapman by Carla Martin

Wade Chapman
Sr. Production Engineer

WWC/clm
Attachment(s)

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PADRE ISLAND
NATIONAL SEASHORE

# FACSIMILE TRANSMISSION

SUBJECT: Workover South Sprint Well #1

THE FOLLOWING PAGES ARE TO:

NAME: Pat O'Dell

OFFICE: GRD

THE FOLLOWING IS FROM:

NAME: Paul Eubank

OFFICE: PAIS

TOTAL NUMBER OF PAGES INCLUDING THIS SHEET: 4

IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL ME AT (512) 949-8173 x224

MESSAGES: Pat, Please look over the following workover procedure from Enron O/G. They plan to workover the land well @ South Sprint. Any Comments?

Thanks
Paul Eubank