WORKOVER PROCEDURE

DATE:8/10/93

WELL & JOB: SJU "E" #201 - P&A Fusselman and bring into unit **DRILLED:** 1958

LAST WORKOVER: 11/10/88 - Install ESP **FIELD:** South Justis Field **COUNTY:** Lea, NM

BY: B. G. Voigt **TD:** 7242' **PBD:** 6805' **DATUM:** 11' RKB - GL

TUBINGHEAD: ? **SIZE:** **PRESS RATING:**

CASING:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TOC
SURFACE:	13-3/8"	48 lb	H-40	553'	300 sx	circ
INTER:	9-5/8"	36 lb	J-55	3400'	2000 sx	745'
PROD:	7-5/8" & 7"	26.4, 26,23 lb	N-80 & J-55	7242'	998 sx	2950' (TS)

LINER: Scab	SIZE	WEIGHT	GRADE	TOP	BTM	TOC
	5"	11 lb	J-55	5852'	5962'	None

PERFORATIONS: Drinkard: 5890-5920' (Abandoned 5-16-67)
Fusselman: 6724, 38, 41, 49, 60, 77, 86, & 94' (producing)
6840-6950' (Sqzd w/ 122 sx cement 5-11-65)

TUBING: **SIZE:** 2-7/8" **WEIGHT:** 6.5 lb **GRADE:** J-55 **THREAD:** EUE 8rd
BTM'D @ 5779' **JOINTS:** 177 **MISC:** GP513 pump discharge, GPMT pump, 513 pump intake, GSB-1 seal section, & BMB 150 HP motor.

PACKER AND MISC: Fish: Baker CI Model "D" packer at 6805'.

HISTORY AND BACKGROUND: This well was originally drilled as a dual Drinkard and Fusselman producer. In May of 1965, the Fusselman (6840-6950') was squeezed. The Upper Fusselman was perforated from 6724-94' and the well continued as a dual producer. In May of 1967, a scab liner was set over the Drinkard perforations. The well has been producing from the Fusselman ever since and is currently producing with an ESP.

SCOPE OF WORK: P&A Fusselman and bring into unit

PROCEDURE

1. MIRU PU. ND WLHD. NU BOP. POOH with completion assembly.

2. RIH with 5" 11 lb. casing spear and engage scab liner (5852'-5962'). POOH with scab liner.

   NOTE: No records on scab liner packers. Most likely a Brown Hyflow liner packer on top with a Brown "DL" liner hanger on bottom.

3. RU Wedge Wireline. Make guage ring run to 6700'. RIH and WL set CIBP at 6625'. RIH and dump bail 2 sx cement on top of CIBP (Calculated PBD = 6613'). RD Wedge Wireline.

4. RIH with Baker FBRC packer. Test CIBP & cement to 500 psi. PUH and set packer at 5800'. Conduct casing integrity test to 500 psi. POOH.

5. Perforate and stimulate per O/A Engineering design.

6. RIH with completion assembly per F/P Engineering design. ND BOP. NU WLHD. RIH with pump and rods per F/P Engineering design.

7. RD PU. TOTPS.

Bunny Voigt 8-11-93
Permian Team Drilling Engineer

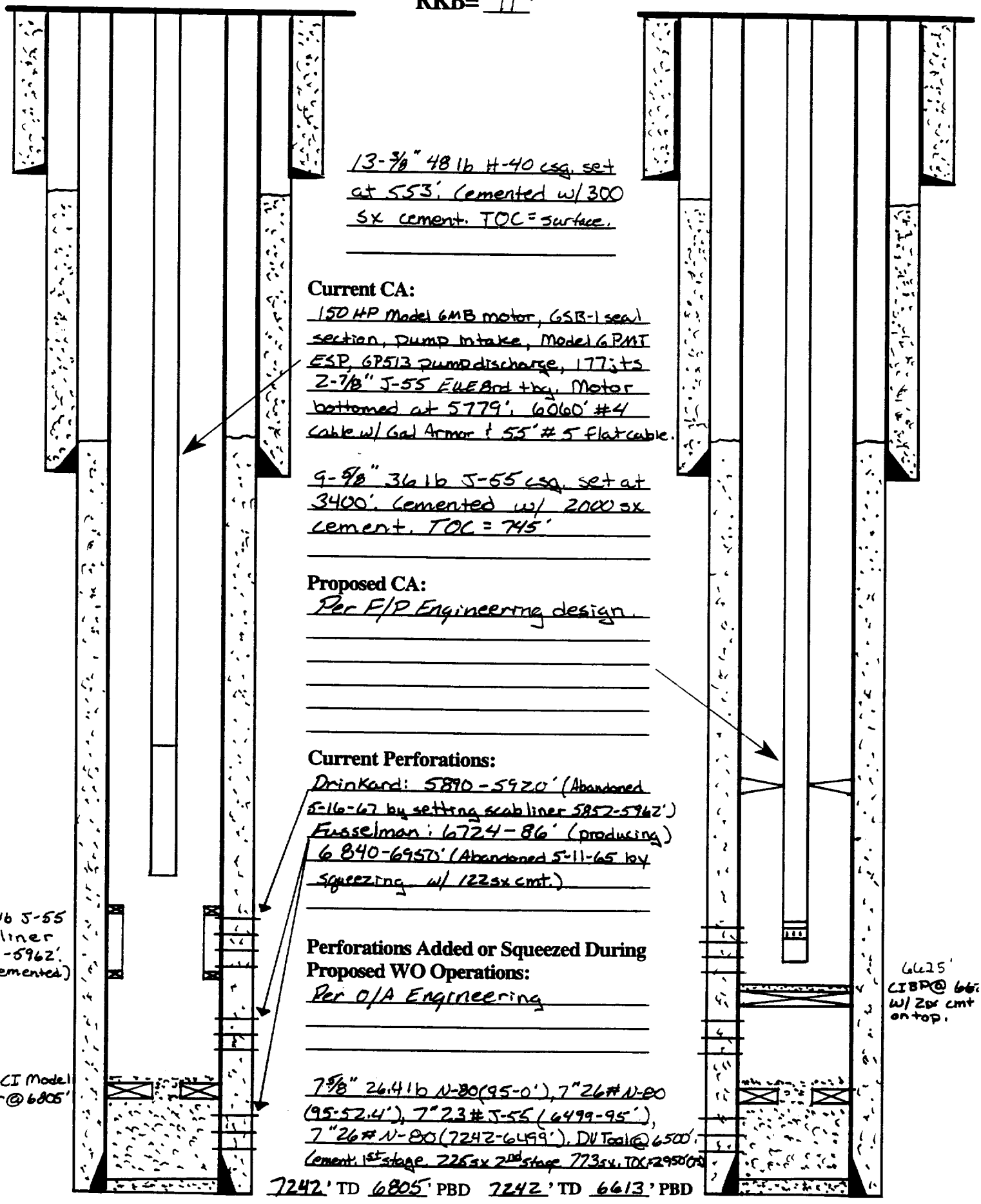
JS 8/12/93
Permian Drilling Team Leader

SSU "E" #201

Current Wellbore Diagram

RKB= 11'

Proposed Wellbore Diagram



13-3/8" 48 lb H-40 csg. set at 553'. Cemented w/ 300 sx cement. TOC = surface.

Current CA:
150 HP Model 6MB motor, GSB-1 seal section, Pump Intake, Model GPMT ESP, GP513 pump discharge, 177 jts 2-7/8" J-55 EUE 8rd tbg. Motor bottomed at 5779'. 6060' #4 cable w/ Gal Armor & 55' #5 flat cable.

9-5/8" 36 lb J-55 csg. set at 3400'. Cemented w/ 2000 sx cement. TOC = 745'

Proposed CA:
Per E/P Engineering design.

Current Perforations:
DrinKard: 5890-5920' (Abandoned 5-16-67 by setting scab liner 5852-5962')
Fusselman: 6724-86' (producing)
6840-6955' (Abandoned 5-11-65 by squeezing w/ 122 sx cmt.)

Perforations Added or Squeezed During Proposed WO Operations:
Per O/A Engineering

5" 11 lb J-55 scab liner 5852-5962' (not cemented)

Baker CI Model D pkr @ 6805'

6625' CIBP @ 66[illegible] w/ 2 sx cmt on top.

7-5/8" 26.4 lb N-80 (95-0'), 7" 26# N-80 (95-5214'), 7" 23# J-55 (6499-95'), 7" 26# N-80 (7242-6499'). DV Tool @ 6500'. Cement: 1st stage 226 sx 2nd stage 773 sx. TOC = 2950' (CBL)

7242' TD 6805' PBD 7242' TD 6613' PBD