State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

Submit 3 Copies to Appropriate District Office

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 87504-2008

WELL API NO.
30-025-11718

5. Indicate Type of Lease STATE [ ] FEE [X]

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. Lease Name or Unit Agreement Name
South Justis Unit "E"

1. Type of Well: OIL WELL [X] GAS WELL [ ] other

2. Name of Operator
ARCO OIL and GAS COMPANY

8. Well No.
21

3. Adress of Operator
P.O. Box 1610, Midland, Texas 79702

9. Pool Name or Wildcat
Justis Blbry-Tubb-Dkrd

4. Well Locaztion

Unit Letter L : 1980 Feet From The South Line and 990 Feet from The West Line

Section 24 Township 25S Range 37E NMPM Lea County

10. Elevation *(Show whether DF, RKB, RT, GR, etc.)*
3085 KB

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	[X]	PLUG AND ABANDON	[ ]	REMEDIAL WORK	[ ]	ALTERING CASING	[ ]
TEMPORARILY ABANDON	[ ]	CHANGE PLANS	[ ]	COMMENCE DRILLING OPNS.	[ ]	PLUG AND ABANDONMENT	[ ]
PULL OR ALTER CASING	[ ]			CASING TEST AND CEMENT JOB	[ ]		
(Other)	[ ]			(Other)	[ ]		

12. Describe Proposed or completed Operation *(Clearly state allpertinent dates, including estimated date of starting any proposed work)* SEE RULE 1103.

Propose to workover wellbore for South Justis Unit as follows:

1. Isolate csg leak & repair.
2. Add perforations and stimulate.
3. RIH w/CA.

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

SIGNATURE Ken W Gosnell TITLE AGENT DATE 9-2-93

TYPE OR PRINT NAME Ken W. Gosnell TELEPHONE (915) 688-5672

(This space for State Use)
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE SEP 07 1993

CONDITIONS FOR APPROVAL, IF ANY:

WORKOVER PROCEDURE

DATE:8/12/93

WELL & JOB: SJU "E" #21 - Conduct Casing Integrity/Squeeze leak(s) **DRILLED:** 1958

LAST WORKOVER: 12/9/92 - P&A Fusselman **FIELD:** South Justis Unit **COUNTY:** Lea, NM

BY: B. G. Voigt **TD:** 7000' **PBD:** 6721' **DATUM:** 14' RKB-GL

TUBINGHEAD: **SIZE:** 7-1/16" **PRESS RATING:** 3000 psi

CASING:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TOC
SURFACE:	13-3/8"	36 lb	?	617'	600 sx	circ
INTER:	9-5/8"	36 lb	?	3237'	1500 sx	838' (TS)
PROD:	7"	23 lb	N-80 & J-55	6960'	385 sx	4057' (TS)

LINER:	SIZE	WEIGHT	GRADE	TOP	BTM	TO

PERFORATIONS: Drinkard: 5886-96, 5903-14, 5920-48' 196 holes (Squeezed with 400 sx cement 6-30-58)
Fusselman: 6831, 36, 41, 43, 47' at 2 JSPF (Abandoned 12-9-92)
6960-7000' OH (Squeezed with 150 sx cement 6-30-58)

TUBING: **SIZE:** NONE **WEIGHT:** **GRADE:** **THREAD:**
BTM'D @ **JOINTS:** **MISC:**

PACKER AND MISC: CIBP at 6756' with 35' (6sx) cement on top
Fish: Baker Model "D" packer at 6900' (pushed to 6900' with 4-1/2" hole hogg drlg bailer)

HISTORY AND BACKGROUND: This well was originally drilled as a Fusselman and Drinkard dual producer. In June of 1958, the Fusselman OH and Drinkard were abandoned. The Upper Fusselman was perforated and produced until the well was TA'd in February of 1988. In December of 1992, the Fusselman zone was P&A'd. During this workover, a casing integrity test was performed and it was noted that a casing hole existed or the squeezed Drinkard perfs were leaking.

SCOPE OF WORK: Conduct casing integrity and squeeze as necessary

PROCEDURE

1. MIRU PU. ND WLHD. NU BOP.

2. RIH with Baker FBRC packer on 2-7/8" WS to 5800'. Conduct casing integrity test down the 7" x 2-7/8" annulus to 500 psi. Pressure test the Drinkard perfs, CIBP, and cement to 500 psi. If a leak exists, squeeze as necessary.

   NOTE: During casing integrity test 12-9-92, 160 psi was lost in 15 minutes. It was noted that a possible casing leak and/or leak through the Drinkard squeeze perforations was the problem.

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

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

5. RD PU. TOTPS.

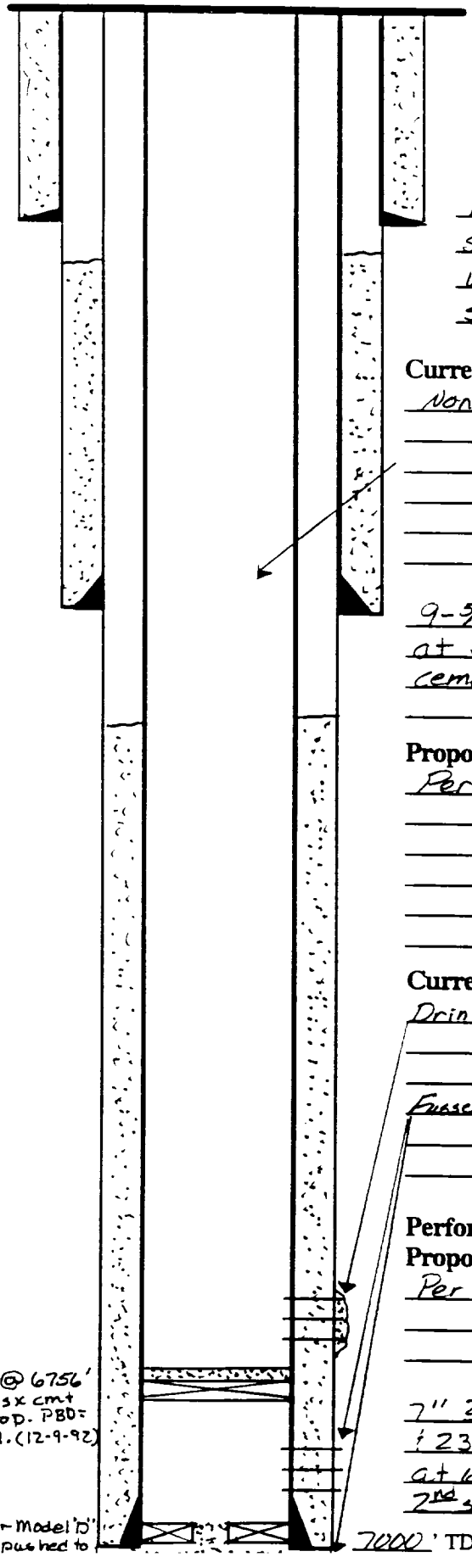
Barry Voigt 8-12-93
Permian Team Drilling Engineer

JA 8/13/93
Permian Drilling Team Leader

SJU "E" #21

Current Wellbore Diagram

RKB= 14'



13-3/8" 36# (? Grade) csg. set at 617'. Cemented w/ 600 sx cement, TOC= surface.

Current CA:
None

9-5/8" 36# (? Grade) csg. set at 3237'. Cemented w/ 1500 sx cement, TOC = 838' (TS).

Proposed CA:
Per F/P Engineering

Current Perforations:
Drinkard: 5886-5948 (sqzd w/ 400 sx cmt 6-30-58)

Fusselman: 6831-47 (Abandoned 12-9-92)
6960-7000' OH (sqzd w/ 150 sx cmt 6-30-58)

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

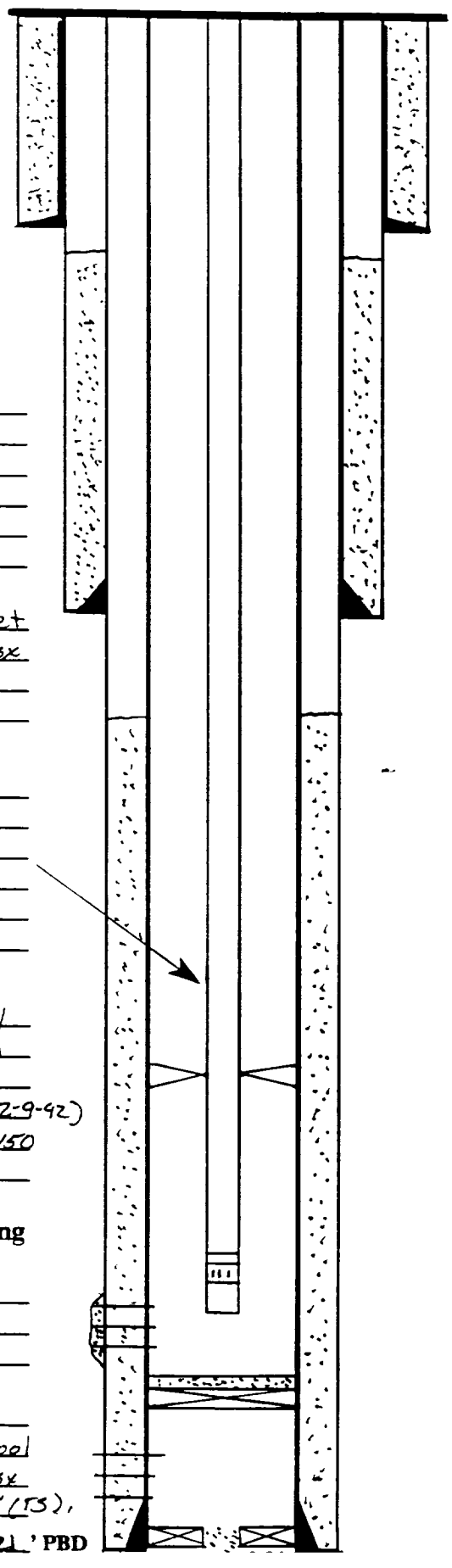
CIBP @ 6756' w/ 6 sx cmt on top. PBD= 6721. (12-9-92)

7" 23 lb N-80 (6960-5487) & 23 lb J-55 (5487-0'). DV Tool at 6094. Cement: 1st stage 905 sx 2nd stage 295 sx. TOC = 4057' (TS).

Baker Model 'D' pkr pushed to

7000' TD 6721' PBD

Proposed Wellbore Diagran



7000' TD 6721' PBD