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.
30-025-11720

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.
22

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 M : 660 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.)*
3079 DF

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 all pertinent dates, including estimated date of starting any proposed work)* SEE RULE 1103.

Propose to work over wellbore for South Justis Unit as follows:

1. Clean out to 6220 PBD.
2. Press test CIBP + cmt @ 6220 to 500#.
3. Run casing integrity test.
4. Add perforations and treat.
5. RIH w/CA.

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

SIGNATURE Ken W Gosnell TITLE Regulatory Coordinator DATE 8-17-93

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 AUG 19 1993

CONDITIONS FOR APPROVAL, IF ANY:

WORKOVER PROCEDURE

DATE:8/09/93

WELL & JOB: SJU "E" #22 - Clean out to PBD and bring into unit **DRILLED:** 1958

LAST WORKOVER: 2/24/88 - TA'd well **FIELD:** South Justis Unit **COUNTY:** Lea, NM

BY: B. G. Voigt **TD:** 7000' **PBD:** 6220' **DATUM:** 14' RKB-GL

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

CASING:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TOC
SURFACE:	13-3/8"	36 lb	unknown	497'	400 sx	circ
INTER:	9-5/8"	36 & 40 lb	N-80 & J-55	3269'	1500 sx	1650' (TS)
PROD:	7"	23 lb	N-80 & J-55	6828'	465 sx	3350' (TS)

LINER:	SIZE	WEIGHT	GRADE	TOP	BTM	TOC
	5-1/2"	15.5 lb	J-55	6730'	6996'	6730'

PERFORATIONS: Drinkard: 5886-594 (224 holes)
Fusselman: 6830-42', 6868-76', & 6890-6916' at 1 SPF (Abandoned 8-30-79)

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

PACKER AND MISC: CIBP at 6255' with 35' cement on top to abandon the Fusselman zone.
Fish: 7-1/2 jts 2-3/8" tbg and ASA set in Baker Model "D" packer at 6760'. TOF = 6527'.
Fish: Baker Model "D" packer (originally set in 7" casing) pushed to 7000'.

HISTORY AND BACKGROUND: This well was originally drilled as a Fusselman and Drinkard dual producer with the Fusselman being produced from the OH interval 6828-7000'. In 1965, a 5-1/2" liner was run from 6730-6996'. The Fusselman was perforated and the well continued as a Fusselman and Drinkard dual producer. In attempts to abandon the Fusselman in August of 1979, a fish was left in the hole at 6527-6760'. A CIBP was set at 6255' with 35' cement on top to abandon the Fusselman zone. The well remained a Drinkard producer until the well was TA'd in February of 1988. The reports show that the completion assembly was pulled and all valves at the surface were closed to TA the well.

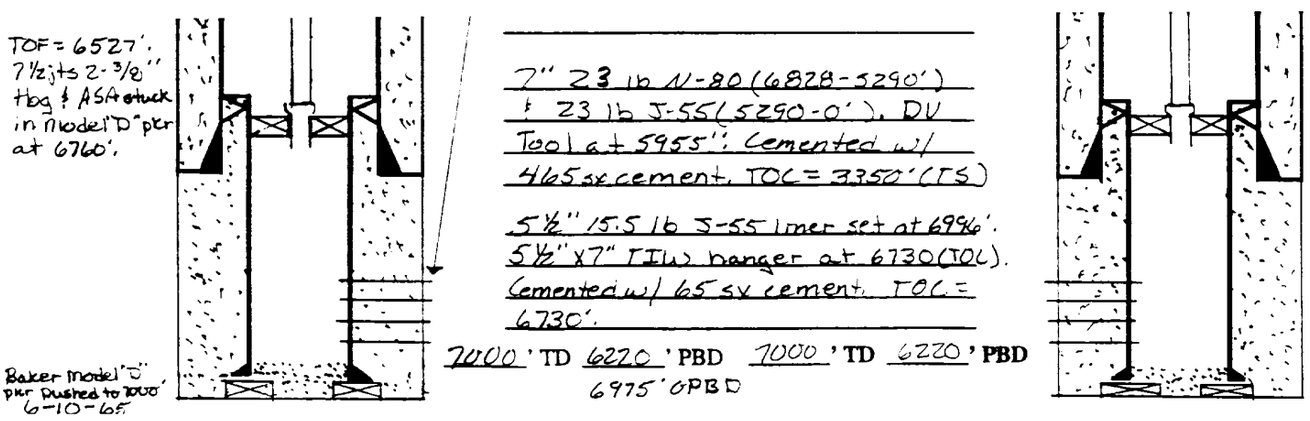
SCOPE OF WORK: Clean out to PBD and bring into unit

PROCEDURE

1. MIRU PU. Kill well if necessary. ND WLHD. NU BOP.
2. RIH with 6-1/4" bit and DC's on 2-7/8" WS and clean the well out to 6220' (PBD). Circulate hole clean and POOH.
3. RIH with Baker FBRC packer on 2-7/8" WS and set at 6050'. Test CIBP and cement plug at 6220' to 500 psi. PUH to 5800' and conduct casing integrity test to 500 psi down 7" x 2-7/8" annulus. Release packer and POOH.
4. Perforate and acidize per O/A Engineering design.
5. RIH with CA per F/P Engineering design. ND BOP. NU WLHD. RIH with pump and rods per F/P Engineering design.
6. RD PU. TOTPS.

Barry Voigt 8-10-93
Permian Team Drilling Engineer

JA 8/11/93
Permian Drilling Team Leader

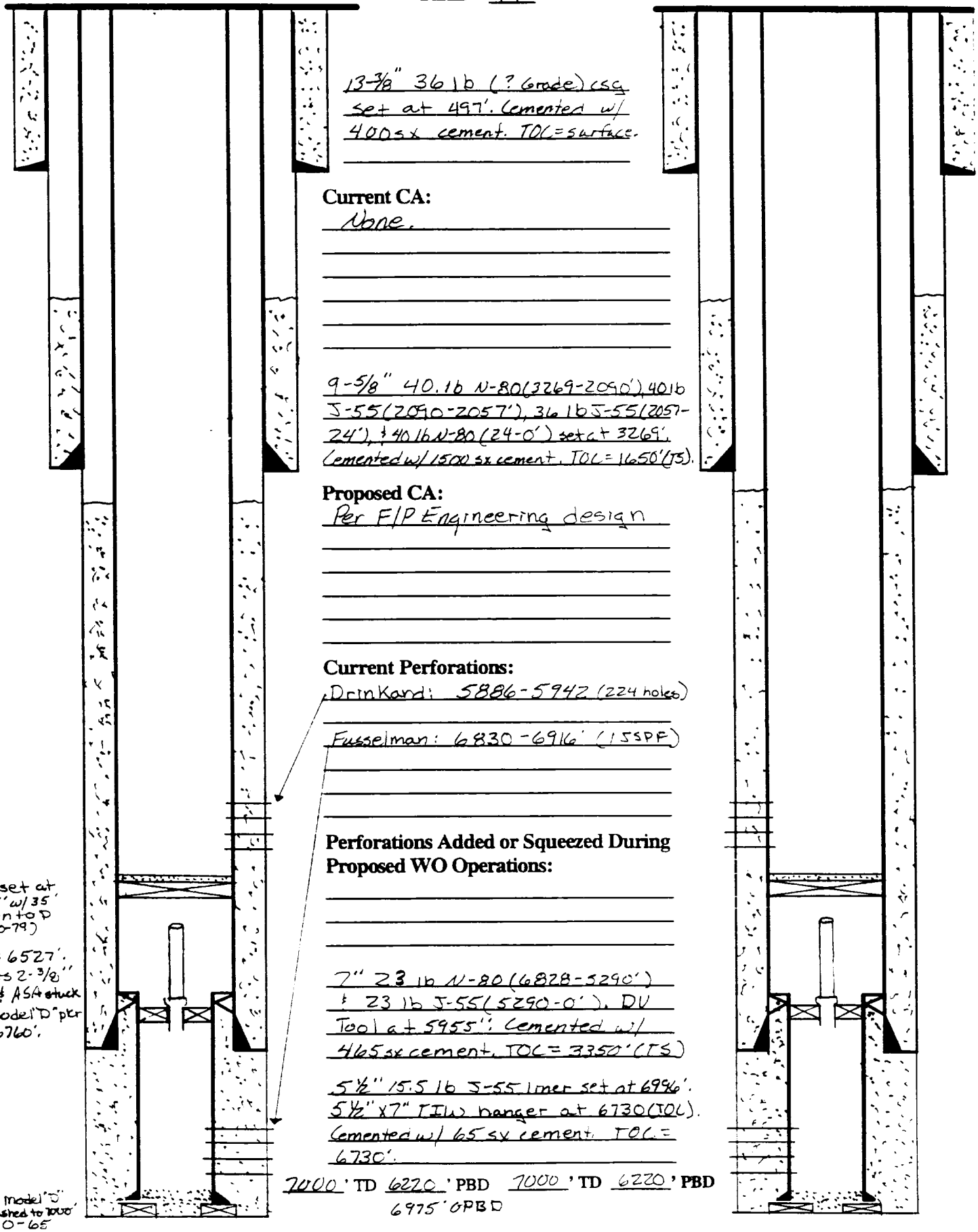


SJU "E" #22

Current Wellbore Diagram

RKB= 14 '

Proposed Wellbore Diagra



13-3/8" 36 lb (? Grade) csg set at 497'. Cemented w/ 400 sx cement. TOC = surface.

Current CA:

None.

9-5/8" 40.1b N-80 (3269-2090'), 40 lb J-55 (2090-2057'), 36 lb J-55 (2057-24'), & 40 lb N-80 (24-0') set at 3269'. Cemented w/ 1500 sx cement. TOC = 1650' (TS).

Proposed CA:

Per F/P Engineering design

Current Perforations:

DrinKard: 5886-5942 (224 holes)

Fusselman: 6830-6916' (1 SPF)

Perforations Added or Squeezed During Proposed WO Operations:

7" 23 lb N-80 (6828-5290') & 23 lb J-55 (5290-0'). DV Tool at 5955'. Cemented w/ 465 sx cement. TOC = 3350' (TS)

5½" 15.5 lb J-55 liner set at 6996'. 5½" x 7" TIW hanger at 6730' (TOL). Cemented w/ 65 sx cement. TOC = 6730'.

CIBP set at 6255' w/ 35' cmt on top (8-30-79)

TOF = 6527'. 7 ½ jts 2-3/8" tbg & ASA stuck in Model 'D' pkr at 6760'.

Baker Model 'J' pkr Pushed to 7000' 6-10-65

7000' TD 6220' PBD 6975' OPBD

7000' TD 6220' PBD