

**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.

30-025-12408

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

South Justis Unit "I"

8. Well No.

22

9. Pool Name or Wildcat

Justis Blbry-Tubb-Dkrd

**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)

1. Type of Well:

OIL

WELL ☒

GAS

WELL ☐

other

2. Name of Operator

ARCO OIL and GAS COMPANY

3. Address of Operator

P.O. Box 1610, Midland, Texas 79702

4. Well Location

Unit Letter M : 330 Feet From The South Line and 330 Feet from The West Line

Section 19

Township 25S

Range 38E

NMPM Lea

County

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

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) Workover wellbore for S. Justis Unit ☒

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

(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 workover wellbore for South Justis Unit as follows:

1. POH w/CA
2. Mill over & fish Baker "D" parallel string anchor, Baker model "D" pkr & MA assy at 5710.
3. Clean out to 5935 PBD.
4. Press test csg to 500#.
5. 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

Regulatory Coordinator

DATE

4-23-93

TYPE OR PRINT NAME

Ken W. Gosnell

TELEPHONE

(915) 688-5672

(This space for State Use)

Orig. Signed by  
Paul Kautz  
Geologist

APPROVED BY

TITLE

DATE

CONDITIONS FOR APPROVAL, IF ANY.

APR 28 1993

## WORKOVER PROCEDURE

DATE: 3/19/93

WELL & JOB: South Justis Unit "I" # 22

DRILLED: 7/60

LAST WORKOVER: 3/71 - DHC Both Zones

FIELD: Justis

COUNTY: Lea, NM.

BY: T. Day

TD: 5,970'

PBD: 5,935'

DATUM: RKB to GL = 12'

TUBINGHEAD: OCT

SIZE: 7 1/16" Flgd

PRESS RATING: 3000 psi WP

CASING:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TOC
SURFACE:	13 3/8"	48 #	H-40	945'	800	Circ
PROD:	7"	20 - 23 #	J-55	5,969'	1477	1560' (TS)

PERFORATIONS: Blinebry perms 5124 - 5706' and Tubb perms 5750' - 5915'

TUBING:	SIZE: 2 3/8"	WEIGHT: 4.7 #	GRADE: J-55	THREAD: EUE 8rd TDC
BTM'D @ 5,624'	JOINTS: 178	MISC: TAC @ 5585'; SN @ 5588'; PS: BP MA (2.91" OD)		


PACKER AND MISC: Baker Model "D" prod pkr @ 5710' (3.25" ID bore) w/ fish as follows: Baker Model "D" Parallel String Anchor (Size 87) (Tbg parted above anchor w/ TOF @ 5647'); 2 jts 2 3/8" EUE 8rd TDC tbg; Baker Model "E" ASA latched into Model "D" pkr @ 5710'; 4 jts 2 3/8" EUE 8rd TDC tbg; 2 3/8" SN @ 5838'; 3' Perf suf; and 31' BP MA btmd @ 5873'.  
ROD DETAIL: 2" x 1 1/4" x 16' RHBC pump; 124 - 5/8" rods; 96 - 3/4" rods; 2' - 6' x 3/4" pony rods.

HISTORY AND BACKGROUND: See attached wellbore schematic.

SCOPE OF WORK: Clean Out Wellbore to PBD 5,935' for use in South Justis Unit.

### PROCEDURE

1. \*File Sundry Notice w/ NMOCD (Hobbs) of intent to workover well.
2. MI RU PU. POH w/ rods & pump. ND THAF. NU BOP. POH w/ 2 3/8" prod tbg assy.
3. RIH w/ 6 1/8" x 4 5/8" KR shoe w/ 3 jts 5 1/2" washpipe millout assy; 4 - 4 3/4" DC's on 2 7/8" N-80 WS tbg. Circ hole w/ fresh water & spot bridging material (Magma-fiber; Ven-fiber; Temblock; etc...) across Blinebry perms to est circ. Mill over Baker Model "D" parallel string anchor @ 5647' and wash over fish to 5710'. Mill over Baker Model "D" pkr @ 5710' & attempt to wedge fish in washpipe. POH w/ shoe.
4. RIH w/ 5 7/8" OS w/ 4 5/8" grapple; 4 - 4 3/4" DC's on 2 7/8" WS tbg. Fish Model "D" parallel string anchor, Model "D" pkr body and tailpipe as needed. POH w/ OS. LD fish.
5. RIH w/ 6 1/8" MT bit; 4 - 4 3/4" DC's on 2 7/8" WS tbg. Clean out 7" csg to PBD 5935'. POH w/ bit.
6. RIH w/ 7" RBP on 2 7/8" WS tbg. Set RBP @ 5070'. Pressure 7" csg to 500 psi and run casing integrity test for 30 mins. POH w/ RBP LD WS tbg.
7. RIH w/ 2 3/8" prod tbg assy: Land btm of tbg @ 5900'; SN @ 5865'; TAC @ 5720'. NDBOP. NU THAF. RIH w/ pump & rods as per F/P Engr design. RD PU. TOTPS well.

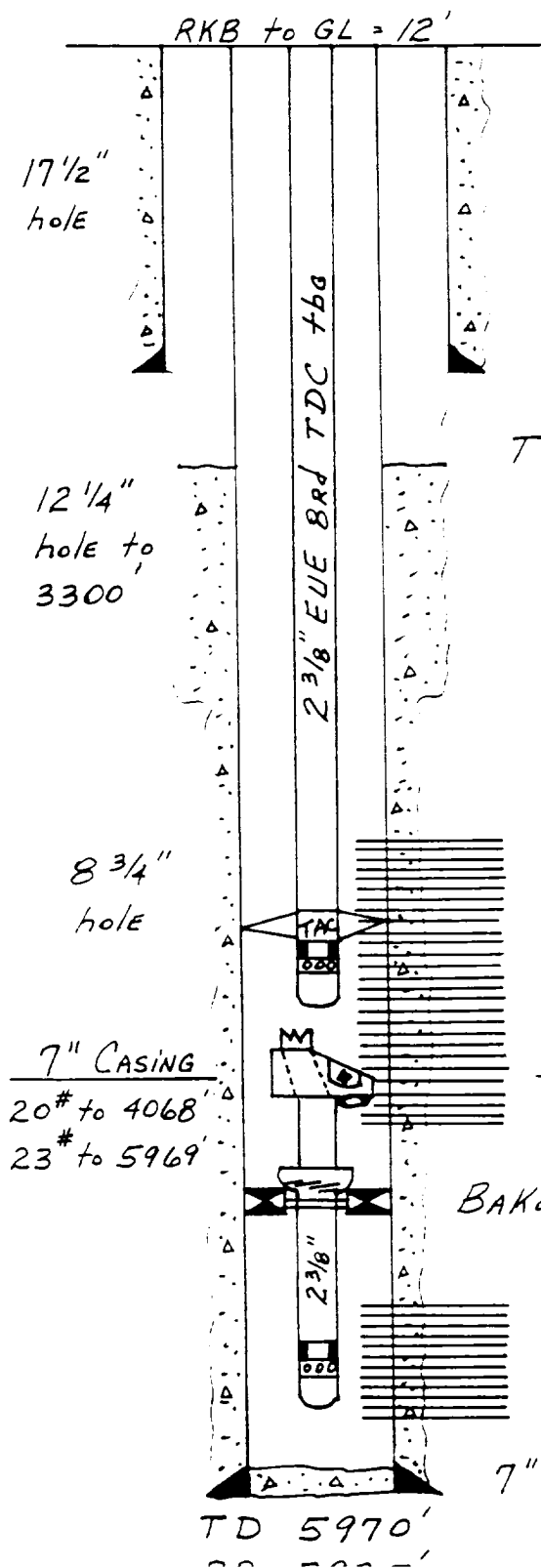
  
T. DAY

J. E. SHIELDS

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Page No. 1 Date 3/18/93  
T. DAY

### PRESENT STATUS



13 3/8" 48 # CSG @ 945' w/ 800 sx cmt Circ'd.

TOC behind 7" CSG @ 1560' by TS.

Blindry perf 5124-5706' (445 shots)

TOF @ 5647' (FISH: PARALLEL ANCHOR; 2 jts 2 3/8"  
EUE +bg; ASA; 4 jts 2 3/8" EUE +bg; SN; PS; Mr

BAKER Model "D" prod PKR @ 5710' (3.25" ID bore)

Tubb perf's 5750-5915' (196 shots)

7" 20-23# CSG @ 5969' w/ 1477 sx cmt.