

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires September 10, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. TYPE OF WELL <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	5. LEASE DESIGNATION AND SERIAL NO. NM-01995
2. NAME OF OPERATOR ARCO Oil & Gas Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS AND TELEPHONE NO. P.O. Box 1610, Midland, TX 79702 (915) 688-5672	7. IF UNIT OR CA, AGREEMENT DESIGNATION
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 1650 FSL & 2310 FWL (Unit Letter K) 14-25S-37E	8. WELL NAME AND NO. South Justis Unit "B" #17
	9. API WELL NO. 30-025-20150 ✓
	10. FIELD AND POOL, OR EXPLORATORY AREA Justis Blbry-Tubb-Dkrd
	11. COUNTY OR PARISH, STATE Lea

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT	<input type="checkbox"/> ABANDONMENT <input type="checkbox"/> CHANGE OF PLANS
<input type="checkbox"/> SUBSEQUENT REPORT	<input type="checkbox"/> RECOMPLETION <input type="checkbox"/> NEW CONSTRUCTION
<input type="checkbox"/> FINAL ABANDONMENT NOTICE	<input type="checkbox"/> PLUGGING BACK <input type="checkbox"/> NON-ROUTINE FRACTURING
	<input checked="" type="checkbox"/> CASING REPAIR <input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> ALTERING CASING <input type="checkbox"/> CONVERSION TO INJECTION
	<input type="checkbox"/> Other

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Propose to repair casing leaks as follows:

1. POH w/CA
2. Set CIBP at 5150.
3. Perf sqz holes at 5100.
4. Set CR at 5050 & sqz with volume determined by PIR.
5. Sqz holes in csg f/4153-4820.
6. DO CR & cmt. Press test.
7. DO CR at 5050 & cmt. Press test.
8. DO CIBP at 5150. CO to 5495 PBD.
9. RIH w/CA.

RECEIVED
APR 7 10 57 AM '93

14. I hereby certify that the foregoing is true and correct

SIGNED Ken W. Gosnell TITLE Regulatory Coordinator DATE 4-5-93

(This space for Federal or State office use)

(ORIG. SGD.) JOE G. LARA

REG. COORDINATOR

APPROVED BY _____ TITLE _____ DATE 4/23/93

CONDITIONS FOR APPROVAL, IF ANY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instructions on Reverse Side

WORKOVER PROCEDURE

DATE: 3/30/93

WELL & JOB: South Justis Unit "B" # 17

DRILLED: 6/63

LAST WORKOVER: 4/89 - Acdz Blinebry

FIELD: Justis

COUNTY: Lea, NM.

BY: T. Day

TD: 5,610'

PBD: 5,495'

DATUM: RKB to GL = 11'

TUBINGHEAD:

SIZE: 7 1/16" Flgd

PRESS RATING: 3000 psi WP

CASING:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TOC
SURFACE:	9 5/8"	36 #	J-55	938'	318	Circ
PROD:	4 1/2"	9.5 #	J-55	5,610'	780	595' (TS)

PERFORATIONS: Blinebry perfs 5203 - 5481'

TUBING: SIZE: 2 7/8"

WEIGHT: 6.5 #

GRADE: J-55

THREAD: EUE 8rd

BTM'D @ 5,465'

JOINTS: 179

MISC: 2 3/8" SN @ 5464; TAC @ 4024'

PACKER AND MISC: ROD DETAIL: 2" x 1 1/2" x 16' RHBC pump; 140 - 3/4" rods; 78 - 7/8" rods; 4' - 7/8" pony rod.

HISTORY AND BACKGROUND: See attached wellbore schematic. CICR @ 5563' to sqz 4 1/2" shoe jt w/ 100 sx cmt. CICR @ 5500' w/ 5' cmt on top (PBD 5,495'). Frac job on upper Blinebry perfs 5182 - 5364' channeled up to Paddock zone @ 5045' due to poor primary cmt job (6/69). Blinebry perfs 5182 - 5185' were sqzd w/ 150 sx cmt to eliminate channel (10/74). Isolated 4 1/2" csg leaks f/ 4153 - 4820' and sqzd w/ 800 sx cmt (10/74). These csg leaks failed pressure tests and swab tested 18 BWPH w/ a constant FL of 2800'. The well has been pumped under a pkr until 6/91 when the pkr was pulled.

SCOPE OF WORK: SQZ CASING LEAKS TO SHUT OF WATER

PROCEDURE

1. *File Sundry Notice w/ BLM (Hobbs) of intent to workover well.
2. MI RU PU. POH w/ rods & pump. ND THAF. NU BOP. POH LD 2 7/8" prod tbg assy.
3. RU WL. RIH w/ 4 1/2" CIBP & set @ 5150'. Perf 4 1/2" csg w/ 4 shots @ 5100'. RD WL.
4. RIH w/ 4 1/2" trtg pkr on 2 3/8" J-55 WS tbg. Set pkr @ 5120'. Test CIBP @ 5150' to 1000 psi. Reset pkr @ 5050'. Est PIR into sqz perfs @ 5100' (Chk annulus f/ comm). POH w/ pkr.
5. RIH w/ 4 1/2" CICR on 2 3/8" WS tbg. Set CICR @ 5050'. Sqz perfs @ 5100' w/ CI "C" cmt (Vol & additives to be based on PIR and pressure) to isolate channel to Paddock. POH w/ stinger.
6. RIH w/ 4 1/2" trtg pkr on 2 3/8" WS tbg. Isolate holes in 4 1/2" csg (Old holes f/ 4153 - 4820'). Set pkr @ 3900'. Test 4 1/2" csg to 500 psi. Est PIR into csg leaks. Sqz 4 1/2" csg leaks w/ CI "C" cmt (Vol & additives to be based on sqz interval, PIR, and pressure). POH w/ pkr. WOC.
7. RIH w/ 3 7/8" MT bit; 10 - 2 7/8" DC's on 2 3/8" WS tbg. DO cmt thru sqzd csg leaks to 5050'. Test 4 1/2" csg to 500 psi. DO CICR @ 5050' & cmt thru sqz holes to 5150'. Pressure 4 1/2" csg to 500 psi and run casing integrity test for 30 mins. DO CIBP @ 5150' and clean out 4 1/2" csg to PBD 5495'. POH w/ bit LD DC's.
8. RIH w/ 2 3/8" prod tbg assy: Land btm of tbg @ 5460'; SN @ 5425'. ND BOP. NU THAF. RIH w/ pump & rods as per F/P Engr design (7/8" rods to have SH cplgs). RD PU. TOTPS well.

T. Day

JA 4/1/93

General Purpose Worksheet

Subject: South Justis Unit "B" #17 Page No. 1 of 1
 Justis Field Date 3/30/93
 By: T. Day

PRESENT STATUS

