

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. LC-032579
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) 660 FSL & 1980 FEL (Unit Letter O) 23-25S-37E	8. WELL NAME AND NO. South Justis Unit "C" #22
	9. API WELL NO. 30-025-22906
	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"/> SUBSEQUENT REPORT	<input type="checkbox"/> RECOMPLETION
<input type="checkbox"/> FINAL ABANDONMENT NOTICE	<input type="checkbox"/> PLUGGING BACK
	<input checked="" type="checkbox"/> CASING REPAIR
	<input type="checkbox"/> ALTERING CASING
	<input type="checkbox"/> Other
	<input type="checkbox"/> CHANGE OF PLANS
	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> NON-ROUTINE FRACTURING
	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> CONVERSION TO INJECTION

(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 leak as follows:

1. Swage out tight spot f/3863-3935.
2. Set CIBP at 5000.
3. Isolate holes in csg and sqz.
4. WOC. DO CR & cmt & press test.
5. DO CIBP.

RECEIVED
MAR 31 10 17 AM '93
OFFICE OF THE
REGULATORY
COORDINATOR

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

SIGNED Ken W. Sosnell TITLE Regulatory Coordinator DATE 3-29-93

(This space for Federal or State office use)

APPROVED BY (CINC. SQD) JOE G. LARA TITLE APPROVING ENGINEER DATE 5/3/93
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.

WORKOVER PROCEDURE

DATE: 12-10-92

WELL & JOB: El Paso Federal #1 - Pressure test CSG and squeeze if necessary

DRILLED: 1959

LAST WORKOVER: POH w/ CA

FIELD: Justis

COUNTY: Lea Co., NM

BY: D. C. Bretches

TD: 7361'

PBD: 6008'

DATUM: RKB (12')

CASING:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TOC
SURFACE:	8-5/8"	Unknown	Unknown	1171'	430	Surf (Circ)
PROD:	5-1/2"	Unknown	Unknown	6130'	350	3740' (Calc)

PERFORATIONS: Tubb Drinkard 5826-6033' (Squeezed w/ unknown volume of cmt). Blinbry 5100-5680'.

TUBING: SIZE: NA WEIGHT: GRADE: THREAD:


HISTORY AND BACKGROUND: The El Paso Federal #1 is a shut in Blinbry producer in Lea County, New Mexico owned by American Exploration Co. The former rod pumping producer was stripped of rods and tubing in July, 1991. During a workover in September, 1990, leak in the 5-1/2" production casing was noted from 3873-3931'. A RBP was set above the producing interval and the casing leak was squeezed w/ 200 sx. The casing was pressure tested to 750 psi after the squeeze indicating a successful squeeze. However, when trying to retrieve the RBP, a tight spot was noted f/ 3863-3935'. Swage assemblies were run repeatedly through the interval. Although the swage assemblies could be worked through the tight spot, the RBP could not be pulled through it. The RBP was pushed down the hole to 6008' into the squeezed Tubb/Drinkard perfs. The well was acidized and returned to production until July, 1991 at which point the completion assembly was pulled from the well. The well is currently shut in with no tubing in place. It should be noted that the well had to be pulled repeatedly due to rod parts and tubing leaks after being turned to production in December, 1990 up until the time the CA was pulled in July, 1991.

SCOPE OF WORK: 1) Pressure test 5-1/2" Production Casing as per South Justis Unit Operating Agreement and squeeze as required

PROCEDURE

1. MIRU PU. Check 5-1/2" CSG for pressure. Bleed off pressure. Kill well w/ FW if necessary. ND KTH Attachment. NU 3000 psi BOPE.
2. PU and RIH w/ 4-3/4" swage, bumper sub, jars, and six (6) 3-1/2" DC's on 2-7/8" N80 WS. Work through tight spot f/ 3863-3935' with swage assembly. RIH to $\pm 5750'$. TOH w/ swage assembly.
3. RIH w/ Baker Model 'T' CIBP (Max OD = 4.312) on 2-7/8" WS and set @ $\pm 5000'$. Circ hole w/ FW. Pressure test 5-1/2" CSG to 500 psi. POH w/ setting tool. If 500 psi pressure test is obtained, proceed to Step #7. If 500 psi pressure test is not obtained, proceed to next step.
4. PU and RIH w/ Ret PKR on 2-7/8" WS and set @ $\pm 3800'$. Pressure test 5-1/2" CSG below PKR and note any pressure loss. Estab injection rate and pressure. Pressure test 5-1/2" x 2-7/8" annulus. If pressure loss is noted in TBG/CSG annulus, PUH and isolate leak(s). POH w/ PKR.
5. PU and RIH w/ 5-1/2" CICR on 2-7/8" WS and set above CSG leak. RU Western and squeeze CSG leak as per injection rate and pressure established in Step #4.
6. PU and RIH w/ 4-3/4" bit and six (6) 3-1/2" DC's on 2-7/8" N80 WS. Drill out cement and RIH to top of CIBP @ 5000'. Pressure test 5-1/2" CSG to 500 psi. If CSG holds pressure, circ hole clean. If CSG does not hold pressure, prepare to resqueeze.
7. Drill out CIBP @ 5000'. RIH w/ bit to $\pm 5750'$. TOH laying down WS and DC's.
8. ND BOPE. NU KTH Attachment. RD PU. Clean location. TOTPS.


D. C. Bretches


J. E. Shields

El Paso Federal #1

SUBJECT: PRESENT STATUS

December 14, 1992

BY: D.C. BRETCHES

