N. M. OIL CONS. COMMISSION
P. O. BOX 1980
HOBBS, NEW MEXICO 88240

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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

5. Lease Designation and Serial No.: NM-05254
6. If Indian, Allottee or Tribe Name:
7. If Unit or CA, Agreement Designation:

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other
8. Well Name and No.: South Justis Unit "C" #24
2. Name of Operator: ARCO Oil & Gas Company
9. API Well No.: 30-025-20967
3. Address and Telephone No.: P.O. Box 1610, Midland, Tx 79702 915 688-5672
10. Field and Pool, or Exploratory Area: Justis Blbry-Tubb-Dkrd
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 1750 FNL & 1650 FEL (Unit Letter G) 26-25S-37E
11. County or Parish, State: Lea

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other WO wellbore for South Justis Unit	[ ] Dispose Water
		(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 work over wellbore for South Justis Unit as follows:

1. POH w/ CA
2. clean out to 5820 PBD.
3. Run casing integrity test
4. Add perforations and stimulate.
5. RIH w/ CA

RECEIVED
AUG 16 9 39 AM '93
CARLSBAD, NEW MEXICO AREA OFFICE

14. I hereby certify that the foregoing is true and correct
Signed Ken W Gosnell Title Regulatory Coordinator Date 8-13-93

(This space for Federal or State office use)
Approved by [illegible] Title [illegible] Date 10-1-93
Conditions of 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 Instruction on Reverse Side

WORKOVER PROCEDURE

DATE:6/03/93

WELL & JOB: SJU "C" #24 **DRILLED:** 1964

LAST WORKOVER: 1/6/92 - Replace bad joint of tubing **FIELD:** South Justis Unit **COUNTY:** Lea, NM

BY: B. G. Voigt **TD:** 5830' **PBD:** 5745' (RBP) **DATUM:** 10' RKB

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

CASING:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TOC
SURFACE:	9-5/8"	36 lb	J-55	890'	500 sx	circ.
INTER:						
PROD:	7"	20 & 23 lb	J-55	5830'	1190 sx	2290' (TS)

LINER:	SIZE	WEIGHT	GRADE	TOP	BTM	TO

PERFORATIONS: Paddock: 4987-5042 **(Squeezed w/ 150 sx cmt 3-19-70)**
Blinebry: 5109, 25, 39, 5244, 82, 95, 5379, 5413, 45, 50, 75, 85, 5507, 13, 37, 47, 72, 5605, 11, 5669, 91'

TUBING: **SIZE:** 2-3/8" **WEIGHT:** 4.7 lb **GRADE:** J-55 **THREAD:** EUE 8rd
BTM'D @ 5393' **JOINTS:** 174 **MISC:** MA, perf sub, SN. SN at 5360'

PACKER AND MISC: Fish: Baker RBP (most likely Model "C") at 5745'. The RBP was pushed to this depth with a sand pump in March of 1970.

HISTORY AND BACKGROUND: This well was originally drilled as a Paddock/Blinebry producer in October of 1964. Both zones were acidized and fraced. In March of 1970, the Paddock perforations were squeezed. On 3-19-70, the Blinebry was fraced again; and while cleaning out the sand, a Baker RBP was pushed to 5745' with a sand pump. The well is currently producing from the Blinebry.

SCOPE OF WORK: Clean well out to 5820'. Add perforations and Treat.

PROCEDURE

1. MIRU PU. POOH with rods and pump. ND WLHD. NU BOP. POOH with completion assembly.

2. RIH with 6-1/4" MT bit & DC's on 2-7/8" WS to top of Blinebry perforations at 5109'. Break circulation with bridging material. Continue in hole and clean out to top of RBP at 5745'. Circulate hole clean and POOH.

3. RIH with Baker Model "H" retrieving head on 2-7/8" WS and attempt to recover RBP.

   a. If successful, RIH with 6-1/4" MT bit and DC's on 2-7/8" WS and clean well out to original PBD of 5820'. Circulate hole clean and POOH. Continue with step 4.

   b. If unsuccessful, RIH with 6-1/4" x 5" cut-rite shoe and washover assembly on 2-7/8" WS and cut over RBP. Attempt to jam fish in washpipe. Clean well out to original PBD of 5820'. POOH with fish.

4. RIH with Baker Model "G" RBP on 2-7/8" WS to 5070' and set RBP. Conduct casing integrity test to 500 psi. Retrieve RBP and POOH.

   NOTE: When conducting casing integrity test, the RBP will be set below the squeezed Paddock perfs; therefore, leakoff may be caused by the Paddock perforations.

→ Add Perforations and stimulate,

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

6. RD PU. TOTPS.

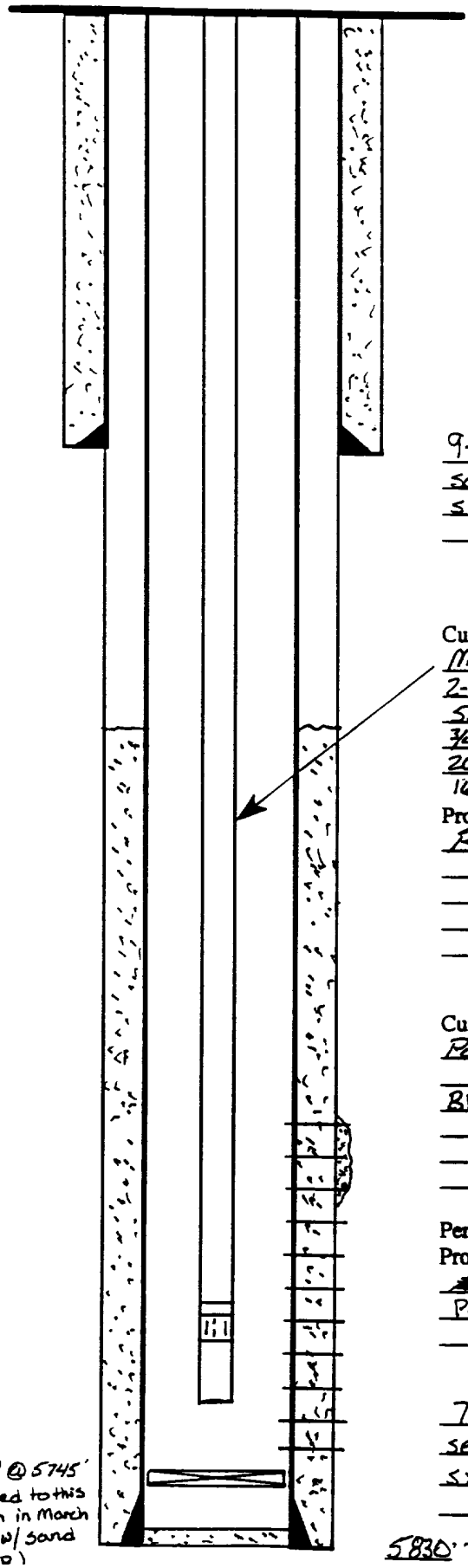
Bunny Voigt 6-30-93
Permian Team Drilling Engineer

7/1/93
Permian Drilling Team Leader

SSU "C" #24

Current Wellbore Diagram

RKB= 10'



RBP @ 5745' (Pushed to this depth in March 1970 w/ sand pump)

9-5/8" 36lb J-55 csg. set @ 890'. Cmtd. w/ 300 sx cmt. TOC = surface

Current CA:
MA, perf. sub, SN, 174 jts 2-3/8" tbg, btmd @ 5393. SN @ 5360'. 2"x 1¼" x 12' RHBC pump w/ GA, ¾"x2' rod sub, 2-¾" rods w/ guides, 206-¾" rods, ¾" x 2' rod sub, 1¼" x 16' PR w/ 8' Liner.

Proposed CA:
Per E/P Engineering.

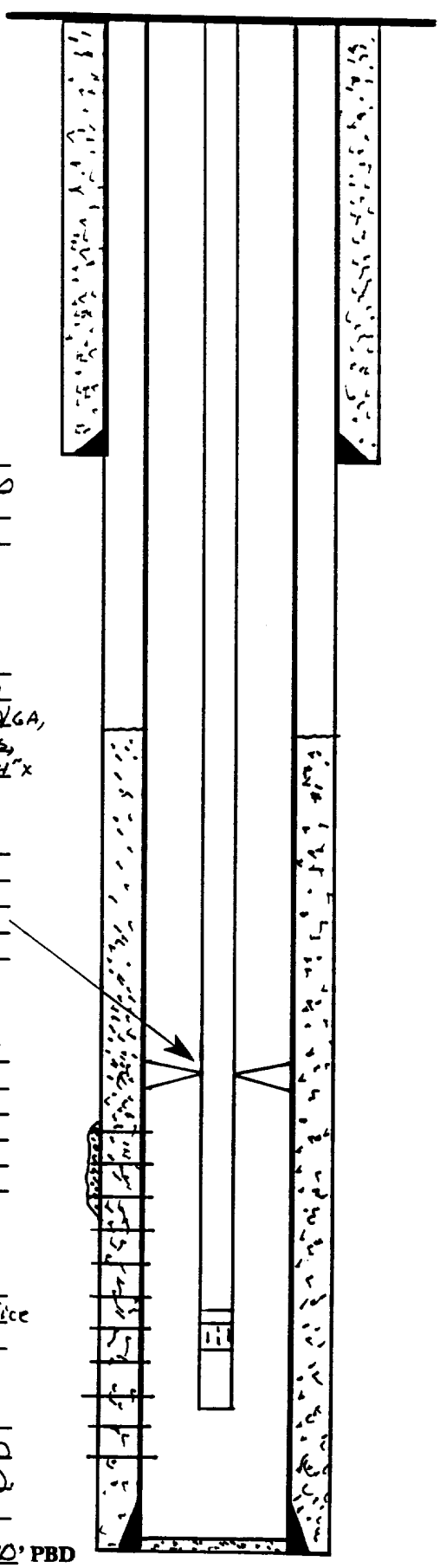
Current Perforations:
Paddock: 4987-5042 (sqzd w/ 150 sx cmt 3-19-70)
Blinebry: 5709-5691'

Perforations Added or Squeezed During Proposed WO Operations:
~~None~~.
Perf added as per D. Prentice

7" 20 & 23 lb J-55 csg. set @ 5830. Cmtd. w/ 1190 sx cmt. TOC = 2290' (TS).

5830' TD 5745' PBD

Proposed Wellbore Diagrar



5830' TD 5820' PBD