

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

5. Lease Designation and Serial No.
LC-060944

6. If Indian, Allottee or Tribe Name

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

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ARCO Oil & Gas Company

3. Address and Telephone No.

P. O. Box 1610, Midland, Texas 79702-1610 915 688-5672

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2310 FNL & 1650 FEL (Unit Letter G)

14-25S-37E

8. Well Name and No.

South Justis Unit "C" #16

9. API Well No.

30-025-20032

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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other

Workover wellbore for

South Justis Unit

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ 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 workover wellbore as follows:

1. POH w/CA
2. Drill out fill & cmt to 5650' (total depth)
3. Drill new formation from 5650-6100' (new total depth)
4. Add Blinebry-Tubb-Drinkard perms
5. Acidize in two stages
6. RIH w/CA

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

Signed

Ken G. Gosnell

Title

Agent

Date

5-25-94

(This space for Federal or State office use)

(ORIG. SGD.) JOE G. LARA

Approved by

Conditions of approval, if any:

Title

PETROLEUM ENGINEER

Date

6/21/94

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: May 9, 1994

WELL & JOB: SJU C-16 - Deepen and add perfs

DRILLED: 1963

LAST WORKOVER: 9/78 Cleaned out fill to 5513'

FIELD: South Justus

COUNTY: Lea County, New Mexico

BY: D. C. Bretches

TD: 5650'

PBD: 5513'

DATUM: 10' RKB

	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>SET @</u>	<u>SX CMT</u>	<u>TOC</u>
CASING:	8-5/8	24.0#	K-55	930'	520	Surface
SURFACE:	4-1/2"	9.5/11.6#	K-55	5650'	830	1200' (TS)
PROD:						

PERFORATIONS: Blinebry 5128-5466'

TUBING: SIZE: 2-3/8" WEIGHT: 4.7 GRADE: J-55 THREAD: EUE AB Mod JOINTS: 183 BTM'D @ 5491

HISTORY AND BACKGROUND: This well was drilled and completed in 1963 as a Blinebry producer. Additional Blinebry perforations were added in 1969. During a workover in 1978, hard fill was encountered at 5371', covering some of the Blinebry perfs. The fill was drilled out to 5513 where the bit plugged. No further attempts were made to drill deeper since the existing perforations were uncovered.


SCOPE OF WORK: Pull completion assembly, deepen well to 6100', add perforations to Blinebry interval, acidize open hole and new perforations, and rerun completion assembly.

PROCEDURE

*Prior to MIRU, shoot fluid level of well to determine proper pump spacing for Adaptable Tool.

1. MIRU PU. Pull rods and pump. ND THAF. NU BOPE. POH w/ 183 jts 2-3/8" 4.7# J-55 TBG, SN, Perf nipple, and 1 jt 2-3/8" TBG w/ BP.
2. PU and RIH w/ 3-7/8" drag bit, Adaptable Tool, and 3-1/8" DC's on 2-3/8" N-80 WS to $\pm 5513'$ (Expected PBD). RU power swivel and while pumping 1/4 BPM gelled BW (Vis @ ± 30 sec/qt), drill out fill f/ 5513 to 5650' (TD). Drill new formation with same tool f/ 5650-6100'. POH laying down Adaptable Tool and DC's.
3. RU Wedge WL. Perforate 4-1/2" CSG w/ 3-1/8" select fire gun 1 SPF @ 5536, 5546, 5564, 5566, 5586, 5595, and 5602'. RD WL.
4. PU and RIH w/ Ret PKR on 2-3/8" WS. Treat Tubb/Drinkard open hole as per pending treatment procedure. Rlse PKR and TOH. TIH w/ RBP and PKR. Treat Blinebry perfs as per pending treatment procedure. Rlse PKR and RBP. TOH and lay down WS.
5. RIH w/ 2-3/8" CA, rods, and pump as per Production Dept. recommendation. RD PU. Clean location. TOTPS


D. C. Bretches


J. E. Shields

WELLBORE SCHEMATIC

RKB = 10'

12-1/4" hole.
8-5/8" casing @ 930'.
Set w/520 sxs cmt. Circ.
8 5/8" 24 # K-55

South Justis Unit C #16

(ARCO Langlie 'A' Federal #2)

2310' FNL & 1650' FEL (G)

Sec. 14, T-25S, R-37E, Lea Co., NM

KB 3122'

Spudded 02/16/63

Completed 03/16/63

TOC @ 1200' by TS.

Blindbry perms @ 5128' to 5466'.

Hard Fill @ 5513'

7-7/8" hole.
4-1/2" csg @ 5650' w/630 sxs cmt.

PBD @ 5615'.
TD @ 5650'.