

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA. Agreement Designation
2. Name of Operator ARCO Oil & Gas Company	8. Well Name and No. South Justis Unit "D" #16
3. Address and Telephone No. P O Box 1610, Midland, TX 79702 915 688-5674	9. API Well No. 30-025-11585
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2310 FNL & 330 FEL (Unit Letter H) Sec 14-25S-37E	10. Field and Pool, or Exploratory Area Justis Blbry-Tubb-Dkrd
	11. County or Parish, State Lea County, NM

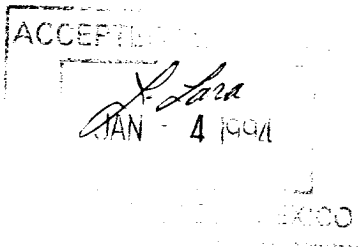
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Work over wellbore for South Justis Unit
	<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
	<input type="checkbox"/> 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.)*

10-09-93. RUPU. POH w/CA. Mill over Mod "D" pkr @ 5763 & fish w/full recovery. CO fill to 6023 PBD. Press test csg f/4990-surf to 500# for 30 min. Add perforations f/5606-5770 (16 holes). Acidize Blinebry-Tubb-Drinkard perms 5098-5957 in three stages w/9200 gals. RIH w/CA: 2-3/8 tbq, rods & pump to 5900. RDPD 10-19-93.



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

Signed Jahany Shields Title Drilling Team Leader Date 11-02-93
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N. M. OIL CONSERVATION COMMISSION
P. O. BOX 196
HOBBS, NEW MEXICO 88241

FORM APPROVED

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

LEASE DESIGNATION AND SERIAL NO.
LC-060944

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

☒ OIL
WELL

☐ GAS
WELL

☐ OTHER

2. NAME OF OPERATOR

ARCO Oil & Gas Company

3. ADDRESS AND TELEPHONE NO.

P.O. Box 1610, Midland, TX 79702

(915) 688-5672

4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description)

2310 FNL & 330 FEL (Unit Letter H)
14-25S-37E

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. IF UNIT OR CA, AGREEMENT DESIGNATION

8. WELL NAME AND NO.

South Justis Unit "D" #16

9. API WELL NO.

30-025-11585

10. FIELD AND POOL, OR EXPLORATORY AREA

Justis Blbry-Tubb-Dkrd

11. COUNTY OR PARISH, STATE

Lea

12.

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

☐ CHANGE OF PLANS

☐ NEW CONSTRUCTION

☐ NON-ROUTINE FRACTURING

☐ WATER SHUT-OFF

☐ CONVERSION TO INJECTION

Workover wellbore for South Justis Unit

(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 well bore for South Justis Unit as follows:

1. POH w/CA.
2. CO fill & cmt f/5577-5763.
3. Cut over & fish Model "D" pkr @ 5763.
4. CO to 6023 PBD.
5. Run csg integrity test.
6. Add perforations and stimulate.
7. RIH w/CA.

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

SIGNED

Ken W. Gosnell

TITLE

AGENT

DATE

9-2-93

(This space for Federal or State office use)

APPROVED BY

(ORIG SCD) JOE G. LAPA

TITLE

PETROLEUM ENGINEER

DATE

9/23/93

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.

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OLD NEEDS
OFFICE

WORKOVER PROCEDURE

DATE: 6/18/93

WELL & JOB: SJU "D" #16 - Clean out to 6023' and bring into unit

DRILLED: 10/59

LAST WORKOVER: 8/21/87 - Replace pump

FIELD: South Justis Unit

COUNTY: Lea, NM

BY: B. G. Voigt

TD: 6040'

PBD: 5577'

DATUM: 14' KB

TUBINGHEAD: ?

SIZE:

PRESS RATING:

CASING:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TOC
SURFACE:	9-5/8"	32.0 lb	H-40	895'	390 sx	circ
INTER:						
PROD:	7"	20-23 lb	J-55	6038'	577 sx	1525' (TS)
LINER:	SIZE	WEIGHT	GRADE	TOP	BTM	TO

PERFORATIONS: Blinebry: 5098-5223' (16 holes), 5259-5326' (7 holes), 5339-5345' (4 JSPF), 5420-32 (4 JSPF), 5476-98' (4 JSPF), 5537-66' (6 holes)
Tubb/Drinkard: 5796-5848' (4 JSPF), 5868-77' (4 JSPF), 5895-5957 (4 JSPF)
(Abandoned 9-22-68 by setting DR plug in Model "D" pkr at 5763' and dumping cmt on top)

TUBING: SIZE: 2-3/8" WEIGHT: 4.7 lb GRADE: J-55 THREAD: EUE 8rd
BTM'D @ 5531' JOINTS: 176 MISC: MA, perf sub, SN. SN at 5498'

PACKER AND MISC:

HISTORY AND BACKGROUND: This well was originally drilled as a Blinebry & Tubb/Drinkard producer in October of 1959. All perforated intervals have been acidized and fraced. In September of 1968, the Tubb/Drikard perforations were abandoned by setting a "DR" plug in the Baker Model "D" packer at 5763' and dumping 17 sx of cement on top of the packer. Currently the well is a producer in the Blinebry.

SCOPE OF WORK: Clean well out to fish, cut over and retrieve fish, & clean out to original PBD or 6023'

PROCEDURE

1. MIRU PU. POOH w/ rods and pump. ND WLHD. NU BOP. POOH with completion assembly.
2. RIH with 6-1/4" MT bit, DC's, and 2-7/8" WS to top of Blinebry perforations at 5098'. Break circulation using bridging material. Continue in hole and tag fill at 5577'. Clean out fill to top of fish at 5763'. Circulate hole clean and POOH.
3. RIH with 6-1/4" x 4-7/8" KR shoe and washover assembly on 2-7/8" WS. Cut over Baker Model "D" packer and clean well out to original PBD of 6023'. Attempt to jam fish in washpipe. POOH with fish.
4. RIH with Baker Model "G" RBP and set at 5000'. Conduct casing integrity test to 500 psi. Relatch RBP, release, and POOH.
- 5. Add perforations and stimulate.
RIH with completion assembly (MA, perf sub, SN, TAC, and tubing) per F/P Engineering design. ND BOP. NU WLHD. RIH with pump and rods per F/P Engineering design.
6. RD PU. TOTPS.

Burton Voigt 6-18-93
Permian Team Drilling Engineer

JA 6-30-93
Permian Drilling Team Leader

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ODD BODDS
OFFICE

SSU "D" #16

Current Wellbore Diagram

RKB=14'

Proposed Wellbore Diagram

9-5/8" 32.016 H-40 csg set
@ 895' cmtd w/ 390 SX
cmt. TOC = surface

Current CA:

MA, perf sub, SN, 176jts
2-3/8" EUE Bnd S-55 tbg, btmnd
@ 5531.5N @ 5498'
2 x 1 1/4" x 8 x 12 RHBCL pump w/ 6A,
2' x 3/4" rod sub, 139 9/8" rods, 80 3/4" rods,
4' x 3/4" rod sub, 1 1/4" x 22' PR w/ 10' liner.

Proposed CA:

Per F/P Engineering

Current Perforations:

Blmeby: 5098-5566'
Tubb/Drnkord: 5796-5957'
(Abandoned 9-22-68)

Perforations Added or Squeezed During Proposed WO Operations:

None
As per D. Prentice

7" 20 1/2 23 lb csg set @ 6038'
cmtd w/ 577 SX cmt.
TOC = 1525' (TS).

6040' TD 5571' PBD 6040' TD 6023' PBD

2 1/2" Free Sand 5571-5646'
cmt 5646-5763'
3 wker Model D
DKR @ 5763' w/
DR plug.

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