

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

Submit 3 Copies
to Appropriate
District Office

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO
30-025-11902

Indicate Type of Lease
STATE ☒ FEE ☐

State Well & Gas Lease No

B-229

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
FORM C-101 FOR SUCH PROPOSALS)

Type of Well
OIL ☐ GAS ☐
WELL ☒ WELL ☐ Other ☐

Name of Operator
ARCO OIL and GAS COMPANY

Address of Operator
P.O. Box 1610, Midland, Texas 79702

Well Location

South Justis Unit "H"

Well No.
27

Well Name or Wildcat
Justis Blbry-Tubb-Dkrd

Unit Letter A 660 Feet From The North Line and 560 Feet from The East Line

Section 36 Township 25S Range 37E NMPM Lea County

10. Elevation (Show whether DF, AKB, RT, GR, etc.)

3045 GR

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐

(Other) ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐

(Other) ☐

11. Describe Proposed or completed Operation Clearly state dispermitt dates, including estimated date of starting any proposed
work (SEE RULE 1103).

11-8-93. RUPU. POH w/CA. CO fill & junk f/5403-5598. Drill out CIBP @ 5600.
Mill over WA pkr @ 5700 & push to 5795. Mill over WA pkr. POH. Rec
2-3/8 tbq & WA pkr. Mill over WA pkr @ 5863. Fell free to 6000.
Press test csg f/5002-surf to 500#. Added select perforations.
Acidized Blinbry-Tubb-Drinkard perfs 5015-5939 w/17,500 gals. RIH
w/CA: 2-3/8 tbq, rods & pump to 5965. RDPU 11-26-93.

I hereby certify that the information above is true and complete to the best of my knowledge and belief

SIGNATURE Ken W. Gosnell TITLE Agent DATE 12-22-93

TYPE OR PRINT NAME Ken W. Gosnell TELEPHONE 915 688-5672

This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

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OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2008

WELL API NO.

30-025-11902

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

B-229

7. Lease Name or Unit Agreement Name

South Justis Unit "H"

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well
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WELL ☒ other ☐

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ARCO OIL and GAS COMPANY

3. Address of Operator
P.O. Box 1610, Midland, Texas 79702

8. Well No.

27

9. Pool Name or Wildcat

Justis Blbry-Tubb-Dkrd

4. Well Location

Unit Letter A : 660 Feet From The North Line and 560 Feet from The East Line

Section 36 Township 25S Range 37E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3045 GR

11. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
(Other) ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
(Other) ☐

12. Describe Proposed or completed Operation Clearly state all pertinent dates, including estimated date of starting any proposed work: SEE RULE 1103.

Propose to workover wellbore for South Justis Unit as follows:

1. POH w/CA.
2. DO junk CIBP, cmt & CIBP @ 5600.
3. Wash over cut off tbg, mill over "WA" pkr @ 5700 and fish.
4. Mill over "WA" pkr @ 5861 & fish.
5. CO to 6000.
6. Run csg integrity test.
7. Add perforations and stimulate.
8. RIH w/CA.

I hereby certify that the information above is true and complete to the best of my knowledge and belief

SIGNATURE Ken W. Gosnell TITLE AGENT DATE 9-13-93

TYPE OR PRINT NAME Ken W. Gosnell

TELEPHONE (915) 688-5672

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS FOR APPROVAL, IF ANY:

SEP 15 1993

WORKOVER PROCEDURE

DATE: 6/29/93

WELL & JOB: SJU "H" # 27

DRILLED: 12/59

LAST WORKOVER: 6/74 (Cancelled to complete Abo gas zone)

FIELD: South Justis Unit

COUNTY: Lea, NM

BY: Fauzi Imron

TD: 6355'

PBD: 5587'

DATUM:

TUBINGHEAD:

SIZE:

PRESS RATING:

CASING:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TOC
SURFACE:	-	-	-	-	-	-
INTER:	9-5/8"	32.0	H-40	836'	415	Surface
PROD:	7"	23.0	N-80/J-55	6355'	754	2750' (by TS)

Note: 2 jts & 1 cut jt (92') of 7-5/8" 29.5 # N-80 csg were also run on the top of 7" csg.

LINER:	SIZE	WEIGHT	GRADE	TOP	BTM	CMT	TOC
-	-	-	-	-	-	-	-

PERFORATIONS: Upper Blinebry 5015' - 5174' (perf'd in 9/72 - producing)
Lower Blinebry 5231' - 5277' (squeezed in 9/65) & 5329' - 5467' (producing)
Tubb 5730' - 5842' (perf'd in 8/63) & (P&A'd in 9/65 by setting CIBP @ 5600' w/ 2 sx of cmt)
Drinkard 5890' - 5910' (P&A'd in 8/63 by setting plug in Otis "WA" pkr @ 5861')

TUBING SIZE: 2-3/8" WIEGHT: 4.7# GRADE: J-55 THREAD: EUE 8rd

BTM'D @ 5430' (1974 Data)

JOINTS: ?

MISC: -

PACKER AND MISC: CIBP @ 5600' (w/ 2 sx of cmt) and one junk CIBP on top of cmt (est. depth @ 5587')
Otis "WA" pkr @ 5861' (w/ plug set) & @ 5700' (w/ tbg cutoff @ 5683')

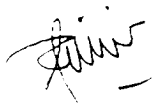
HISTORY AND BACKGROUND: This well was drilled in 12/59 to a total depth of 6355'. The well was completed in 3/60 as a Dual Comp from Lower Blinebry (5231'-5467') & Drinkard (5890'-5910'). In 7/63, the Drinkard was P&A'd by setting plug in Otis "WA" pkr @ 5861' and the Tubb (5730'-5842') was perforated. In 9/65, the Tubb was then P&A'd by setting CIBP @ 5600' w/ 2 sx of cmt and part of Lower Blinebry (5231'-5277') was squeezed w/ 225 sx cmt. In 9/72, the Upper Blinebry (5015'-5174') was then perforated. The last workover in 6/74 was planned to complete the Abo gas zone. It was cancelled because unable to clean out hole below 5442'. The well is now producing through single completion as a Blinebry producer.


SCOPE OF WORK: Clean Out Hole to 6000'.

PROCEDURE

1. MIRU PU. POOH with rods and pump. ND wellhead. NU BOP. POOH w/ completion assembly.
2. RIH w/ 6-1/4" MT bit, DC's, and 2-7/8" work string to top of the Upper Blinebry perforations @ 5015'. Break circulation using bridging material. Continue RIH to junk CIBP @ 5587' (If there is a fill @ 5442' it maybe required to clean out hole starting from this depth). DO junk CIBP, cmt & CIBP @ 5600'. Cont. RIH to top of fish (2-3/8" tbg cutoff @ 5683', fish length 17') on Otis "WA" pkr @ 5700'. Circ. hole clean & POOH. Note: Make a bit change if the bit is wornout after drilling first CIBP.
3. RIH w/ 6-1/8" x 4-5/8" KR Shoe, WP & Asy. Washover cutoff tbg to top pkr. Mill over the pkr & POOH. If the cutoff tbg still in a good shape, RIH w/ 5-7/8" Overshot w/ 2-3/8" Grapple, latch onto cutoff tbg & pull the cutoff tbg to release the pkr. Otherwise, RIH w/ 5-7/8" Overshot w/ 4-3/8" Grapple, latch on the pkr, & pull the pkr free. POOH & LD cutoff tbg & pkr.
4. RIH w/ 6-1/8" x 4-5/8" KR Shoe & Assy to Otis "WA" pkr @ 5861'. Mill over the pkr & POOH. RIH w/ 5-7/8" Overshot w/ 4-3/8" Grapple, latch onto the pkr, & pull the pkr free. POOH & LD pkr.

5. RIH w/ 6-1/4" MT bit, DC s, and 2-7/8" work string to clean out hole to 6000'. Circ. hole clean & POOH.
6. RIH w/ RBP and set @ 5000'. Conduct csg integrity test to 500 psi. POOH.
- 7. Add perforations and Treat.
RIH w/ completion assembly per F/P Engineering design. ND BOP. NU wellhead. RIH w/ pump and rods per F/P Engineering design. RD PU. TOTPS.
8. RD PU. TOTPS.


Fauzi Imron
Drilling Engineer

 6-30-93
Johnny Shields
Permian Team Leader

6/23/93

SJU H # 27

Proposed Wellbore Diagram

Wellbore Diagram

RKB = 11.5'

9 5/8" 32 # H-40 CSG, SET @ 836'
CMTD W/ 415 SX CMT. T.O.C. @ SURFACE

TOP OF CEMENT @ 2750' (BY TEMP. SURVEY)

Current CA:

Proposed CA:
PER F/P ENGINEERING DESIGN

DV TOOL @ 4961'

Current Perforations:

* UPPER BLINDBAY (5045' - 5174')

* LOWER BLINDBAY (5231' - 5277') (SQUEEZED)

" (5329' - 5467')

* TUB @ (5730' - 5842') TEMP. P&A W/ C18P @ 5600'

* DRINKARD (5890' - 5911') TEMP. P&A W/ P16S SET
(INSIDE "WA" PER @ 5861')

Perforations Added or Squeezed During
Proposed WO Operations:
PER F/P ENGINEERING DESIGN

7" 23 # N-80/J-55 CSG, SET @ 6355'

CMTD W/ 754 SX CMT. T.O.C. @ 2750' (BY T.S.)

TWO (2) STAGES CMT JOB W/ DV TOOL @ 4961'

6355' TD 5588' PBD 6355' TD 6317' PBD

TD @ 6355'

PBD @ 6317'

TD @ 6355'

9 5/8"

7"