

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.

30-025-21354

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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

1. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER

2. Name of Operator

ARCO OIL AND GAS COMPANY

3. Address of Operator

P. O. Box 1610, Midland, Texas 79702

4. Well Location

Unit Letter F : 1980 Feet From The North Line and 2309 Feet From The West Line

Section

23

Township

25S

Range

37E

NMPM

Lea

County

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

3084 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 Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Propose to work over wellbore for South Justis Unit as follows:

1. POH w/CA
2. Clean out to 5775
3. Run casing Integrity test
4. Add perforations and stimulate.
5. RIL 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

Regulatory Coordinator

DATE

8-13-93

TYPE OR PRINT NAME

Ken W. Gosnell

915/688-5672

TELEPHONE NO.

(This space for State Use)

Orig. Signed by

Paul Kautz

Geologist

TITLE

DATE

AUG 18 1993

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

WORKOVER PROCEDURE

DATE: 8/10/93

WELL & JOB: SJU "B" #20 - Clean out to 5775' and bring into unit

DRILLED: 1965

LAST WORKOVER: 1/19/89 - Replace worn pump

FIELD: South Justis Field

COUNTY: Lea, NM

BY: B. G. Voigt

TD: 6100'

PBD: 5536'

DATUM: 0'

TUBINGHEAD: ?

SIZE:

PRESS RATING:

| CASING: | SIZE | WEIGHT | GRADE | SET @ | SX CMT | TOC |
|----------|--------|--------------|-------------|-------|---------|-----------|
| SURFACE: | 9-5/8" | 32.3 & 36 lb | H-40 & J-55 | 956' | 500 sx | circ |
| INTER: | | | | | | |
| PROD: | 7" | 23 & 26 lb | J-55 & N-80 | 6100' | 1060 sx | 550' (TS) |
| LINER: | SIZE | WEIGHT | GRADE | TOP | BTM | TO |

PERFORATIONS: Blinebry: 5142, 48, 61, 65, 67, 95, 96, 99, 5212, 17, 59' (Sqzd 6/2/80)
5377-87, 93, 5446-62, 79, 82, 90, 5510 (Sqzd 7/9/79 - Reopened 6/4/80 - Currently Producing)
Tubb/Drinkard: 5814, 23, 34, 37, 45, 57, 71, 76, 99, 5904, 23, 24, 38, 67, 75' (Abandoned 2-23-67)

TUBING: SIZE: 2-7/8" WEIGHT: 6.5 GRADE: J-55 THREAD: EUE 8rd
BTM'D @ 5518' JOINTS: 176 MISC: BP, perf sub, & SN.

PACKER AND MISC: Fish: RBP at 5536'. Attempted to retrieve in July of 1979. Could not retrieve with retrieving head. Broke control rod 2" below fishing neck with a short catch OS and recovered fishing neck. Attempted to cut over with a 6-1/8" x 5-1/4" cutrite shoe and tried to cutover but could not but did push from 5332-5536'.
Fish: Baker Model "D" packer at 5785' with DR plug in place and 10' cement on top.

HISTORY AND BACKGROUND: This well was originally drilled as a Blinebry and Tubb/Drinkard dual producer. The Tubb/Drinkard was abandoned by setting a DR plug and dumping 2 sx cement on top of the packer. The well produced from the lower Blinebry until it was TA'd with an RBP at 5332' in 1969. In July of 1979, holes were squeezed in the 7" casing from 4134-4195' with 475 sx cement. During this operation, an attempt was made to retrieve the RBP at 5332' with no success. The RBP was pushed to 5536'. Currently the well is producing from the Blinebry zone.

SCOPE OF WORK: Clean out to 5775' and bring into unit

PROCEDURE

1. MIRU PU. POOH with rods and pump. ND WLHD. NU BOP. POOH with completion assembly.
2. RIH with 6-1/8" MT bit and 4-1/4 DC's on 2-7/8" WS to top of Blinebry perforations at 5142'. Break circulation using bridging material. Continue in hole and clean out to top of fish at 5536'. Circulate hole clean and POOH.
3. RIH with 6-1/8" x 5" cutrite shoe and millover assembly on 2-7/8" WS and cut over RBP at 5536'. Clean well out to 5775' and attempt to jam fish in washpipe. POOH with fish. If unable to recover fish, RIH with 6-1/8" x 5" OS and recover fish.
4. RIH with Baker FBRC packer on 2-7/8" WS and set at 5050'. Perform casing integrity test down 7" x 2-7/8" annulus to 500 psi.
5. Perforate and stimulate per O/A Engineering design.

Ge. RWH w/ CA

SSU 'B' #20

Current Wellbore Diagram

Proposed Wellbore Diagram

RKB= 0'
(Log Measured from
Ground Level)

4-5/8" 32.30 #36 lb H-40 #
J-55 set at 956'. Cmt'd w/
500 sx cmt. TOC = surface

Current CA:

BP, perf. sub, SN, #176jts
2-7/8" tbg. Tbg bitmd @
5518'. 2 1/2" x 2 1/2" x 1 1/2" x 1 1/2"
pump, 13 3/4" rods, 79 7/8"
rods, 3-4' pony rods, 1-6' pony rod.
2-2' pony rods, 1 1/4" x 16' PR w/ 8' liner.

Proposed CA:

Dr F/P Engineering.

Current Perforations:

Blineby:
5142-5159 (squeezed 6/2/80)
5377-5510' (sized 7/9/79 - reopened
6/4/80)

Tubb/Drnkard:
5814-5975'

Perforations Added or Squeezed During Proposed WO Operations:

7" 23 #26 lb J-55 #N-80
csg. set @ 6100'. Cmt'd w/
10612 sx cmt in 2 stages.
TOC = 550' (TS) D/I Tool @ 3968'

6100' TD 5836' PBD 6100' TD 5775' PBD

Sized hole in
CSG 4134-4195'
w/ 475 sx cement.
(7/13/79)

RBP @ 5536'
(not set)
10' cmt
Model D'pkr
@ 5785'. Tbg
w/ DR plug
@ 5977'