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to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

C15F
82

OIL CONSERVATION DIVISION

DISTRICT I

P. O. Box 1980, Hobbs NM 88241-1980

DISTRICT II

P. O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.

30-015-22524

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Washington 33 State

8. Well No.

13

9. Pool name or Wildcat

Artesia Queen Grbg San Andres

1. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER

2. Name of Operator

ARCO Permian

3. Address of Operator

P. O. Box 1089 Eunice, NM 88231

4. Well Location

Unit Letter H : 1610 Feet From The N Line and 250 Feet From The E Line

Section 33 Township 17S Range 28E NMPM Eddy County

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

3674' GL

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: Plugback to San Andres ☐

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.

TD: 6158 PBD: 5377 PERFS: 2326-2910 (Formerly Empire Abo Unit F-321)

08/18/98: Establish PIR through squeeze hole @ 147' @ 1/2 BPM, 750#. Spot Class C cmt. to end of tbq. Squeeze holes off w/5 sxs Class C cmt. Standing squeeze of 1000#.

08/19/98: RIH w/bit & 2-7/8" tbq. Tag TOC @ 92'. DO cmt squeeze to 165'. Press tst to 500# psi, held ok. TOH add DC's, TIH to 415'. Prep to DO cmt plugs to 4200'.

08/20/98: DO cmt plug 415-560'. DO CR set @ 561-561'. Add DC & TIH to 562'. No progress.

08/21/98: TIH to 563'. DO cmt plug & BP to 625'. Circ & press tst to 500# psi, 15", OK. Drill cmt 645-695'. (OVER)

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

SIGNATURE

Kellie D. Murrish

TITLE

Administrative Assistant

DATE

09/23/98

TYPE OR PRINT NAME

Kellie D. Murrish

TELEPHONE NO. 505-394-1649

(This space for State Use)

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

APPROVED BY

TITLE

DATE

9-25-98

CONDITIONS OF APPROVAL, IF ANY:

08/22/98: Drill cmt 695-870'. Tst 500# psi, OK. Drill cmt 890-1220'.

08/25/98: Drill cmt plug f1220-1360', lower to 1415'. Circ clean, press tst 500# psi, 15", OK. Drill cmt 1945-2195'. Circ, press tst 500# psi, 15", lost 100# psi.

08/26/98: Drill out cmt f/3269-3562'. GIH to 5528', tag. Circ hole clean POH LD DC's.

08/27/98: GIH w/5-1/2" CS & 2-7/8" tbg to 5528'. Spot 1000 gals 10% acid. LD tbg. RDPU, RUWL ran CPNL f/4200-2000' RDWL.

09/12/98: Perf San Andres interval 2376-2910'. Frac w/2520 gals 15% HCL, 2310 gals Linear gel spacer & 1008 gals 20# gel and 93,300 gals 20# Viking I-25 gel carrying 144,000# 20/40 mesh sand followed by 36,000# 20/40 mesh CR sand. Flush 1050 gals fresh water.

09/14/98: TIH to 2600' top of frac sand. Lower tbg, CO BP 2600-2625'. Lower tbg 5196'. CO fill to 5377' PBD. Pull & LD excess tbg. Run TAC & MA, tbg landed @ 2441'. TOTP 09/14/98.