

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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. <u>30-025-08895</u>
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. <u>B-1506</u>
7. Lease Name or Unit Agreement Name <u>state 157 "D"</u>
8. Well No. <u>7</u>
9. Pool name or Wildcat <u>Eumont Queen Gas</u>
10. Elevation (Show whether DF, RKB, RT, GR, etc.) <u>3482 GR</u>

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 <u>ARCO OIL AND GAS COMPANY</u>
3. Address of Operator <u>P. O. Box 1610, Midland, Texas 79702</u>
4. Well Location Unit Letter <u>N</u> : <u>330</u> Feet From The <u>South</u> Line and <u>2310</u> Feet From The <u>West</u> Line Section <u>12</u> Township <u>22S</u> Range <u>36E</u> NMPM <u>Lea</u> County 10. Elevation (Show whether DF, RKB, RT, GR, etc.) <u>3482 GR</u>

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
OTHER: <u>Acidize & Frac</u> ☒	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 acidize & frac existing Yates perms 2717-2928

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

SIGNATURE Ken W. Gosnell TITLE Engr. Tech. DATE 1-3-91
TYPE OR PRINT NAME Ken W. Gosnell 915/688-5672 TELEPHONE NO.

(This space for State Use)

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

7. TIH with production assembly (per F/P) pressure testing to 3000 psi below the slips. Return well to production. TOTPS.

Cal Bird 11 OCT 90

WORKOVER PROCEDURE

DATE: 10 October 1990
WELL & JOB: State 157 D No. 1 Fracture Treat Yates
DRILED: 1939
LAST WORKOVER: 1978, plugged back from Queen to Yates
FIELD: Eumont
COUNTY: Lea, NM
BY: C. U. Bird
PBD: 2947'
DATE: GL 3482'
TUBINGHEAD:
Casing: SIZE WEIGHT GRADE SET @ TOC
SURFACE: 8-5/8" 32# 280' 150 surface
PROD: 5-1/2" 17# 3650' 150
PERFORATIONS: OH 3650'-3761' Grayburg, 3142'-3540' Queen, all plugged; Yates 2717'-2928'
TUBING: SIZE: 2-3/8" WEIGHT: 4.7# GRADE: J-55 THREAD: UE
BTM'D @ ? JOINTS: ? MISC:

PACKER AND MISC: May have a R Doublegrip.

HISTORY AND BACKGROUND: This well was drilled and completed in 1939 as a Grayburg open hole producer by Repollo. In 1954 the well was plugged back to upper Grayburg. In 1960 the well was plugged back to Queen. In 1971 casing corrosion was found 320'-572' and at 2318'. In 1978 the well was plugged back to the Yates. It is now proposed to fracture treat the Yates. The well may or may not have a packer still in it.

SCOPE OF WORK: Clean out fill (if necessary), and then fracture treat the Yates.

PROCEDURE

1. Dig out around wellhead. RU H2S equipment. MIRU PU. Bleed pressure off of well and monitor. Attempt to load well with FW. Watch for returns outside of casing(s).
2. ND tree, NU BOPE. Release packer, if there is one there. Tag bottom. Talley tubing out of hole. If the hole is not clean to below the bottom perf at 2928', and the hole will not stand full and circulate, TIH with hydrostatic bailer and clean out to PBTD at 2947'.
3. TIH with treating packer on 2-7/8" work string. Set the packer at 2600' and test the annulus to 1000 psi. Repair leaks as required.
4. Acidize Yates with 1100 gal 15% NEFE with 30 BS. Swab back and test. Release packer and knock balls off of perfs and reset packer.
5. Fracture treat (in accordance with O/A) with 60,000 gal 70 quality CO2 foam with 22,000 # 20/40 and 85,000 # 12/20 sand at 15 BPM. Swab/flow back and test.
6. Release packer, TOH. LD work string.

C. U. Bird

Approval: R. D. Reynolds J. E. Shields