

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

RECEIVED  
APR 27 1992

O. C. D.  
APPROVED

WELL API NO. 30-015-01669
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B - 2701
7. Lease Name or Unit Agreement Name Empire Abo Unit "G"
8. Well No. 28
9. Pool name or Wildcat Empire Abo
10. Elevation (Show whether DF, RKB, RT, GR, etc.)

**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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
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 <u>I</u> : <u>1650</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>East</u> Line Section <u>32</u> Township <u>17S</u> Range <u>28E</u> NMPM <u>Eddy</u> County
10. Elevation (Show whether DF, RKB, RT, GR, etc.)

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 add perforations f/6180-90 to current perms 6012-6082 and stimulate.

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 4-22-92

TYPE OR PRINT NAME Ken W. Gosnell 915/688-5672 TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY  
MIKE WILLIAMS  
SUPERVISOR, DISTRICT II

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

MAY 8 1992

## **PROPOSED WORKOVER**

### **EMPIRE ABO UNIT WELL G-28**

**Current Perfs:** 6072-82, 60-66, 40-55 & 12-32

**Purpose:** Add perforations and stimulate

### **BRIEF OUTLINE OF PROPOSED WORKOVER**

1. MIRU PU. NDWH. NU BOP. POH
2. Perforate 6180-90' w/ 2 JSPF.
3. Isolate 6180-90 & acidize w/ 1500 gals. 15% HCl
4. Swab & test
5. POH w/ Tbg. & Pkr. RIH w/ CA as per production dept.

### **JUSTIFICATION**

The EAU G-28 has never been worked over and perforated deeper in the reef. Current perforations are 120' above the base of the reef. The offset wells are nearly all perforated deeper in the reef. The offsets have also averaged nearly 300 MBO more of cumulative production than the G-28, presumably because they have drained a thicker column of oil while being perforated deeper in the reef. Based on the expected average rate gain of 15 BOPD the proposed work would pay out in 2.6 months.

### **COST ESTIMATE**

The estimated gross cost of the workover is \$12,000 based on D. C. Bretches letter of March 3, 1992. Co-owner approval is not required as the expenditure is less than \$25,000.

JA  
A-14-92