

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 2088 RECEIVED
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-

SEP 22 '88

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. E-7116	

SUNDRY NOTICES AND REPORTS ON WELLS ARTESIA, OFFICE
(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. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator ARCO Oil and Gas Company	8. Farm or Lease Name Empire Abo Unit "F"
3. Address of Operator P.O. Box 1610, Midland, Texas 79702	9. Well No. 353
4. Location of Well UNIT LETTER <u>G</u> <u>2400</u> FEET FROM THE <u>North</u> LINE AND <u>2350</u> FEET FROM THE <u>East</u> LINE, SECTION <u>34</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.	10. Field and Pool, or Wildcat Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3661.4 GR	12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☒ Recomplete Abo Zone	CASING TEST AND CEMENT JOB ☐	OTHER ☐

17. 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 abandon existing perfs and come up hole testing possibly three potential zones.
(6164-6176', 6141-6150', 6076-6090').

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

SIGNED Ken W Gosnell TITLE Engr. Tech. 915-638-5672 DATE 9-19-88

APPROVED BY Original Signed By Mike Williams TITLE DATE SEP 23 1988
CONDITIONS OF APPROVAL, IF ANY:

REQUEST FOR WORKOVER COST ESTIMATE & PROCEDURE

TO: B. N. Brown - MIO 1413

FROM: J.T. Lowder - MIO 118

WELL NAME: Empire Abo Unit Well No. F-353

JOB DESCRIPTION: Plug Back To Uphole Abo Interval

LEGAL LOCATION: 2400' FNL & 2350' FEL, Sec. 34-T17S-R28E, Eddy Co., NM

FIELD: Empire Abo TD: 6371' PBD: 6321'

PRESENT STATUS AND PRODUCTION: Shut-in effective 12-1-87.
On 10-18-87 produced 0 BO, 842 BW and 7 MCFG.

PRESENT PERFORATIONS AND FORMATION: Empire Abo 6244-6258'

ABANDONED PERFORATIONS AND FORMATION: None

RECOMPLETION: OBJECTIVE #1	Abo	#2	Abo	#3	Abo
PERFORATIONS (2 JSPP)	<u>6164-6176'</u>		<u>6141-6150'</u>		<u>6076-6090'</u>
BREAKDOWN VOL & TYPE	<u>1200 gal 15% HCl</u>		<u>1000 gal 15% HCl</u>		<u>1500 gal 15% HCl</u>
BREAKDOWN RATE & PRESS	<u>1-2 BPM @ 1000*</u>		<u>1-2 BPM @ 1000*</u>		<u>1-2 BPM @ 1000*</u>
FRAC VOL & TYPE	<u>None</u>		<u>None</u>		<u>None</u>
FRAC RATE & PRESS	<u>None</u>		<u>None</u>		<u>None</u>
BHP/BHT	<u>850#/111°F</u>		<u>850#/111°F</u>		<u>850#/110°F</u>
SPECIAL REQUIREMENTS	<u>None</u>		<u>None</u>		<u>None</u>

TYPE WELL: OIL X GAS DUAL SINGLE X PMG X FLWC

BRIEF OUTLINE OF PROPOSED WORKOVER:

Set CIBP at 6210'. Perf Objective #1 w/ 2 JSPP. Acidize
perfs w/ 15% NEFE HCl acid. Flush to bottom perf
with produced water. SI for 30 minutes and swab
test. If productive, RIH w/ CA. If non-productive,
set CIBP above perfs and squeeze. Test Objective
#2. If necessary, set CIBP above Objective #2
and test Objective #3. All acid should be 15% NEFE
HCl and maximum WHP = 1000 psig for all treatments.

COMMENTS, UNUSUAL CONDITIONS:

TYPE ESTIMATE: AFE X BUDGET
DATE REQUIRED: 3-25-88
ANTICIPATED WORK START DATE: 6/88

APPROVED FOR SUBMITTAL BY: D. Antone DATE: 2/24/88

cc: G. D. Kimbrough - MIO 1408

ARCO OIL AND GAS COMPANY

March 7, 1988

CURRENT WELLBORE CONFIGURATION

GENERAL INFORMATION

Well Name: Empire Abo Unit No. F-353

Location: 2400' FNL & 2350' FEL, Sec. 34, T17S, R28E
Eddy County, New Mexico

Spud Date: Septemb 29, 1978; Compl. Octob 24, 1978
TD: 6371'; PBTD: 6321'. ARCO W.I. 34.1407%

API or State Number: 30-015-22629

Elevation GL: 3661' RKB: 3672'

CASING INFORMATION

Depth (ft)	Hole Size	Casing (lbs)	Weight (lbs)	Grade	Cpl. (sxs)	Cmt. Top (ft)
0-753'	11"	8-5/8"	24#	K-55	STC	500 Surface
0-6370'	7-7/8"	5-1/2"	15.5#	K-55	LTC	14001 4870' 2nd. Stage to Surface

TUBING INFORMATION

Depth (ft)	Tubing Size	Weight (lbs)	Grade	Cpl.
0-6095'	2-7/8"		J-55	EUE 8rd

PERFORATIONS

Interval	Number of Shots	Comments
6244' - 6258'	2	JSPF

COMMENTS

Tubing and pumping equipment was removed and transferred to Unit F-354. The well is shut in and temporarily abandon due to lack of economic production.

