

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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MAY 22 1987

O. C. D.

Form C-103
Revised 10-7-

3a. Indicate Type of Lease

State ☒ Fee ☐

3. State Oil & Gas Lease No.

7989

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPERATE OR ABANDON A WELL IN 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 SWD Empire Abo Unit "T"
3. Address of Operator P.O. Box 1610, Midland, Texas 79702	9. Well No. 6
4. Location of Well UNIT LETTER <u>N</u> <u>990</u> FEET FROM THE <u>South</u> LINE AND <u>1650</u> FEET FROM THE <u>West</u> LINE, SECTION <u>16</u> TOWNSHIP <u>18S</u> RANGE <u>27E</u> NMPM.	10. Field and Pool, or Wildcat Empire Abo
11. Elevation (Show whether DF, RT, GR, etc.) 3435 DF	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 ☐	PLUS AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUS AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☒ Convert to SaltWater Disposal(SWD-307)	CASING TEST AND CEMENT JOBS ☐	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 convert to Salt Water Disposal in the Yeso formation as follows:

1. Drill out plug f/1350-1592
2. Set CIBP at 3820. Dump 35' cmt on top. Press test casing.
3. Run GR-CCL f/3780-3000.
4. Perf Yeso f/3610-3710.
5. Acidize w/7500 gals.
6. RIH w/inj tbg and pkr. Set pkr at 3500. Press test.
7. TOPS for injection.

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

SIGNED Ken W. Losnell TITLE Engr. Tech. 915-688-3672 DATE 5-20-87

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE MAY 27 1987

CONDITIONS OF APPROVAL, IF ANY:

Remedial work

WORKOVER PROCEDUREDATE: Oct. 2, 1986WELL NO. & TYPE OF JOB: Empire Abo Unit "T" #6 ^{SWD} Convert to SWDDRILLED: 1960 LAST WO: TA'd 10-82 FIELD: Empire Abo COUNTY: EddyPREPARED BY: M. Ellis TD: 5985 PBD: 1592 DATUM: 13' RKB

CASING INFORMATION:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TOC
SURFACE:	<u>8-5/8</u>	<u>24</u>	<u>J-55</u>	<u>1534</u>	<u>800</u>	<u>Circ</u>
PRODUCTION:	<u>4-1/2</u>	<u>9.5</u>	<u>J-55</u>	<u>5983</u>	<u>800</u>	<u>Circ</u>

PRESENT PERFS: Abo perfs 5670-5921 squeezed. None open at this time.TUBING DATA: None

MISC.: Well TA'd with cement plug from 1350-1592. AD-1 packer @ 5650' and 5 joints tubing left in hole. Perfs 5670-5921 and packer squeezed with a CR @ 5210'.

PROCEDURE

1. MIRU PU. NU BOP.
2. RIH w/3-7/8" bit and 6 3" DC's on 2-3/8" WS & drill out cement plug from 1350-1592'.
3. FIH w/bit to 3800'. POH.
4. RU WL & set CIBP @ 3820'. Dump 35' cement on CIBP. Test 4-1/2" casing to 500 psi.
5. Run a GR-CCL from 3780 to 3000' correlate with Welex RA log dated 12-9-60.
6. Perf Yeso from 3610-3710 w/2 jspf (202 holes). Use 3000 psi Lubricator and 3-1/8" casing gun.
7. RIH w/packer on 2-3/8" WS to 3710'. Spot 100 gals 15% HCL across perfs.
8. PU packer and set @ 3510'. Test ann to 500 psi. Displace acid into perfs.
9. Swab test to obtain water sample from the Yeso perfs. Forward the water sample to J. Lowder in the Midland office for analysis to obtain injection permit.
10. Test ann to 500 psi. Acidize perfs 3610-3710 with 7500 gals 15% HCL in 2 stages dropping 500# GRS in 500 gals 10 GBW between stages. AIR 2-4 bpm. MXP 3150 psi.
11. Rlse packer. RIH to bottom perf. Circ w/FW & POH LD WS.

Cont'd

Empire Abo Unit "T" #6#
Convert to SWD
Page 2

12. RIH w/lok-set packer on 2-3/8" 4.7# J-55 EUE Srd tbg IPC w TK-75 to 3500'.
13. Displace annulus w TFW & set packer @ 3500'. Test ann to 500 psi. ND BOP. NU THF. Test ann to 500 psi.
14. TOPS.

m32

[Signature]

[Signature]

R. Dwiggin

D. R. Dees

G. D. Kimbrough

B. N. Brown

eaut6.txt

General Purpose Worksheet

Sheet

Empire Abo Unit T #6

Page No

Of

File

By

300

Date

10-2-86

8 5/8" 24" @ 1534'
w/800 sx

25 sack
Cmt Plug f/1350-1592'

Abo Perfs

5670-80'
5740-50'
5776-86'
5792-5806'
5850-78'
5910-22'
5962-66'

4 1/2" 9.5" J-55 @ 5983'
w/800 sx

CR @ 5210' w/ 15 sack cmt plug on top

TOF @ 5476' 2 3/8" tbg at 5476'
5, ts tbg

AC-1 @ 5650'
Baker pkr

Perfs 5670-5921
sqrd

TD @ 5985

