

Date 3/23/88

NOTICE OF ASSIGNMENT OF ALLOWABLE TO A GAS WELL

The operator of the following well has complied with all the requirements of the Oil Conservation Division and the well is hereby assigned an allowable as shown below.

Date of Connection _____ Date of First Allowable or Allowable Change 4/1/88
 Purchaser Northern Natural Gas Pool Eumont
 Operator ARCO Oil & Gas Co. Lease State K Com
 Well No. #2 Unit Letter S Sec. 6 Twp. 21 Range 36
 Dedicated Acreage 148 Revised Acreage 0 Difference -148
 Acreage Factor .93 Revised Acreage Factor 0 Difference -.93
 Deliverability _____ Revised Deliverability _____ Difference _____
 A x D Factor _____ Revised A x D Factor _____ Difference _____
 Zone abandoned _____ OCD District No. I

CALCULATION OF SUPPLEMENTAL ALLOWABLE

Previous Status Adjustments.....

MONTH	% OF MO.	PREV.ALLOW.	REV.ALLOW.	PREV.PROD.	REV.PROD.	REMARKS
April						
May						
June						
July						
August						
September						
October						
November						
December						
January						
February						
March						
April						
May						
June						
July						
August						
September						
October						
November						
December						
January						
February						
March						
TOTALS						
Allowable Production Difference.....						
Schedule O/U Status.....						
Revised O/U Status.....						
Effective In						Schedule
Current Classification						To

Note: All gas volumes are in MCF@15.025 psia.

WILLIAM J. LEMAY, Division Director

By _____

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

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OPERATOR	

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
B-2352

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. OIL WELL GAS WELL OTHER

2. Name of Operator
ARCO Oil and Gas Company

3. Address of Operator
P.O. Box 1610, Midland, Texas 79702

4. Location of Well
UNIT LETTER S 1980 FEET FROM THE South LINE AND 1820.94 FEET FROM
THE West LINE, SECTION 6 TOWNSHIP 21 S RANGE 36 E NMPM.

7. Unit Agreement Name

8. Farm or Lease Name
State "K" Com

9. Well No.
2

10. Field and Pool, or Wildcat
Eunice Monument (G-SA)

11. Elevation (Show whether DF, RT, GR, etc.)
3578 DF

12. County
Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input 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"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
		OTHER <u>Deepen</u> <input checked="" type="checkbox"/>	

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.

MIRU. Killed well & tstd csg. POH w/pkr & RIH w/RBP & pkr. Tstd tbg to 3000#. Circ hole w/FW. Set RBP @ 3500' & pkr @ 3356'. Est IR & IP in Queen perms f/3420-57' @ 3.5 BPM & 550#. Reset RBP @ 3350' & tstd to 535#. Reset pkr @ 2786'. Loaded csg & est IR & IP into Yates f/2970-3120' @ 1.5 BPM & 850#. Spot sd on RBP. POOH. GIH w/pkr to top of sd @ 3326'. Set pkr @ 2786'. Sqz'd Yates w/130 sx C1 "C" cmt w/2% CaCl₂ w/MXP @ 2000#. Unable to displ. Circ out 68 sx cmt. Set pkr @ 260' & press csg to 600# & tbg to 2000#. Slow bleed off. POOH w/pkr. TOC @ ±2805'

GIH w/bit to TOC @ 2786'. Drid 336' of cmt to 3122'. Tstd csg to 730# - lost 90# in 30 mins. POH. GIH w/pkr & set @ 2786'. Tstd csg f/surf to 2786' - held 715#. Tstd csg f/2786' - RBP @ 3350' to 2200# - lost 750#. Continue to reset pkr - problem in 3135-3350' interval - csg lost 660# in 15 mins. Indic leaking sqz perms f/2970-3120'.

Set pkr @ 3042'. Tstd sqz perms f/3053-3120' to 2000# - lost 1200#. Tstd sqz perms 2970-3015' - held ok. Swab tbg dry - no fluid entry. Surge perms f/3053-3120'. Could not inject into same. Spot'd 84 gal 15% HCl f/3125-3039'. Csg on Vac. Reset pkr @ 3039'. Est IR & IP into perms f/3053-3120' @ 2.6 BPM & 1470#. Sqz'd same w/120 sx C1 "C" + 2% CaCl₂. MXP 3000#. 25 sx in formation. Unable to displ. Rev out. Set pkr @ 2601'. Press tbg to 2130# - slow leak off. Sqz to 2175# - left on tbg. SION.

POOH w/pkr. TIH w/bit & CS. Drid cmt f/2786-3122' (336'). Tstd sqz perms f/2970-3120' to 575# - lost 25# in 30 mins. GIH to top sd @ 3310'. Washed to RBP @ 3350'. TIH. GIH w/ret RBP. POOH. GIH w/pkr to 3545'. Set & loaded csg & press test to 500#. Tstd CIBP @ 3644' to 1060#. Est IR into Queen perms f/3420-3457' @ 3.3 BPM & 600#. Sqz perms w/100 sx C1 "C" + 2% CaCl₂ foll'd by 72 sx C1 "C" + 2% CaCl₂ + 5#/sk sd. Rec out 6 sx cmt. Reset pkr @ 3137' & hold 500# on csg, 2130# on tbg.

(over)

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 Ingr. Tech. 915-638-5672 DATE 8-7-87

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

AUG 13 1987

- /7 TD 3867' PBD 3625'. CO TO ±3755'// (5-1/2" @ 3771')
 POH w/pkr. GIH w/bit. Drld cmt f/3227-3460' (233'). CHC. Tstd csg to 660# ok.
 GIH & tag fill @ 3615'. CO to CIBP @ 3642'. POH. TIH w/bit #2 & drld CIBP.
 Pushed to 3727'. Drld on CIBP.
- /8 TD 3867' PBD 3752'. POH W/PKR// (5-1/2" @ 3771')
 CO to 3752'. Sqz'd Grayburg perfs 3704-34' w/75 sx cmt. SION.
- /9 TD 3867' PBD 3752'. CLEAN OUT TO PBD// (5-1/2" @ 3771')
 TOH w/pkr. TIH w/bit & drld out cmt f/3326-3738'. Tstd csg to 560 psi ok. TIH
 to 3752' & drld to 3756'. TOH f/plug'd bit. TIH w/bit to 3600'. SION.
- /10 TD 3867' PBD 3752'. FIN CLEAN OUT OH// (5-1/2" @ 3771')
 Drld out 5-1/2" csg to 3771' & cleaned out 4-3/4" OH to 3845'. TOH f/bit. SION.
- /12 TD 3867' PBD 3752'. FINAL REPORT// (5-1/2" @ 3771')
 Fin POOH. LD prod tbg. NU BOP & Chevron's B-1 Bonnet. RD PU. Turned over to
 Chevron @ 10:00 AM 07/26/87.

Cheron is to file C-104 and C-105

RECEIVED
 AUG 12 1987
 MOBBS OFFICE