

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other

2. NAME OF OPERATOR ARCO Oil and Gas Company  
Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR  
P.O. Box 5540, Denver, Colorado 80217

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
790' FNL & 1120' FEL  
AT SURFACE:  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: Approx the same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

(other) N.O. COMMINGLE

SUBSEQUENT REPORT ON

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RECEIVED  
APR 25 1983

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

5. LEASE  
NM 0607

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
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7. UNIT AGREEMENT NAME  
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8. FARM OR LEASE NAME  
Atlantic "C"

9. WELL NO.  
101

10. FIELD OR WILDCAT NAME  
East Aztec Basin Del-Underhill

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
6-30N-10W

12. COUNTY OR PARISH | 13. STATE  
San Juan | New Mexico

14. API NO.  
30-045-25339

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6121' GL

(Note) Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

MI & RU Completion Unit 3-12-83. Kill well. POH with tubing. Drill up BP @ 6620' and push to 7423' PBTD. Circulate. Kill well. Landed 2-3/8" tubing @ 7107'. Swabbed and flowed well. Released Completion Unit 3-17-83. Dakota and Gallup commingled. Dakota perms 7121'-7394' and Gallup perms 6276'-6527'. Average rate 670 MCFPD and 97 BWPD, FTP 175-180 psi, FCP 490 psi through 32/64" choke. (See attached Daily Well History).

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED W. A. Walther, Jr. TITLE Operations Manager DATE 4-20-83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL: \_\_\_\_\_

MAY 0 1983

\*See Instructions on Reverse Side

NMOCC

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MAY 4 - 1983

OIL CON. DIV.  
DIST. 3

3/12/-14/83

7434 PB

Day-3 BP @ 6620'. (4-1/2 @ 7466)  
MIRU CU 3/12/83. SITP 825 psi, SICP 850 psi. Blew well dn. Pmp 2% KCl dn  
tbq. Well dead. TOH w/ 2-3/8" tbq. Make up 3-3/4" bit on tbq. TIH to tag  
fill @ 6587' (33' above BP @ 6620'). Drill up BP & push to 7423'  
w/nitrogen & foam. Circ well. Kill well w/2% KCl wtr. TOH to 6288'. SDON.

3/15/83

7423 PB

Day-4 - Prep to land tbq. (4-1/2 @ 7466)  
13 hr SICP @ 900 psi & SITP @ 800 psi; bled off in 10 min. PU 10 stds,  
well KO & killed well by circ'g 2% KCl wtr, then FOH. RIH w/notched clr,  
SN & blast jt on 2-3/8" tbq to 7276' & SWIFN.

3/16/83

7423 PB

Day-5 - Flw well to pit f/cln up. (4-1/2 @ 7466)  
12-1/2 hrs SITP 300 psi, SICP 100 psi. Kill well w/2% KCl wtr. POH w/7 jts  
2-3/8" tbq. Space out blast jts. Land tbq & NU tree. Swb well & KO. Flwg  
hvy mist ahead. TP 225 psi on 3/4" chk.

3/17/83

(4-1/2 @ 7466)

PBTD: 7423' - Prep to rel CU & cont flwg well & gauging prod.  
Cont'd flwg well on wide-open 3/4" chk f/0600 hrs to 1830 hrs. FCP 0 psi,  
SI csg & FCP incr'd to 600 psi; FTP 200 psi. Well flwd gas w/traces &  
heads of wtr/condensate/oil. SI @ 1830 hrs. Hook up separator. At 1900 hrs  
30 min SITP 490 psi. At 1900 hrs opn well on 32/64" chk thru sep & flw to  
0600 hrs. FTP decr'd f/250 psi to 200 psi stable, FCP decr'd f/600 psi to  
540 psi, sep press 100 psi. Well made 100 BF, percent oil unknown, gas  
rate vy unstable, est max @ 200 MCFD.

3/18/83

7423 PB

Day- 7 - Cont flwg. (4-1/2 @ 7466)  
Opn well thru sep on 32/64" chk f/24 hrs producing approx 700-750 MCFD by  
pitot tube. Produced total 165 BF (162 BW & 3 BO). Rel'd CU 11:00 am  
3/17/83.

3/19-21/83

7423 PB

Day-7 - Cont flwg thru 32/64" chk. (4-1/2 @ 7466)  
Avg rate of gas prod is 660-670 MCFGD & 97 BWPD (no oil). FTP @ 175-180  
psi, FCP @ 490 psi & separator press is 100 psi. Load to recover is approx  
3030 bbls. (Drop f/report until final production test.)

/22/83

PBTD: 7423' - FINAL REPORT - COMPLETED GAS WELL & TOPS, 3/21/83.  
Avg rate of gas 670 MCFPD & 97 BWPD. FTP @ 175-180 psi, FCP @ 490 psi thru  
32/64" chk. (Dropped f/report of 3/19-21/83.)



ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR  
LARRY KEHOE  
SECRETARY

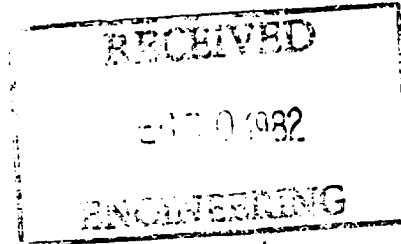
December 22, 1982

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

Administrative Order No. DHC-385

ARCO Oil and Gas Company  
P. O. Box 5540  
Denver, Colorado 80217

Attention: J. G. Bradshaw



Re: Atlantic "C" Well No. 101  
NE/4 NE/4 Sec. 6, T-30-N, R-10-W,  
NMPM, San Juan County;  
Undesignated Gallup and Basin  
Dakota Pools

Gentlemen:

Reference is made to your recent application for an exception to Rule 303-A of the Division Rules and Regulations to permit the subject well to commingle the production from both pools in the wellbore.

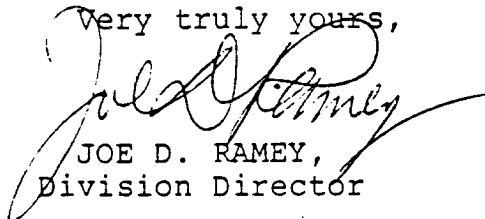
It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303-C, and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above.

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Upper Pool: Condensate 100%, Gas 57%  
Lower Pool: Condensate 0%, Gas 43%

Pursuant to Rule 303-C 5, the commingled authority granted by this order may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Joe D. Ramey", is written over the typed name and title.

JOE D. RAMEY,  
Division Director

cc: Oil Conservation Division - Aztec  
Oil & Gas Engineering - Hobbs  
Well File  
OCD Machine Accounting  
Minerals Management Service - Farmington



ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

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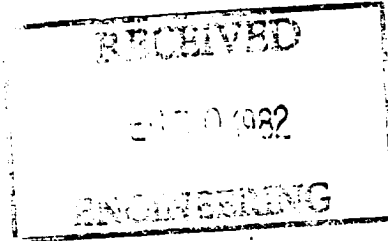
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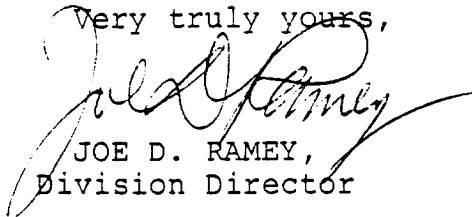
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