

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

Form C-103  
Revised 10-1-7

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DISTRIBUTION	
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U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease  
State  Fed   
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS  
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEPER OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE APPLICATION FOR PERMIT - 11 FROM C-101 FOR SUCH PROPOSALS.

1.  OIL WELL  GAS WELL  CO2  OTHER

2. Name of Operator: Amoco Production Company

3. Address of Operator: P. O. Box 68, Hobbs, New Mexico 88240

4. Location of well: UNIT LETTER F 1980 North 1980 FEET FROM THE LINE AND FEET FROM THE West 13 TOWNSHIP 20-N RANGE 31-E NMPM.

5. Elevation (Show whether OF, RT, CR, etc.): 4685' GL

7. Unit Agreement Name: BDCDGU

8. Farm or Lease Name: BDCDGU 2031

9. Well No.: 131

10. Field and Pool, or indicate Und. Tubb

12. County: Harding

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

PERFORM REMEDIAL WORK   
TEMPORARILY ABANDON   
PULL OR ALTER CASING   
OTHER

PLUG AND ABANDON   
CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIATION WORK   
COMMENCE DRILLING OPNS.   
CASING TEST AND CEMENT JOBS   
OTHER   
ALTERING CASING   
PLUG AND ABANDONMENT

17. Describe Progress or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Moved in completion unit 3-22-81. Drilled cement 2163'-2252'. Perforated 2143'-52', 2160'-63', 2169'-90', 2200'-13', 2215'-22', 2238'-43' with 1 JSPF. Acidized with 3200 gal 7-1/2% HCL acid. Fraced with 20000 gal Gelled 2% KCL water with 26500# 10/20 sand and 8000# 10/12 sand. Swab test. Run cement retainer to 2073'. Pump 150 sx class H cement. Obtained 1500 psi squeeze. Reverse out 42 sx. Run 4-3/4" bit. Tag cement at 2072'. Test casing to 600 psi for 15 min. OK. Drill cement and retainer from 2073'-2190'. Test squeeze to 600 psi for 30 min. OK. Perforate 2142'-54', 2158'-65', with 2 JSPF. Acidized with 1400 gal 7-1/2% HCL acid. Set a cast iron bridge plug at 2113'. Circulate 13.5 bbl and spot 5 bbl cement slurry. Displace with 7 bbl water and pull tubing to 1202'. Spot 5 bbl cement slurry and displace with 3 bbl water. Pulled tubing to 1000' and circ. hole with 36 bbl fresh water. Pulled tubing. Cut off bradenhead and moved out service unit 12-20-82. Turned well over to surface owner. (Well PPA)

0+2-NMOCD,SF 1-HOU 1-SUSP 1-CLF 1-Amerada 1-Amerigas 1-Cities Serv.  
1-Conoco 1-CO2 in Action 1-Excelsior 1-Sun. Tex.

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

SIGNED Cathy L. Jermier TITLE Assist. Admin. Analyst DATE 1-6-83

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.

1a. TYPE OF WELL  
OIL WELL  GAS WELL  CO2 DRY  OTHER \_\_\_\_\_

b. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER \_\_\_\_\_

7. Unit Agreement Name  
BDCDGU

8. Form or Lease Name  
BDCDGU 2031

2. Name of Operator  
Amoco Production Company

9. Well No.  
131

3. Address of Operator  
P. O. Box 68, Hobbs, New Mexico 88240

10. Field and Pool, or Wildcat  
Und. Tubb

4. Location of Well  
UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM

11. County  
Harding

THE West LINE OF SEC. 13 TWP. 20-N RGE. 31-E

15. Date Spudded 3-9-81 16. Date T.D. Reached 3-17-81 17. Date Compl. (Ready to Prod.) \_\_\_\_\_ 18. Elevations (DF, RKB, RT, GR, etc.) 4685' GL 19. Elev. Casinghead \_\_\_\_\_

20. Total Depth 2300' 21. Plug Back T.D. 1000' 22. If Multiple Compl., How Many \_\_\_\_\_ 23. Intervals Drilled By Rotary Tools 0-TD Cable Tools \_\_\_\_\_

24. Producing Interval(s), of this completion - Top, Bottom, Name  
None

25. Was Directional Survey Made  
No

26. Type Electric and Other Logs Run  
Comp. Form Density, Dual Laterolog

27. Was Well Cored  
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	691'	12-1/4"	500 sx class H	circ. 50 sx
5-1/2"	14#	2300	7-7/8"	700 sx class H	circ. 225 sx

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)  
2143'-52', 60'-63', 69'-90', 2200'-13', 15'-22' and 38'-43' w/1 JSPF (cmt squeeze) 2142'-54' and 58'-65' w/2 JSPF. Cast iron bridge plug @ 2113'. Cement to 1000'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>2142'-2243'</u>	<u>4600 gal 7-1/2% HCL, 20000 gal getted KCL water, 26500# 10/12 sand, and 8000# 10/12 sand</u>

33. PRODUCTION

Date First Production \_\_\_\_\_ Production Method (Flowing, gas lift, pumping - Size and type pump) \_\_\_\_\_ Well Status (Prod. or Shut-in) \_\_\_\_\_

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.) \_\_\_\_\_ Test Witnessed By \_\_\_\_\_

35. List of Attachments  
Logs mailed on 3-30-81

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Calvin L. Forman TITLE Asst. Admin. Analyst DATE 1-6-83

0+2-NMOCB/SF 1-HOU 1-SUSP 1-CLF 1-Amerada 1-Amerigas 1-Cities Serv.  
1-Conoco 1-CO2 in Action 1-Excelsior 1-Sun. Tex.

**INSTRUCTIONS**

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

**INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE**

**Southeastern New Mexico**

**Northwestern New Mexico**

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>3294'</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta <u>3056'</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>2561'</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. <u>Santa Rosa 3558'</u>	T. Chinle _____	T. _____
T. Penn. _____	T. <u>Cimacora 2578'</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

**OIL OR GAS SANDS OR ZONES**

No. 1, from.....to.....	No. 4, from.....to.....
No. 2, from.....to.....	No. 5, from.....to.....
No. 3, from.....to.....	No. 6, from.....to.....

**IMPORTANT WATER SANDS**

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....	feet. ....
No. 2, from.....to.....	feet. ....
No. 3, from.....to.....	feet. ....
No. 4, from.....to.....	feet. ....

**FORMATION RECORD (Attach additional sheets if necessary)**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	691'	691'	Surface				
691'	2300'	1609'	Sand, clay, shale, + anhydrite				

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ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION  
P. O. BOX 2038  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-77

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REPERFORATE PLUS DATA TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT - 17 (FORM C-101) FOR SUCH PROPOSALS.

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> CO2 OTHER	7. Unit Agreement Name BDCDGU
2. Name of Operator Amoco Production Company	8. Farm or Lease Name BDCDGU 2031
3. Address of Operator P. O. Box 68, Hobbs, New Mexico 88240	9. Well No. 131
4. Location of well UNIT LETTER <u>F</u> <u>1980</u> FEET FROM THE <u>North</u> <u>1980</u> THE <u>West</u> <u>13</u> LINE, SECTION <u>20-N</u> <u>31-E</u> TOWNSHIP <u>31-E</u> RANGE <u>13</u> NMPM.	10. Field and Pool, or Annual Und. Tubb
15. Elevation (Show whether DF, RT, CR, etc.) 4685' GL	12. County Harding

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

PERFORM REMEDIAL WORK   
TEMPORARILY ABANDON   
PULL OR ALTER CASING   
OTHER \_\_\_\_\_

PLUG AND ABANDON   
CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK   
COMMENCE DRILLING OPNS.   
CASING TEST AND CEMENT JOB   
OTHER \_\_\_\_\_   
ALTERING CASING   
PLUG AND ABANDONMENT

17. Describe Progress of Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Moved in completion unit 3-22-81. Drilled cement 2163'-2252'. Perforated 2143'-52', 2160'-63', 2169'-90', 2200'-13', 2215'-22', 2238'-43' with 1 JSPF. Acidized with 3200 gal 7-1/2% HCL acid. Fraced with 20000 gal Gelled 2% KCL water with 26500# 10/20 sand and 8000# 10/12 sand. Swab test. Run cement retainer to 2073'. Pump 150 sx class H cement. Obtained 1500 psi squeeze. Reverse out 42 sx. Run 4-3/4" bit. Tag cement at 2072'. Test casing to 600 psi for 15 min. OK. Drill cement and retainer from 2073'-2190'. Test squeeze to 600 psi for 30 min. OK. Perforate 2142'-54', 2158'-65', with 2 JSPF. Acidized with 1400 gal 7-1/2% HCL acid. Set a cast iron bridge plug at 2113'. Circulate 13.5 bbl and spot 5 bbl cement slurry. Displace with 7 bbl water and pull tubing to 1202'. Spot 5 bbl cement slurry and displace with 3 bbl water. Pulled tubing to 1000' and circ. hole with 36 bbl fresh water. Pulled tubing. Cut off bradenhead and moved out service unit 12-20-82. Turned well over to surface owner. (Well PxA)

0+2-NMOCD,SF 1-HOU 1-SUSP 1-CLF 1-Amerada 1-Amerigas 1-Cities Serv.  
1-Conoco 1-CO2 in Action 1-Excelsior 1-Sun. Tex.

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

SIGNED Cathy L. Gorman TITLE Assist. Admin. Analyst DATE 1-6-83

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

CONDITIONS OF APPROVAL, IF ANY:

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OPERATOR	

Form C-105  
Revised 11-1-81

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.

1a. TYPE OF WELL  
OIL WELL  GAS WELL  CO2 DRY  OTHER

b. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER

7. Unit Agreement Name  
BDCDGU

8. Farm or Lease Name  
BDCDGU 2031

2. Name of Operator  
Amoco Production Company

3. Address of Operator  
P. O. Box 68, Hobbs, New Mexico 88240

9. Well No.  
131

10. Field and Pool, or Wildcat  
Und. Tubb

4. Location of Well  
UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 13 TWP. 20-N RGE. 31-E

11. County  
Harding

15. Date Spudded  
3-9-81

16. Date T.D. Reached  
3-17-81

17. Date Compl. (Ready to Prod.)

18. Elevations (DF, RKB, RT, GR, etc.)  
4685' GL

19. Elev. Casinghead

20. Total Depth  
2300'

21. Plug Back T.D.  
1000'

22. If Multiple Compl., How Many  
Many

23. Intervals Drilled By  
Rotary Tools  
0-TD  
Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name  
None

25. Was Directional Survey Made  
No

26. Type Electric and Other Logs Run  
Comp. Form Density, Dual Laterolog

27. Was Well Cored  
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	691'	12-1/4"	500 sx class H	circ. 50 sx
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29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)  
2143'-52', 60'-63', 69'-90', 2200'-13', 15'-22' and 38'-43' w/1 JSPF (cmt squeeze) 2142'-54' and 58'-65' w/2 JSPF. Cast iron bridge plug @ 2113'. Cement to 1000'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2142'-2243'	4600 gal 7-1/2% HCL, 20000 ga gelled KCL water, 26500# 10/12 sand, and 8000# 10/12 sand

33. PRODUCTION

Date First Production

Production Method (Flowing, gas lift, pumping - Size and type pump)

Well Status (Prod. or Shut-in)

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio

Flow Tubing Press. Casing Pressure Calculated 24-Hour Inflow

Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)

34. Disposition of Gas (Solid, used for fuel, vented, etc.)

Test Witnessed By

35. List of Attachments  
Logs mailed on 3-30-81

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Cathy L. Forman TITLE Asst. Admin. Analyst DATE 1-6-83

0+2-NMOCDS/F 1-HOU 1-SUSP 1-CLF 1-Amerada 1-Amerigas 1-Cities Serv.  
1-Chococo 1-CO2 in Action 1-Excelsior 1-Sun. Tex.



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

Form C-103  
Revised 10-1-77

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LAND OFFICE	
OPERATOR	

Sub. Indicate Type of Lease  
State  Fed   
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS  
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REPER OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO DRILL OR REPER FOR SUCH PROPOSALS.

1. OIL WELL  GAS WELL  CO2 OTHER

2. Name of Operator  
Amoco Production Company

3. Address of Operator  
P. O. Box 68, Hobbs, New Mexico 88240

4. Location of well  
UNIT LETTER F 1980 FEET FROM THE North 1980 LINE AND FEET FROM  
THE West 13 LINE, SECTION 20-N 31-E TOWNSHIP RANGE NMPM.

7. Unit Agreement Name  
BDCDGU

8. Farm or Lease Name  
BDCDGU 2031

9. Well No.  
131

10. Field and Pool, or Annual  
Und. Tubb

11. Elevation (Show whether DF, RT, CR, etc.)  
4685' GL

12. County  
Harding

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

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 checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Progress or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Moved in completion unit 3-22-81. Drilled cement 2163'-2252'. Perforated 2143'-52', 2160'-63', 2169'-90', 2200'-13', 2215'-22', 2238'-43' with 1 JSPF. Acidized with 3200 gal 7-1/2% HCL acid. Fraced with 20000 gal Gelled 2% KCL water with 26500# 10/20 sand and 8000# 10/12 sand. Swab test. Run cement retainer to 2073'. Pump 150 sx class H cement. Obtained 1500 psi squeeze. Reverse out 42 sx. Run 4-3/4" bit. Tag cement at 2072'. Test casing to 600 psi for 15 min. OK. Drill cement and retainer from 2073'-2190'. Test squeeze to 600 psi for 30 min. OK. Perforate 2142'-54', 2158'-65', with 2 JSPF. Acidized with 1400 gal 7-1/2% HCL acid. Set a cast iron bridge plug at 2113'. Circulate 13.5 bbl and spot 5 bbl cement slurry. Displace with 7 bbl water and pull tubing to 1202'. Spot 5 bbl cement slurry and displace with 3 bbl water. Pulled tubing to 1000' and circ. hole with 36 bbl fresh water. Pulled tubing. Cut off bradenhead and moved out service unit 12-20-82. Turned well over to surface owner. (Well PxA)

0+2-NMOCD,SF 1-HOU 1-SUSP 1-CLF 1-Amerada 1-Amerigas 1-Cities Serv.  
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18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Cathy L. German TITLE Assist. Admin. Analyst DATE 1-6-83

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

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