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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease

State ☐ Fee ☒

5. State Oil & Gas Lease No.

## SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL UP TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT - (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

1. Name of Operator

Amoco Production Company

2. Address of Operator

P. O. Box 68 - Hobbs, NM 88240

3. Location of Well

UNIT LETTER D 660 FEET FROM THE North LINE AND 330 FEET FROM

THE West LINE, SECTION 12 TOWNSHIP 21-S RANGE 36-E N.M.P.M.

7. Unit Agreement Name

8. Farm or Lease Name

McQuatters

9. Well No.

5

10. Field and Pool, or Wildcat

Und. Drinkard

15. Elevation (Show whether DF, RT, GR, etc.)

3530.3 GL

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 ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

TEMPORARILY ABANDON ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐

CHANGE PLANS ☐

CASING TEST AND CEMENT JOB ☒

OTHER ☐

16. 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.

Drilled to a TD of 5096' and ran 9-5/8" casing set at 5096'. Cemented with 600 sx Hallide cement with 1/4# flocele/sx and 8# salt/sx and 400 sx Class C cement with 10# Gilsonite/sx and 1/4# flocele/sx and 2% CACL. Followed with 1700 sx Hallide cement with 1/2# flocele/sx and 8# salt/sx and 100 sx Class C cement with 2% CACL. Plugged down 11:38 a.m. 12-9-79. WOC. 18 hrs. Tested 9-5/8" casing and had a leak 4440'-4460'. Ran a cement retainer set at 4226'. Cemented to TD with 100 sx Class C cement. WOC 8-1/2 hrs. Squeezed 9-5/8" casing with 400 sx Thickset cement with 5# Gilsonite/sx and 1/4# Flocele/sx and 2% CACL and 200 sx Class C cement with 1-1/4# Flocele/sx and 2% CACL. Squeezed with 800# pressure. Reversed out 34 sx. WOC 18 hrs. Drill cement and retainer from 4225'-4460'. Tested casing with 1000# for 30 min. Test OK. Reduced hole to 8-3/4" and resumed drilling.

Request permission to change cementing program to circulate to the surface on the 7" production string.

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

SIGNED Bob Harris TITLE Asst. Admin. Analyst DATE 12-12-79

APPROVED BY [Signature] TITLE [Signature] DATE DEC 19 1979

CONDITIONS OF APPROVAL, IF ANY:

0+4 - NMOC-D-H 1-Hou 1-Susp 1-BD

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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

## SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR THE PURPOSE OF REPORTING ON A WELL THAT HAS BEEN PLUGGED BACK TO A DIFFERENT RESERVOIR.  
(SEE REGULATION FOR REPORTING ON A WELL PLUGGED BACK TO A DIFFERENT RESERVOIR.)

6. Indicate Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Lease
8. Name of Operator Amoco Production Company		8. Name of Lease Name McQuatters
9. Address of Operator P. O. Box 68 - Hobbs, NM 88240		9. Well No. 5
10. Location of Well UNIT LETTER <u>D</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM THE <u>West</u> LINE, SECTION <u>12</u> TOWNSHIP <u>21-S</u> RANGE <u>36-E</u> NMPV.		10. Field and Pool, or Wildcat Und. Drinkard
11. Elevation (Show whether DF, RT, GR, etc.) 3530.3 GL		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 ☐  
TEMPORARILY ABANDON ☐  
PULL OR ALTER CASING ☐  
OTHER ☐

PLUG AND ABANDON ☐  
CHANGE PLANS ☐  
OTHER ☐

REMEDIAL WORK ☐  
COMMENCE DRILLING OPNS. ☒  
CASING TEST AND CEMENT JOB ☒  
OTHER ☐

ALTERING CASING ☐  
PLUG AND ABANDONMENT ☐  
OTHER ☐

13. 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.

On 11-13-79 Verna Drilling Company (Rig #11) spud a 17½" hole at 9:00 p.m. Drilled to a TD of 1251' and ran 13-3/8" casing set at 1251'. Cemented with 700 sx Class C cement with 3% sodium silicate and 150 sx Class C cement with 2% CACL. Plugged down at 11:00 p.m. 11-16-79. Circulated 150 sx. WOC 24 hrs. Tested casing with 1000# for 30 min. Test OK. Reduced hole to 12¼" and resumed drilling.

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

SIGNED Bob Davis TITLE Asst. Admin. Analyst DATE 12-12-79

APPROVED BY [Signature] TITLE [Signature] DATE DEC 12 1979

CONDITIONS OF APPROVAL, IF ANY:

0+4 - NMOC-D-H 1-Hou 1-Susp 1-BD

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# NEW MEXICO OIL CONSERVATION COMMISSION

30-025-26531

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. Firm or Lease Name McQuatters	
2. Name of Operator Amoco Production Company		9. Well No. 5	
3. Address of Operator P. O. Box 68, Hobbs, NM 88240		10. Field and Pool, or Wildcat Und. Drinkard	
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>12</u> TWP. <u>21-S</u> RGE. <u>36-E</u> NMMPM		11. County Lea	
19. Proposed Depth 6900		19A. Formation Drinkard	
20. Rotary or C.T. Rotary		21. Elevations (show whether DT, RL, etc.) 3530.3 GL	
21A. Kind & Status Plug. Bond Blanket-On-File		21B. Drilling Contractor Verna #11	
22. Approx. Date Work will start 11-5-79			

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	1260'	Circ	Surf
12-1/4" or 8-3/4"	*9-5/8" or 7"	40#	5100'	Circ	Surf
8-3/4"	7"	20#, 23# & 26#	4800-6900'	Tie back to 9-5/8"	Btm of 9-5/8"

\*9-5/8" intermediate casing will be run if lost circulation occurs above top of Glorietta Gas Zone. If no lost circulation is encountered by top of Glorietta, will reduce hole to 8-3/4" and run a full string of 7" casing at TD.

Propose to drill and equip well in the Drinkard formation. After reaching TD, logs will be run and evaluated; perforate and/or stimulate as necessary in attempting commercial production. After testing the Drinkard, the Blinberry will be tested for possible dual completion.

Mud Program: 0 - 1260' Native mud and fresh water.  
1260' - TD Commercial mud and brine with minimum properties for safe hole conditions.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

BOP Program attached.

EXPIRES Jan 30 1980

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Bob Lewis Title Asst. Admin. Analyst Date 10-29-79

(This space for State Use)

Geologist

NOV - 1 1979

APPROVED BY John W. Remy TITLE Geologist DATE NOV - 1 1979

CONDITIONS OF APPROVAL, IF ANY:

0+4-NMOCD,H 1-Hou 1-Susp 1-BD