

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**I-89-IND-58**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**Navajo**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**USC Section 18**

9. WELL NO.

**33**

10. FIELD AND POOL, OR WILDCAT

**Hogback Dakota**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

**SE/4 SW/4 Section 18,  
T-29-N, R-16-W**

12. COUNTY OR PARISH

**San Juan**

13. STATE

**New Mexico**

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

**AMOCO PRODUCTION COMPANY**

3. ADDRESS OF OPERATOR

**301 Airport Drive, Farmington, New Mexico 87401**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

**2400' FWL & 540' FSL**

14. PERMIT NO.

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

**3018' GL ungraded**

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) **Spud & set casing** ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

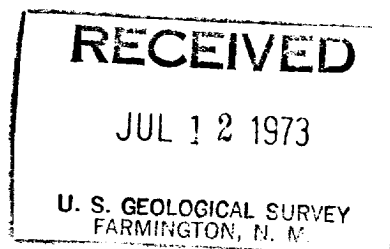
REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

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.)\*

An 11" hole was spudded at 12:00 noon on July 6, 1973, and drilled to 67'. The 7-5/8" casing was set at 67' with 50 sacks Class "A" cement with 21 CaCl<sub>2</sub>, July 6, 1973. The cement circulated. The hole was reduced to 6-3/4" at 67' and drilling resumed.



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

SIGNED Original Signed by  
**J. ARNOLD SNELL**

TITLE **Area Engineer**

DATE **July 10, 1973**

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

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**I-89-IND-58**

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**Navajo**

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**USG Section 18**

9. WELL NO.

**33**

10. FIELD AND POOL, OR WILDCAT

**Hogback Dakota**

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

**SE/4 SW/4 Section 18,  
T-29-N, R-16-W**

12. COUNTY OR PARISH 13. STATE

**San Juan**

**New Mexico**

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

**AMDCO PRODUCTION COMPANY**

3. ADDRESS OF OPERATOR

**301 Airport Drive, Farmington, New Mexico 87401**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

**2400' FWL & 540' FWL**

14. PERMIT NO.

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

**5018' GL est.**

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) **Set casing** ☒

REPAIRING WELL ☐

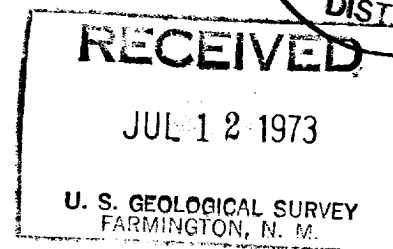
ALTERING CASING ☐

ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

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.)\*

**On July 9, 1973, the 5-1/2" casing was set at 688' with 100 sacks Class "A" cement with 2% CaCl<sub>2</sub>. The cement circulated.**



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

Original Signed by

SIGNED **J. ARNOLD SNELL**

TITLE **Area Engineer**

DATE **July 9, 1973**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

**I-89-IND-58**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**Navajo**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**U.S.G. Section 18**

9. WELL NO.

**33**

10. FIELD AND POOL, OR WILDCAT

**Hogback Dakota**11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA**SE/4 SW/4 Section 18,  
T-29-N, R-16-W**12. COUNTY OR  
PARISH**San Juan**

13. STATE

**New Mexico**

1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

**AMOCO PRODUCTION COMPANY**

3. ADDRESS OF OPERATOR

**501 Airport Drive, Farmington, New Mexico 87401**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface **2400' FWL & 540' FSL**At top prod. interval reported below **Same**At total depth **Same**

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

**7-6-73**

16. DATE T.D. REACHED

**7-12-73**

17. DATE COMPL. (Ready to prod.)

**7-30-73**

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*

**5018' CL, 5022' KB**

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

**691' KB**

21. PLUG, BACK T.D., MD &amp; TVD

**-**22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY**Surf.-TD**

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

**690-691' Dakota**25. WAS DIRECTIONAL  
SURVEY MADE**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**Gamma Ray-Neutron**

27. WAS WELL CORED

**No**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<b>7-5/8"</b>	<b>26.4#</b>	<b>67'</b>	<b>11"</b>	<b>50 sz</b>	<b>-</b>
<b>5-1/2"</b>	<b>14#</b>	<b>688'</b>	<b>6-3/4"</b>	<b>100 sz</b>	<b>-</b>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					<b>2-3/8"</b>	<b>683'</b>	

31. PERFORATION RECORD (Interval, size and number)

**None**

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

WITH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

**None**

33.\*

DATE FIRST PRODUCTION

**7-30-73**

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

**Pumping**WELL STATUS (Producing or  
shut-in)**Producing**

DATE OF TEST

**7-30-73**

HOURS TESTED

**24**

CHOKER SIZE

**-**PROD'N. FOR  
TEST PERIOD**→**

OIL—BBL.

**23**

GAS—MCF.

**0**

WATER—BBL.

**70**

GAS-OIL RATIO

**-**

FLOW. TUBING PRESS.

**5**

CASING PRESSURE

**0**CALCULATED  
24-HOUR RATE**→**

OIL—BBL.

**23**

GAS—MCF.

**0**

WATER—BBL.

**70**

OIL GRAVITY-API (CORR.)

**61**

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

**J. ARNOLD SNELL**

TITLE

**Area Engineer**

DATE

**8-1-73**

\*(See Instructions and Spaces for Additional Data on Reverse Side)



Amoco Production Company

501 Airport Drive  
Farmington, New Mexico 87401

August 1, 1973

File: LOS-306-400.1

Re: Form C-104  
Hogback Dakota Field  
USG Section 18 No. 33

*Well File*

Mr. E. C. Arnold  
New Mexico Oil Conservation Commission  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

Dear Sir:

Attached is the C-104 for the subject well. Due to the shallow nature of these wells (600-700') no deviations were taken and the Tabulation of Deviation form has been omitted.

Yours very truly,

*L. O. Speer, Jr.*

L. O. Speer, Jr.  
Area Superintendent

RKK:en  
Attach.

