

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-21279

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

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. <b>I-89-IND-58</b>		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo</b>		
2. NAME OF OPERATOR <b>AMOCO PRODUCTION COMPANY</b>			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR <b>501 Airport Drive, Farmington, New Mexico 87401</b>			8. FARM OR LEASE NAME <b>USC Section 19</b>		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface <b>2210' FWL &amp; 1855' FWL</b> At proposed prod. zone <b>Same</b>			9. WELL NO. <b>36</b>		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>9 miles southeast of Shiprock, New Mexico</b>			10. FIELD AND POOL, OR WILDCAT <b>Hogback Dakota</b>		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>950'</b>			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SE 1/4 NE 1/4 Section 19, T-29-N, R-16-W</b>		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>310'</b>			12. COUNTY OR PARISH <b>San Juan</b>		
16. NO. OF ACRES IN LEASE <b>4160</b>			13. STATE <b>New Mexico</b>		
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40 joint</b>			20. ROTARY OR CABLE TOOLS <b>Rotary</b>		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5116' GL est.</b>			22. APPROX. DATE WORK WILL START* <b>May, 1973</b>		

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MAY 15 1973  
OIL CON. COM.  
DIST. 3

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7"	20#	20'	75 sz
6-1/8"	5-1/2"	14#	670'	100 sz

Amoco proposes to drill this well with rotary tools and run 5-1/2" casing to top of Dakota, drill Dakota pay sand and complete in open hole.

Copies of Location Plat attached.

Copies of logs will be furnished upon completion, if logged.

Copies of Development Plan attached.

This well in accordance with NMOC Order No. R-3296.

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FARMINGTON, N. M.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Original Signed By  
**J. ARNOLD CHELL**  
SIGNED \_\_\_\_\_ TITLE **Area Engineer** DATE **May 11, 1973**

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

*OK*

\*See Instructions On Reverse Side

NEW MEXICO  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes Form  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Lessee <b>Amoco Production Company</b>			Lease <b>USG Section 19</b>		Well No. <b>36</b>
Section <b>19</b>	Township <b>29N</b>	Range <b>16W</b>	County <b>San Juan</b>		

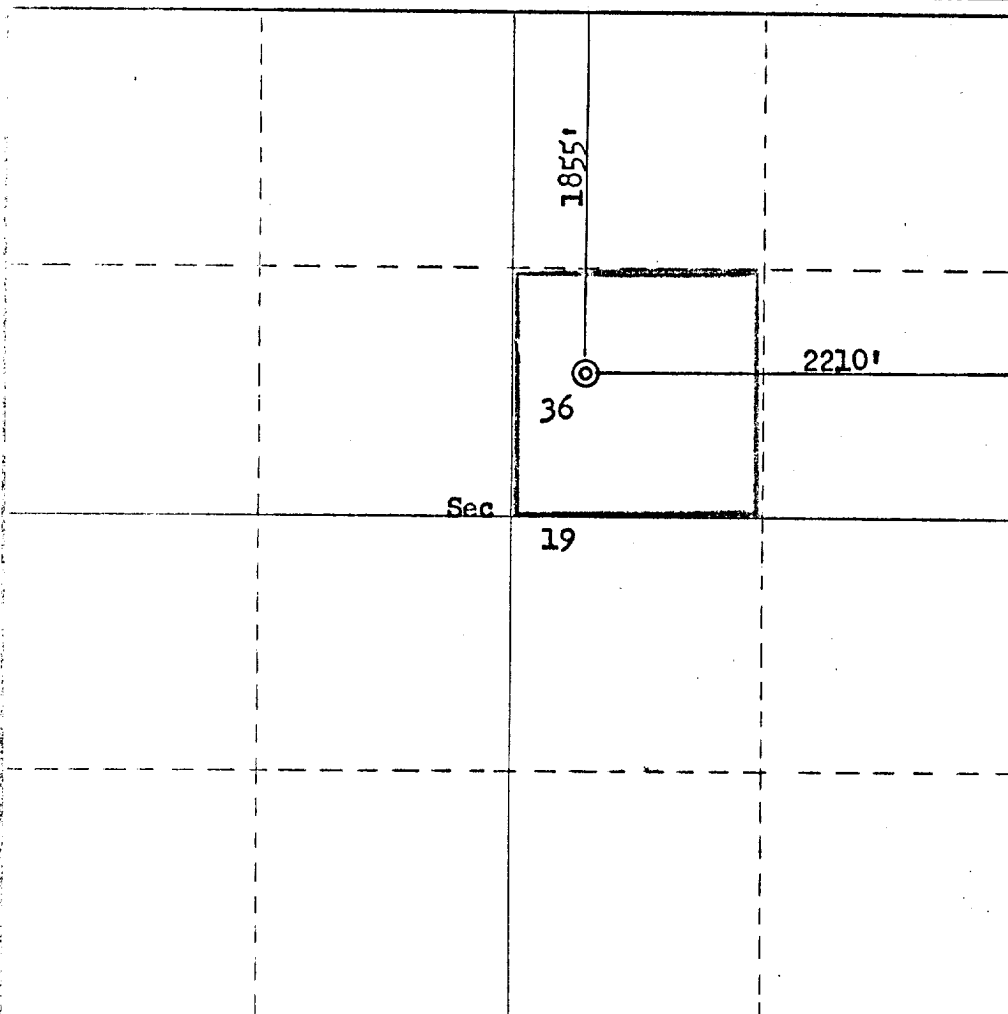
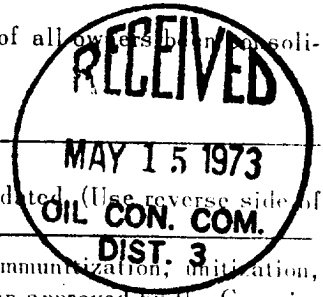
Actual Well Location of Well:  
 1855' feet from the **North** line and **2210** feet from the **East** line.  
 Producing Formation **Dakota** Pool **Hogback Dakota** Dedicated Acreage **40 joint** Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name **J. Arnold Snell**  
 Position **Area Engineer**  
 Company **AMOCO PRODUCTION COMPANY**  
 Date **May 11, 1973**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed **May 8, 1973**  
 Registered Professional Engineer and/or Land Surveyor  
**Fred B. Ker...**  
 3950