

30-045-25602

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Amoco Production Company

3. ADDRESS OF OPERATOR
 501 Airport Drive, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with applicable requirements)
 At surface 1710' FNL x 880' FEL
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approx. 3 miles northeast of Farmington, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 880'

16. NO. OF ACRES IN LEASE 2402.59² 2522.59

17. NO. OF ACRES ASSIGNED TO THIS WELL 320 N 293.05

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2903'

19. PROPOSED DEPTH 6800'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5917' GL

22. APPROX. DATE WORK WILL START* As soon as permitted

5. LEASE DESIGNATION AND SERIAL NO.
 SF 81239 081239

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 L. C. Kelly

9. WELL NO.
 3E

10. FIELD AND POOL, OR WILDCAT
 Basin Dakota

11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA
 SE/NE, Section 4, T30N, R12W

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

RECEIVED
 JAN 28 1983
 U. S. GEOLOGICAL SURVEY
 FARMINGTON, N. M.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/2"	8-5/8"	32# K-55	300'	354 cu. ft. Class B with 2% CaCl ₂
7-7/8"	4-1/2"	10.5# K-55	6800'	Stage 1: 616 cu. ft. Class B 50:50 POZ, 2# med tuf plug/sx, .8% FLA. Tail in with 118 cu. ft. Class B Neat.
				Stage 2: 1182 cu. ft. Class B 65:35 POZ, 2# med tuf plug/sx, .8% FLA. Tail in with 118 cu. ft. Class B Neat.

Amoco proposes to drill the above well to further develop the Basin Dakota reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids non-dispersed mud system. Completion design will be based on open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventor design.

The gas from this well is dedicated to El Paso Natural Gas Co. under Contract No. 56742.

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS". This action is subject to administrative appeal pursuant to 30 CFR 290.

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 FEB 22 1983

OIL CON. DIV.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production 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 D. H. SHOEMAKER TITLE District Engineer DATE January 19, 1983

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY _____ TITLE _____ DATE _____

APPROVED AS AMENDED
 FEB 18 1983
 JAMES F. SIMS
 DISTRICT ENGINEER

NSP for both wells
 NMOCC

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

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

AMOCO PRODUCTION COMPANY		Lease L. C. KELLY		Well No. 3E
Quarter	Section 4	Township 30N	Range 12W	County San Juan
Footage Location of Well: 0 feet from the North line and 880 feet from the East line				
Level Elev: 7	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 320.298.05 Acres	

Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

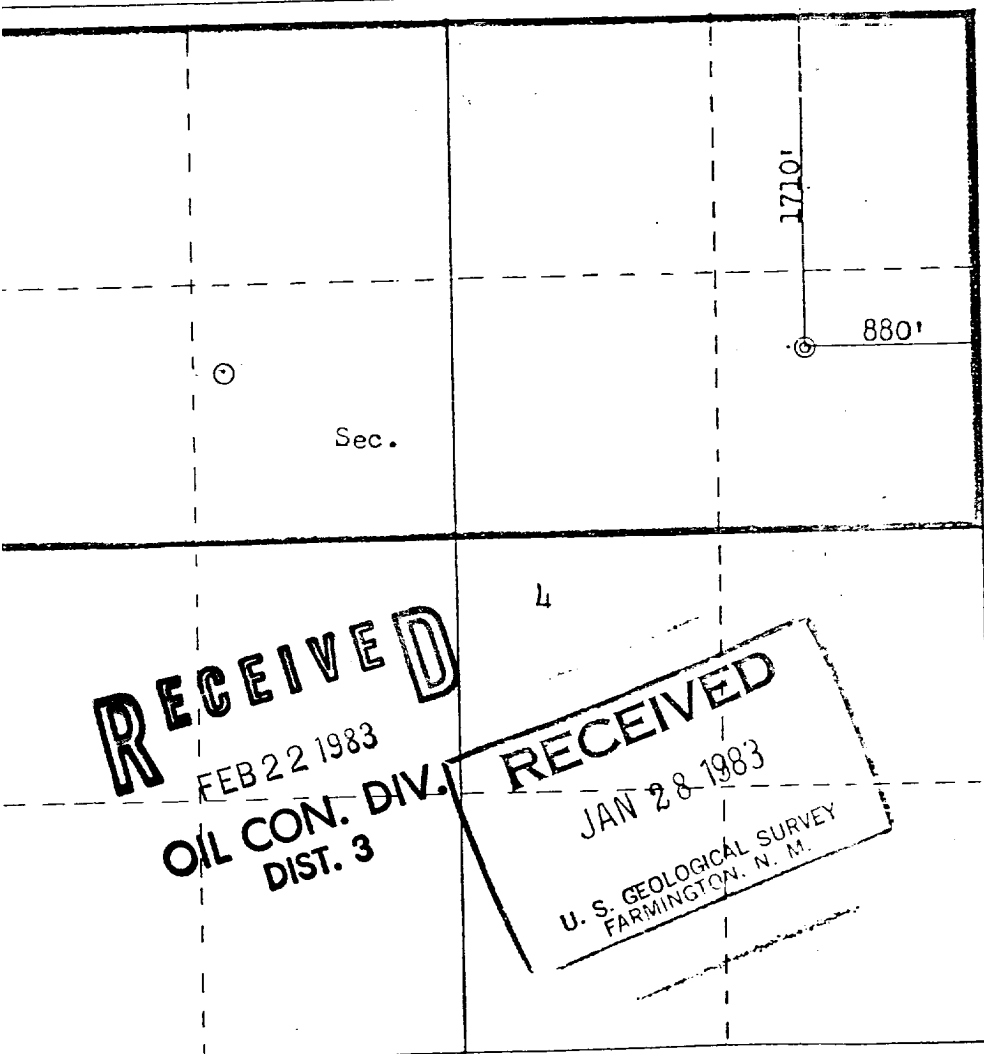
If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.

D. H. Shoemaker

Name
D. H. SHOEMAKER

Position
DISTRICT ENGINEER

Company
AMOCO PRODUCTION COMPANY

Date
JANUARY 11, 1983

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
December 22, 1982

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No. 3950

Scale: 1"=1000'