

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-22844

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

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS OF OPERATOR

501 Airport Dr., Farmington, N.M. 87401

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

At surface

1220' FNL X 2250' FEL

At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1220'

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

3188'

16. NO. OF ACRES IN LEASE

2558.02

19. PROPOSED DEPTH

8800'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

P.C. 160 OK E/320

20. ROTARY OR CABLE TOOLS

Rotary

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

7406' G.L.

22. APPROX. DATE WORK WILL START*

As soon as permitted.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/2"	9-5/8" (New)	32.3#	300'	300 sx Class "B" x CaCl2-Circ.
8-3/4"	7" (New)	23#	4600'	708 sx-cementing procedure below
6-1/4"	4-1/2" (New)	11.6#	8800'	552 sx-cementing procedure below

Amoco Production Company proposes to drill the above well to further develop the Gobernador Pictured Cliffs reservoir and to test the Basin Dakota reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to the Intermediate TD with a low solids nondispersed mud system. The well will then be drilled to TD with gas. Completion design will be based on open hole logs. Copies of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventor design. Upon completion, the well location will be cleaned and the reserve pit filled and leveled. The gas produced from this well is not dedicated to a gas sales contract. An application for approval of this unorthodox location will be filed with the Santa Fe office of the NMOC.

CEMENTING PROCEDURES

7" Int. Casing-608 sx Class "B" w/50-50 POZ, 6% gel, 2# med. tuf plug/sx, and 0.8% FLA. Tail in with 100 sx Class "B" Neat-circ.

4-1/2" Prod. Casing-452 sx Class "B" w/50-50 POZ, 6% gel, 2# med. tuf plug/sx, and 0.8% FLA. Tail in with 100 sx Class "B" Neat-circ.

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 prevention program, if any.

24.

SIGNED Wayne L PetersonTITLE District EngineerDATE 9-3-81

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY [Signature]TITLE Acting Dist. Super.

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-

STATE OF NEW MEXICO

OIL AND MINERALS DEPARTMENT

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

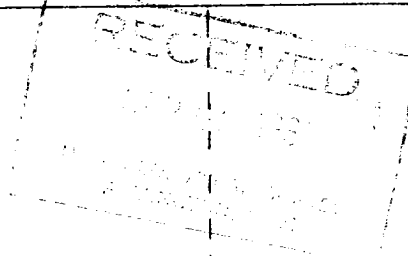
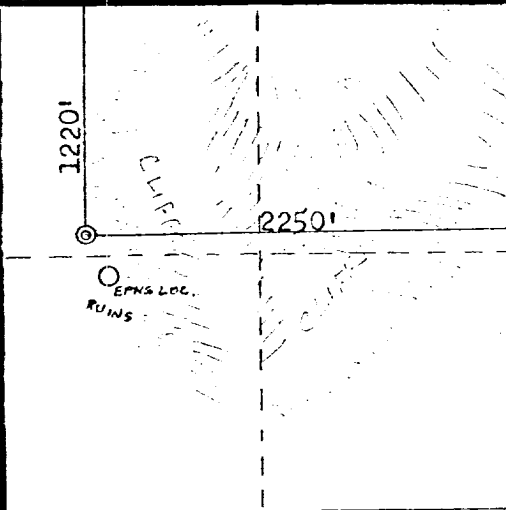

Operator AMOCO PRODUCTION COMPANY			Lease SAN JUAN 29-4 UNIT		Well No. 24
Unit Letter B	Section 8	Township 29N	Range 4W	County Rio Arriba	
Actual Footage Location of Well: 1220 feet from the North line and 2250 feet from the East line					
Ground Level Elev. 7406	Producing Formation Dakota/Pictured Cliffs		Pool Basin Dakota/ Gobernador Pictured Cliffs		Dedicated Acreage: 320/320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 Unitization

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.

			
Amoco WI: 100%			
Sec.		8	
			

Scale: 1"=1000'

CERTIFICATION

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

Wayne L. Peterson

Name
W. L. PETERSON

Position
DISTRICT ENGINEER

Company
AMOCO PRODUCTION COMPANY

Date
SEPTEMBER 2, 1981

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

August 6, 1981

Registered Professional Engineer
and Land Surveyor

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

Certificate No. **3950**