

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-23165

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, NM 87401

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

At surface

855' FSL x 1570' FEL

At proposed prod. zone

Same

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

21 miles north of Counselor, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

855'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

3400'

16. NO. OF ACRES IN LEASE

2559.16

19. PROPOSED DEPTH

8040'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

E 320

20. ROTARY OR CABLE TOOLS

Rotary

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

6936' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"

PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

As soon as permitted

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32.3# H-40	0-300'	150 cu. ft. Class "B" Neat
8-3/4"	7"	20# K-55	0-3700'	640 cu. ft. Class "B" Neat 65:35 POZ
6-1/4"	4-1/2"	10.5# K-55	0-8040'	1240 cu. ft. Class "B" Neat 65:35 POZ

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 to 3700' using a low solids non-dispersed mud system and to TD using gas. Completion design will be based on open hole logs. A copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design.

The gas from this well is not dedicated to a gas sales contract.

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.

SIGNED

TITLE

District Engineer

DATE

2-10-83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
FEB 18 1983OIL CON. DIV.
DIST. 3APPROVED
AS AMENDEDFEB 16 1983
JAMES F. SIMS
DISTRICT ENGINEER

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.

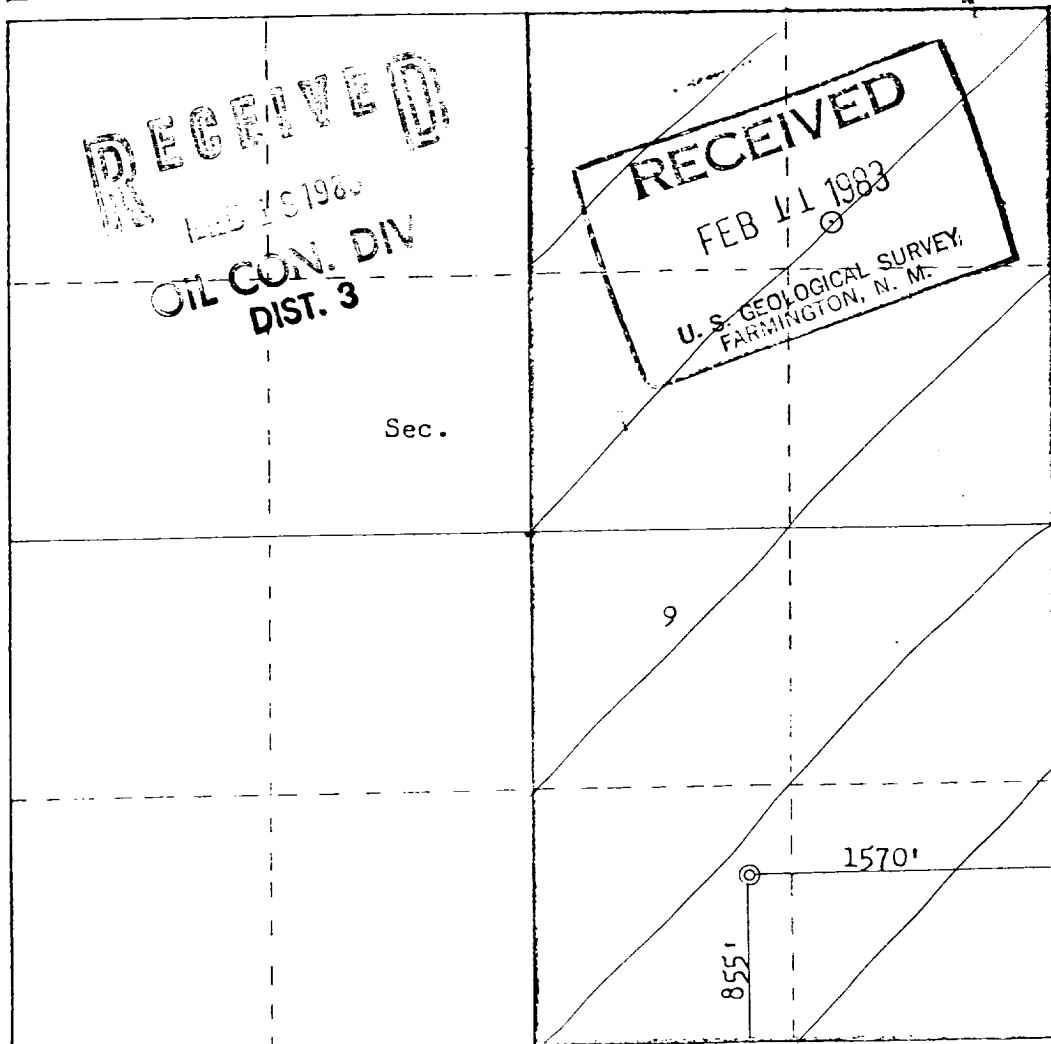
Operator AMOCO PRODUCTION COMPANY			Lease JICARILLA APACHE TRIBAL 151		Well No. 6E
Unit Letter 0	Section 9	Township 26N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 855 feet from the South line and 1570 feet from the East line					
Ground Level Elev: 6936	Producing Formation Dakota	Pool Basin Dakota		Dedicated Acreage: E 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 _____

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.

Dale H. Shoemaker

Name
D.H. SHOEMAKER

Position
DISTRICT ENGINEER

Company
AMOCO PRODUCTION COMPANY

Date
JANUARY 17, 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
November 15, 1982

Registered Professional Engineer and Land Surveyor

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

Certificate No. _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
-
2. NAME OF OPERATOR
Amoco Production Company
-
3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, NM 87401
-
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 855' FSL x 1570' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same
-
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- | | |
|----------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> |
| (other) spud and set | |

SUBSEQUENT REPORT OF:

- [illegible]

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

5. LEASE
Jicarilla Apache Tribal 151
-
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache
-
7. UNIT AGREEMENT NAME
-
8. FARM OR LEASE NAME
Jicarilla Apache Tribal 151
-
9. WELL NO.
6E
-
10. FIELD OR WILDCAT NAME
Basin Dakota
-
11. SEC., T., R., M., OR BLK. AND SURVEY OR
AREA SW/SE, Section 9, T26N, R5W
-
- | | |
|------------------------------------|-------------------------|
| 12. COUNTY OR PARISH
Rio Arriba | 13. STATE
New Mexico |
|------------------------------------|-------------------------|
-
14. API NO.
30-039-23165
-
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6936' GL

(NOTE: Report results of multiple completion or zone change on Form 9-320.)

OIL CON. DIV.,
DIST. 3

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.)*

Moved in rotary rig and spudded a 12-1/4" hole on 5-25-83. Drilled to 331' and landed 9-5/8", 40#, HC-95 casing at 331'. Cemented with 420 cu. ft. Class B cement containing 2% CaCl₂. Circulated to surface. Pressure tested casing to 1500 PSI. Drilled an 8-3/4" hole to 3725' and landed 7", 26#, 20#, and 23# intermediate casing at 3725'. Cemented with 770 cu. ft. Class B 50:50 POZ cement and tailed in with 118 cu. ft. Class B neat cement. Drilled a 6-1/8" hole and reached a TD of 7952 on 6-3-83. Set 4-1/2", 10.5#, K-55 casing at 7952'. Cemented first stage with 231 cu. ft. Class B 50:50 POZ cement, Tailed in with 118 cu. ft. Class B neat cement. Cement second stage with 296 cu. ft. Class B 65:35 POZ cement and tailed in with 118 cu. ft. Class B neat. DV tool set at 5974'. Released rig on 6-4-83.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Original Signed By D.P. Layson TITLE Dist. Admin. Supvr. DATE 7/5/83

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE **ACCEPTED FOR RECORD**

JUL 26 1983

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

BY

5mm

NMOCC