

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 Co.

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, N M 87401

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

At surface

1585' FSL X 1505' FEL

At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR FARMINGTON RESOURCE AREA

90 miles SE of Bloomfield, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

1505'

16. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

2200' W

18. NO. OF ACRES IN LEASE

2565.6

19. PROPOSED DEPTH

8371'

20. NO. OF ACRES ASSIGNED

TO THIS WELL

320/40

21. ROTARY OR CABLE TOOLS

Rotary

22. LOCATION OF WELL (If different from 4, specify)

7115' GR

23. APPROX. DATE WORK WILL START*

As soon as permitted

PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"

354 C.F. Class B

1890 C.F. Class B

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	9-5/8"	36#, K-55	300'
8-3/4"	7"	20#, K-55	8371'
		23#, N-80	

Amoco proposes to drill the above well to further develop the Wildcat GLP/Wildcat DK 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 nondispersal 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 preventer design. Upon completion the well site will be cleaned and the reserve pit filled and leveled. The gas from this well is undedicated at this time.

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. If blowout prevention program, if any.

SIGNED

B D Shaw

TITLE

Adm. Supervisor

DATE

6-3-85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

JUL 29 1985

Zs/J. Stan McKee
M. MILLENBACH
AREA MANAGER

NMCCC

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 10-1
Supervisors
Edition 10-84

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

Operator AMOCO PRODUCTION COMPANY			Lease JICARILLA CONTRACT 491		Well No. 1
Unit Letter J	Section 32	Township 28N	Range 2W	County Rio Arriba	
Actual Footage Location of Well: 1585 feet from the South line and 1505 feet from the East line					
Ground Level Elev. 7115	Producing Formation Gallup/Dakota	Pool Wildcat		Dedicated Acreage: 320/40 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.

RECEIVED
JUN 06 1985
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

Sec. _____

RECEIVED
JUL 31 1985
OIL CON. DIV. 1
DIST. 3

32

1585'

1505'

Scale: 1"=1000'

CERTIFICATION

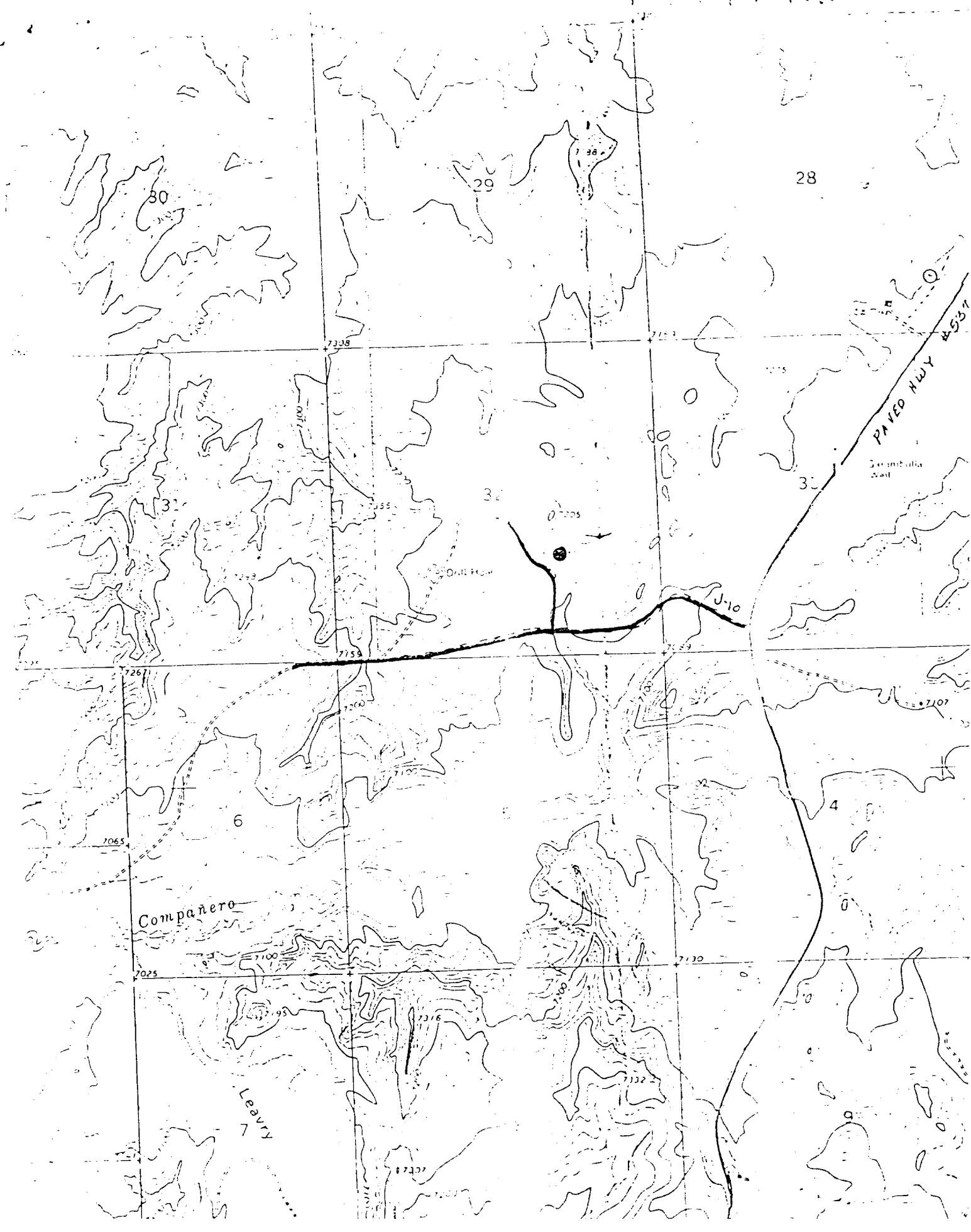
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

B. D. Shaw

Name B. D. Shaw
Position Adm. Supervisor
Company Amoco Production Co.
Date 6-3-85

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 28, 1985
Registered Professional Engineer and Land Surveyor <i>Fred B. Kent Jr.</i> Fred B. Kent Jr.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

REMIFF IN TRIPLICATE
(Other Instructions on re-
verse side)

Form Approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug wells. Use "APPLICATION FOR PERMIT" for such purposes.)

RECEIVED

JUL 31 1985

OIL CON. DIV.
DIST. 3

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR

Amoco Production Co.

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, N.M. 87401

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

1585' FSL x 1505' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DT, RT, CR, etc.)

7115' GR

6. JICARILLA Contract 49

7. JICARILLA Apache

8. FARM OR LEASE NAME

Jicarilla Contract 491

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat GLP/ Wildcat DK

11. SEC., T., R., M., OR BLM, AND
ACREAGE OR AREA

NW/SE Sec 32, T28N, R2W

12. COUNTY OR PARISH 13. STATE

Rio Arriba NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACURE TREATMENT ☐

SHOOT OR ACIDIZE ☐

EXPLOSION ☐

REEL OR ALTER CASING ☐

MULTIPLE COMPLETION ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(OLD)

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE) Clarify cementing operations

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

17. OTHER COMMENTS OR COMMENTS ON OPERATIONS (Clearly state all pertinent details, and give pertinent data, 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 tools pertinent to this work.)

Amoco proposes to two stage cement the subject well to surface leaving no mudgaps. The stage collar is to be set at 4000'.

First Stage Lead Cement

658 ft³ 50:50 Class B, 12-1/2#/sk gilsonite, 10% Diacel D, 8.62 gal/sk
1.85 ft³/sk, 12.3 ppg. Cement interval from 6300'-4000'

First Stage Tail Cement

593 ft³ 50:50 Class B, 2% gel, 10% salt, .6% FLA, 1/4 ppsk Flocele, 5.24
gal/sk, 1.21 ft³/sk, 13.9 ppg. Cement interval from 8371'-6300'

Second Stage Cement

1145 ft³ 50:50 Glass B, 10% salt, 10% CalSeal, 1/4 ppsk Flocele, 6.28
gal/sk, 1.42 ft³/sk, 13.5 ppg. Cement interval from 4000'-surface.

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

SIGNED

BA Shaw

TITLE Adm. Supervisor

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED

AS 4724B&D

/s/ J. Stan McKee

DATE

*See Instructions on Reverse Side