

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 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

880' FNL X 1190' FWL

At proposed prod. zone

Same

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

7 miles southeast of Bloomfield, NM

10. DISTANCE FROM PROPOSED*

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

1070'

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*

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

600' W

19. PROPOSED DEPTH

8093'

20. ROTARY OR CABLE TOOLS

Rotary

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

7030' GR

DRILLING OPERATIONS AUTHORITY

SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"

22. APPROX. DATE WORK WILL START*

As soon as permitted

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

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|---|
| 12-1/4" | 8-5/8" | 24#, K-55 | 300' | 354 cu. ft. Class B |
| 7-7/8" | 5-1/2" | 15.5#, K-55 | 8093' | 2027 cu. ft. Class B (This string may be two staged but the cement types and volumes remain the same.) |

Amoco proposes to drill the above well to further develop the West Lindrith Gallup-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 nondispersed 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 dedicated to Northwest Pipeline under contract No. 36,886.

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

SIGNED

B. D. Shaw

TITLE

Administrative Supervisor

DATE

9/21/84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DEC 14 1984

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

/s/ J. Stan McKee

FARMINGTON, NM

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-77

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

| | | | | | |
|--|---|------------------------|--|-----------------------------|--|
| Operator AMOCO PRODUCTION COMPANY | | | Lease JICARILLA CONTRACT 1148 | | Well No. 32 |
| Unit Letter D | Section 14 | Township 25N | Range 5W | County Rio Arriba | |
| Actual Footage Location of Wells: 880 feet from the North line and 1190 feet from the West line | | | | | |
| Ground Level Elev: 7002 | Producing Formation Gallup-Dakota | | Pool West Lindrith-Gallup-Dakota | | Dedicated Acreage: 160 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.

| | | |
|---|--|---|
| | | <p>RECEIVED OCT 29 1984</p> |
| <p>Sec. 14</p> | | |
| <p>BUREAU OF LAND MANAGEMENT SANTA FE, NEW MEXICO</p> | | <p>RECEIVED JAN 17 1985 OIL CON. DIV. DIST. 3</p> |
| <p>14</p> | | |

CERTIFICATION

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

Name
B. D. Shaw
Position
Admin. Supervisor
Company
Amoco Production Company
Date
10-29-84

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
October 7, 1984
Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr.
Certificate No. **1000**





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONY ANAYA
GOVERNOR

POST OFFICE BOX 10500
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 821-1500

November 16, 1984

Amoco Production Company
501 Airport Drive
Farmington, NM 87401

Attention: W. J. Holcomb

Administrative Order NSL-1941

Gentlemen:

Reference is made to your application for a non-standard location for your Jicarilla Contract 148 No. 32 to be located 880 feet from the North line and 1190 feet from the West line of Section 14, Township 25 North, Range 5 West, West Lindrith Gallup-Dakota Field, Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 104 FI of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Sincerely,

R. L. Stamets
R. L. STAMETS,
Director

RLS/dp

cc: ✓ Oil Conservation Division - Aztec
Oil & Gas Engineering Committee - Hobbs

RECEIVED
NOV 21 1984
OIL CON. DIV.
DIST. 3



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 11-8-84

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL X _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated 10-22-84
for the Amoco Tric. Cont. 148 #32 D-14-250-SW
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve:

Yours truly,

Em Bussel

October 19, 1984

Mr. Gilbert Quintana
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

File: DDL-1014-400.1

Application for Unorthodox Location
Jicarilla Contract 148 No. 32
West Lindrith Gallup-Dakota Field
Rio Arriba County, New Mexico

Amoco Production Company hereby requests approval of an unorthodox well location for the Jicarilla Contract 148 No. 32. The proposed location is 880' FNL x 1190' FWL of Section 14, T25N, R5W, Rio Arriba County, New Mexico.

This well was staked in the unorthodox location indicated above because the grade was too steep to build a location in the orthodox window.

A copy of this application is being sent by certified mail to the offset lease holder, Southern Union, with the request that they furnish you a waiver of objection and return one copy of the same to me.

Yours very truly,

Original Signed

W. J. Hokomb

by DDI

KRJ/ct

Attachments

✓ cc: Mr. Ernie Bush
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

RECEIVED
OCT 22 1984
OIL CONSERVATION
DIVISION

_____ hereby waives objection to
Amoco's application for an unorthodox location as proposed above.

By: _____

Date: _____

AM18

| | | | | | |
|----|---------------------|----|---------------------|----|---------------------|
| 10 | <i>Amoco</i> | 11 | <i>So. Union</i> | 12 | <i>So. Union</i> |
| 15 | <i>Amoco</i> | 14 | <i>Amoco</i> | 13 | |
| | | | | | |
| 22 | <i>Amerada Hess</i> | 23 | <i>Amoco</i> | 24 | <i>Amoco</i> |
| | | | | | |
| | <i>Texaco</i> | | <i>Amerada Hess</i> | | <i>Amerada Hess</i> |

LINDRITH GALLUP DAKOTA WEST

OIL CONSERVATION DIVISION

P. O. BOX 2088

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-

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

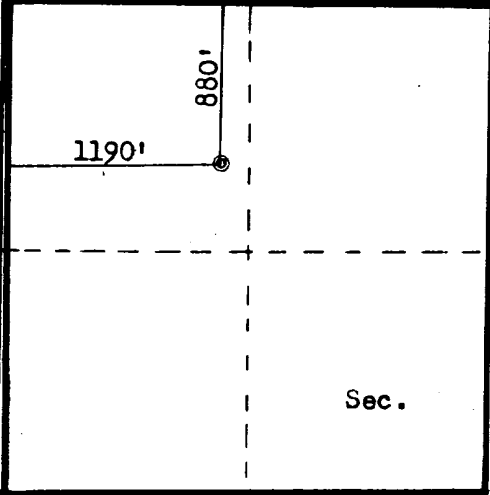
| | | | | |
|---|---|--|--|-----------------------------|
| Operator AMOCO PRODUCTION COMPANY | | Lease JICARILLA CONTRACT 118 | | Well No. 32 |
| Unit Letter D | Section 14 | Township 25N | Range 5W | County Rio Arriba |
| Actual Footage Location of Well: 880 feet from the North line and 1190 feet from the West line | | | | |
| Ground Level Elev: 7002 | Producing Formation Gallup - Dakota | Pool West Lindrith Gallup - Dakota | Dedicated Acreage: 160 Acres | |

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| | | | |
|---|--|-----------|--|
|  | | | |
| | | 14 | |
| | | | |
| | | | |

CERTIFICATION

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

Name _____

Position _____

Company _____

Date _____

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
October 7, 1984Registered Professional Engineer
and Land Surveyor
Fred B. Kern Jr.

Certificate No. _____



Vicinity Map for
AMOCO PRODUCTION CO. #32 JICARILLA CONTRACT 148
880'FNL 1190'FWL Sec. 14-T25N-R5W
RIO ARRIBA COUNTY, NEW MEXICO