

RECEIVED
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

30-039-23249

3. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 124

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Apache Tribal 124

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

West Lindrith Gallup-Dakota

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

SE/SE, Section 24, T25N, R4W

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mexico

APPLICATION FOR ~~DRILL~~ **DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK

DRILL ☒

DIST. 3

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 500' FSL x 740' FEL

At proposed prod. zone

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

9 miles northwest of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

740'

18. DISTANCE FROM PROPOSED LOCATION*

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

2475'

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED

TO THIS WELL

160

19. PROPOSED DEPTH

8035'

20. ROTARY OR CABLE TOOLS

Rotary

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

7150' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

As soon as permitted.

23. PROPOSED CASING AND CEMENTING PROGRAM

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

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	8-5/8" (NEW)	24# K-55	300'
7-7/8"	5-1/2" (NEW)	15.5# K-55	8035'

QUANTITY OF CEMENT

354 cu. ft. Class "B" w/2% CaCl₂-circ

Stage 1 - 255 cu. ft. Class "B" w/
50:50 POZ, 6% gel, 2# med tuf plug/
sx, and 0.8% FLA. Tail in w/118 cu.
ft. Class "B" neat - circ.

Stage 2 - 895 cu. ft. Class "B" w/
65:35 POZ, 6% gel, 2# med tuf plug/
sx, and 0.8% FLA. Tail in w/118 cu.
ft. Class "B" neat - circ.

Amoco proposes to drill the above well to further develop the Gallup-Dakota reservoirs. 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. Copies of all logs will be filed upon completion. Amoco's standard blow-out prevention will be employed; see attached drawing for blowout preventer design.

DV tool set at 5880'.

Upon completion, the well location will be cleaned and the reserve pit filled and leveled.

Gas produced from this well is dedicated to Gas Company of New Mexico under Contract No. 40,825.

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

TITLE District Engineer

DATE 4/28/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

DATE JUL 11 1983

JAMES F. SIMS
DISTRICT ENGINEER

NEED

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

Operator AMOCO PRODUCTION COMPANY			Lease JICARILLA APACHE TRIBAL 124		Well No. 13
Unit Letter P	Section 24	Township 25N	Range 4W	County Rio Arriba	
Actual Footage Location of Well: 500 feet from the South line and 740 feet from the East line					
Ground Level Elev. 7150	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 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?

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☐ Yes ☐ No If answer is "yes," type of consolidation _____ **OIL CON. DIV.**
If answer is "no," list the owners and tract descriptions which have actually been consolidated **Dist. 3** on 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.

Sec.		<p>RECEIVED MAY 6 1983 U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.</p>	
24		740'	
		500'	

Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	Dale H. Shoemaker
Position	District Engineer
Company	Amoco Production Company
Date	4-28-83
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	April 18, 1983
Registered Professional Engineer and Land Surveyor	Fred B. Kert Jr.
Certificate No.	3950

SUPPLEMENTAL INFORMATION TO FORM 9-331C

Jicarilla Apache Tribal 124 No. 13
500' FSL x 740' FEL, Section 24, T25N, R4W
Rio Arriba County, NM

The geological name of the surface formation is the Tertiary San Jose.

Estimated tops of important potential hydrocarbon bearing formations:

<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEVATION</u>
Pictured Cliffs	3520'	3643'
Mesaverde	5190'	1973'
Gallup	6790'	373
Dakota	7680'	-517'
TD	8035'	-872

Estimated KB elevation: 7163'.

Drilling fluid to TD will be a low solids non-dispersed mud system. Open hole logging program will include logs from TD to below surface casing:

FDC-CNL-GR, DIL-GR-SP

Completion design will be based on these logs. No cores or drill stem tests will be taken.

Operations will commence when permitted and last approximately 3 weeks.

Amoco's standard blowout prevention will be employed (see attached drawing).

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DIST. 3

