

N.M.O.C.D. COPY

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)Form approved
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-23061

5. LEASE DESIGNATION AND SERIAL NO.

NM 32636

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Amoco Federal

9. WELL NO.

2

10. FIELD AND FOOT, OR WELDCAT
WELDCAT (Bone Springs)11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec 11, T-23-S, R-28-E

12. COUNTY OR PARISH 13. STATE

Eddy

New Mexico

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

Delta Drilling Company

3. ADDRESS OF OPERATOR

3100 - C North "A" Street, Midland, Texas 79701

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

At surface

600' FSL & 990' FEL

At proposed prod. zone

JUN 12 1981

O. C. D.

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

3-1/4 miles NE Loving, New Mexico

ARTESIA, OFFICE

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

660'

16. NO. OF ACRES IN LEASE

1040.32

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

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

1350'

19. PROPOSED DEPTH

-6400

20. ROTARY OR CABLE TOOLS

Rotary

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

2987.6'

22. APPROX. DATE WORK WILL START*

10/01/81

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24	500'	220 SX CIRCULATE
7-7/8"	5-1/2"	17	7200'	1350 SX

This well previously approved for drilling on November 7, 1979

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

Ron Lechwar

TITLE Division Project Manager

DATE 5/26/81

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

APPROVED BY
(Orig. Sig.)

GEORGE H. STEWART

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

JUN 11 1981

FOR

JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side

WELL LOCATION AND ACREAGE DEDICATION AT

Superintendent of
Lands and Minerals

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

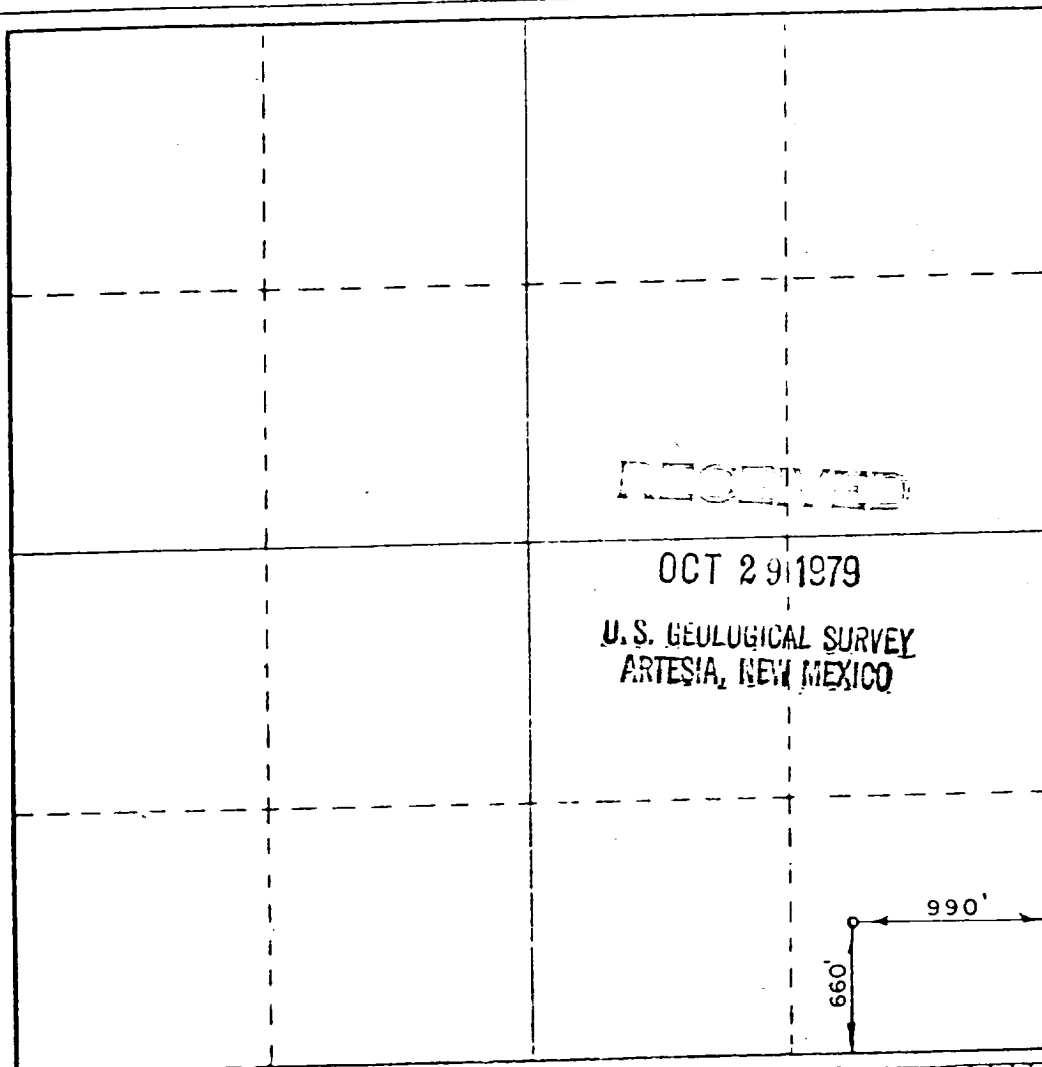
Operator Delta Drilling Company			Lease Amoco Federal		Well No. 2-11
Unit Letter P	Section 11	Township 23 South	Range 28 East	County Eddy County	
Actual Footage Location of Well: 660 feet from the South line and 990 feet from the East line					
Ground Level Elev. 2987.6	Producing Formation FS		Dedicated Acreage 80 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.



CERTIFICATION

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

Ron Brown

Name	Ron Brown
Position	Field Project Mgr.
Company	Delta Drilling Co.
Date	10-26-79

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.

Registered Land Surveyor
 Order No. 1
 3239
Ronald J. Eidson
 Registered and/or
RONALD J. EIDSON

Certificate No.	John W. West	676
	Ronald J. Eidson	3239

0 330 660 990 1320 1650 1980 2310 2640 2000 1800 1600 1400 1200 1000 800 600 400 200 0

APPLICATION FOR DRILLING

Delta Drilling Company
Amoco Federal # 2
990' FEL & 660' FSL
Section 11, T-23-S, R-28-E
Eddy County, New Mexico

In conjunction with form 9-331C, Application for Permit to Drill subject well, Delta Drilling Company submits the following nine items of pertinent information in accordance with USGS requirements:

1. The geologic surface formation is Permian.

2. The estimated tops of geologic markers are as follows:

Lamar	2605'	Br. Canyon	2640'
Bone Springs	6231'	Ch. Canyon	3590'

3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water - No fresh water anticipated below 250' as per conversation with Mr. Oral Nichols with Carlsbad Irrigation District on 3/19/79.

Oil or Gas - Bone Springs 6231' - 6400'

4. Proposed Casing Program: See Form 9-331C.

5. Pressure Control Equipment: See Exhibit E

6. Mud Program: Native mud to 500', 10# brine from 500' to 7200'.

7. Auxiliary Equipment: None required.

8. Testing, Logging and Coring Programs:

Drill Stem Tests - None anticipated

Logging - Electric Logging Program - FLUID
DLL w/Micro SFL
CNL/FDC

9. Anticipated Starting Date: 10/1/81.