

JUN 04 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

IN OIL CONS. COMMISSION
POWER BY SUBMIT IN APPLICATION
Artesia, NM (rev. 6-2-80)

Form approved.
Budget Bureau No. 42-R1425

30-005-61273

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

C & J Drilling

3. ADDRESS OF OPERATOR

P O Box 915

Artesia, N. M. 88210

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

At surface

2310' FSL & 330' FEL Unit I NE 1/4 Sec 4

At proposed prod. zone

same

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

12 miles East of Roswell, N.M. on Highway 380

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

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

330'

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

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

5,000'

19. PROPOSED DEPTH

900'

20. ROTARY OR CABLE TOOLS

cable tools

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

3645.7 CL

22. APPROX. DATE WORK WILL START*

June 1, 1985

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 1/4"	8 5/8"	24#	375'	will pull
8 "	7"	20#	800'	sufficient to circulate

Attached are

1. Location and acreage dedication plan
2. Supplemental Drilling Data
3. Surface Use Plan



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

Levi Deike

TITLE

Secretary

DATE

5/23/85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

S/Levi Deike, Acting

TITLE

Area Manager

DATE

5-29-85

CONDITIONS OF APPROVAL, IF ANY

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-4-66

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

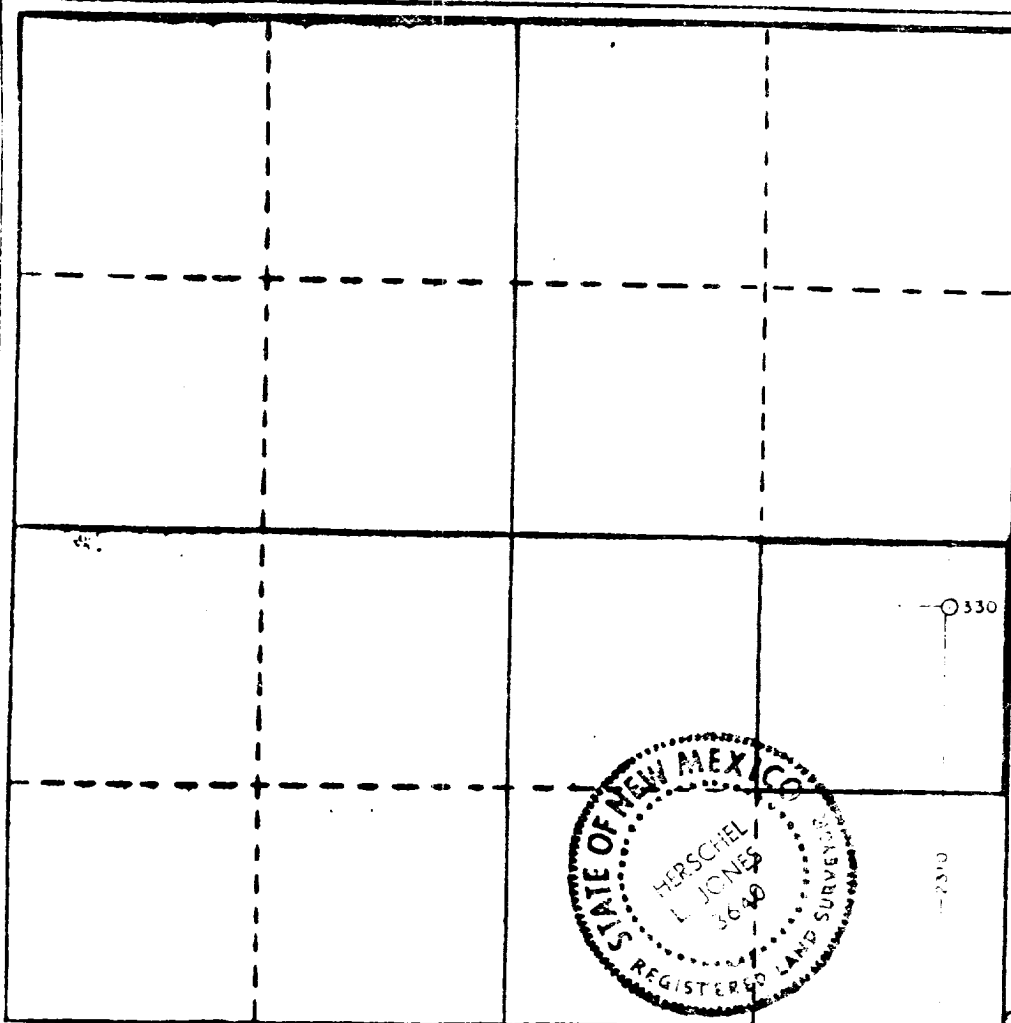
Operator C & J DRILLING			Lease DIANE FEDERAL		Well No. 1
Unit Letter "I"	Section 28	Township 10 South	Range 26 East	County CHAVEZ	
Actual Section Location of Well					
2310 feet from the South line and		330' feet from the East line			
Ground Level Elev. 3645.7	Producing Formation Queen	Pool Brown	Dedicated Acreage 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, lease-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 allowance will be assigned to the well until all interests have been consolidated (by communitization, unitization, lease-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.

Dorothy Hammond
Name

Dorothy Hammond

Position

Secretary

Company

C & J Drilling

Date

May 23, 1985

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

Registered Professional Engineer and/or Land Surveyor

Herschel Jones
Certificate No. _____



SUPPLEMENTAL DRILLING DATA

C & J DRILLING
Well # 1 Diane Federal
NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 28, T.10S., R.26E.
Chaves County, N. M.
(Development Well)

1. SURFACE FORMATION: Sandy Alluvium

2. ESTIMATED TOPS OF GEOLOGICAL MARKERS:

Top Queen	575'
Lower Queen	700'
Penrose	800'

3. ANTICIPATED POROSITY ZONES:

Water	325'
Oil	700' - 800'

4. CASING DESIGN:

Size	Interval	Weight	Grade	Joint	Condition
8 5/8"	0-375'	24#	J-55	STC	New
7"	0-800'	23#	J-55	STC	New

5. SURFACE CONTROL EQUIPMENT:

Hindlitter BOP

6. CIRCULATING MEDIUM:

Drill with Cable Tool Rig

7. LOGGING PROGRAM:

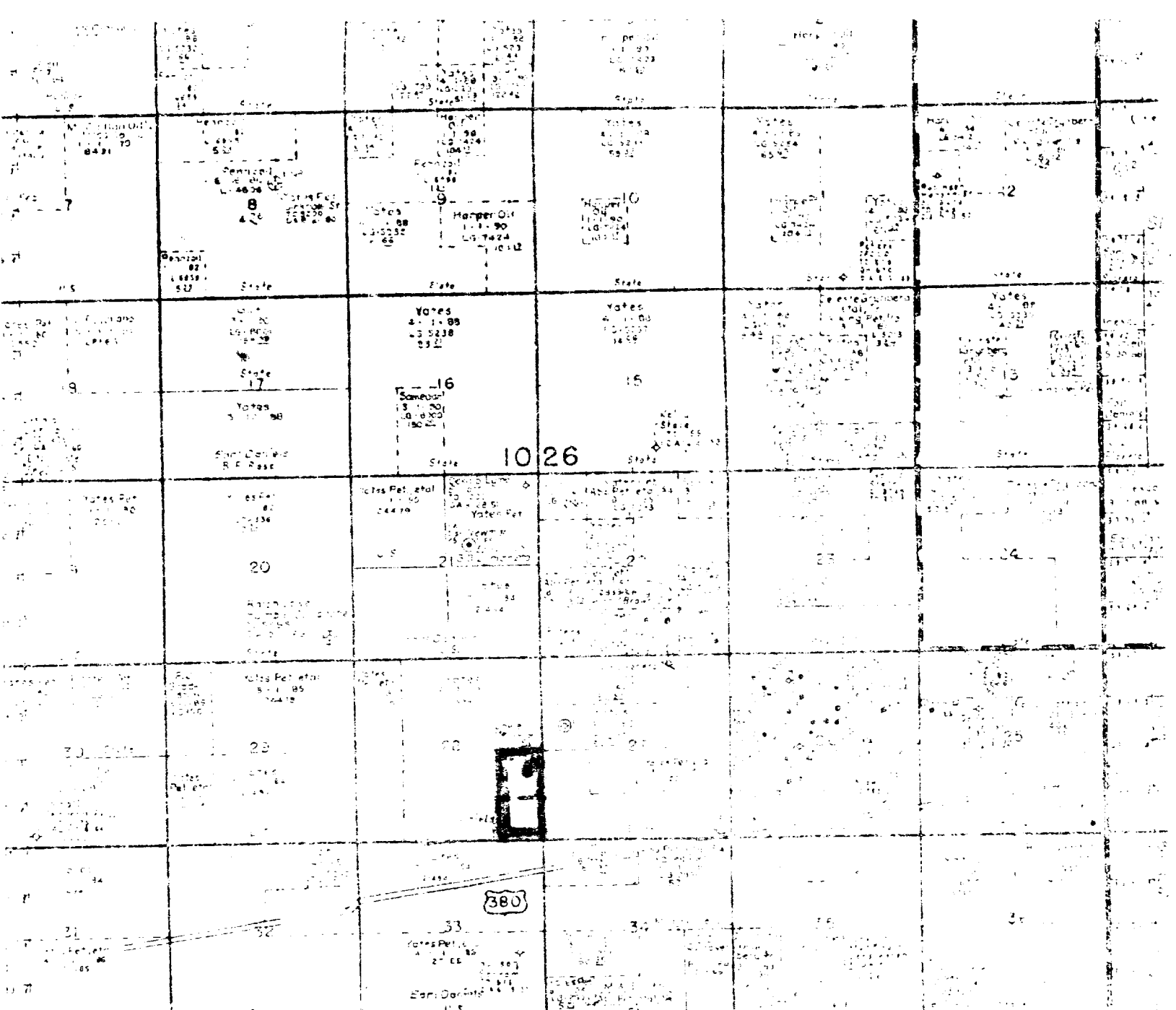
Gamma Ray Neutron Log will be run to T D

8. ABNORMAL PRESSURES, TEMPERATURES OR GASES:

None anticipated at this depth.

9. ANTICIPATED STARTING DATE:

June 1, 1985. Duration of drilling, testing and completion operations should be four to six weeks.



380



SUP EXHIBIT "B"

Portion of Oil & Gas Production Map

C & S Drilling

Well = 1 Diane Federal

ELSE: Sec. 13, T.10S., R.36 E.

Skylar Oil Co

21620

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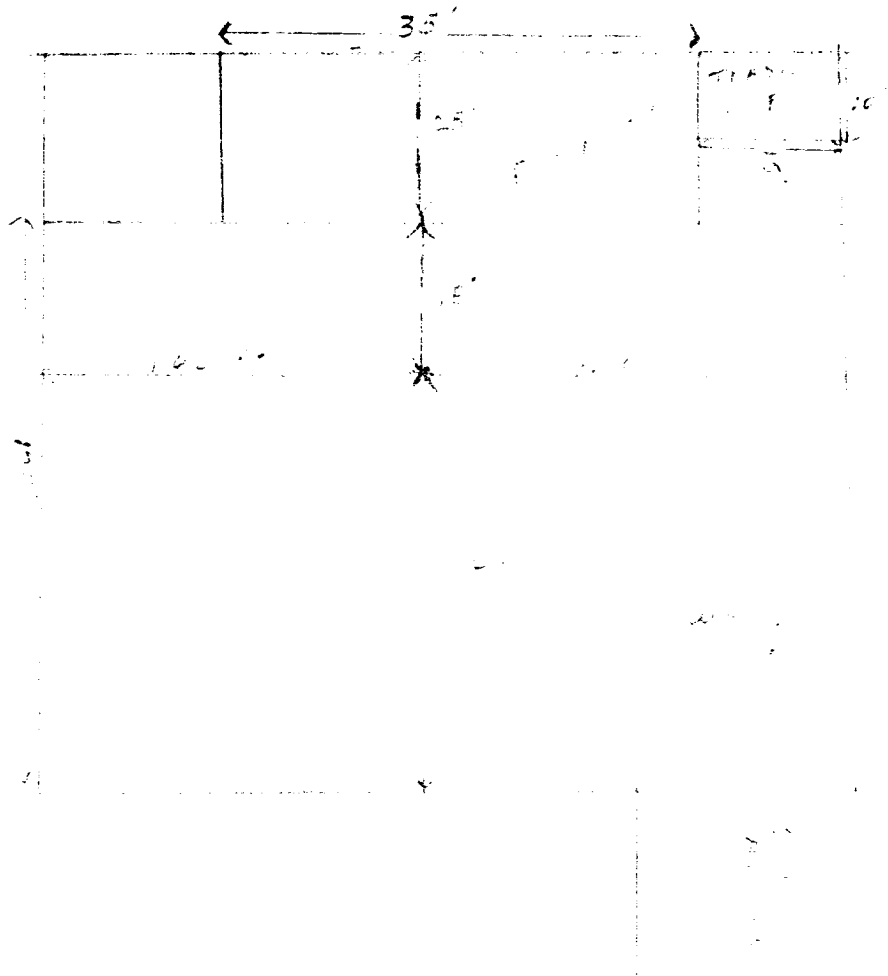
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SUP EXHIBIT "D"
 SKETCH OF PROPOSED WELL PAD
 C & J Drilling
 Well # 1 Diane Federal
 E1/4SE1/4 Sec. 28, T.10S., R.20E.