

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

Yates Drilling Company

3. ADDRESS OF OPERATOR

207 South 4th Street, Artesia, New Mexico 88210

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

At surface

660' FSL & 660' FWL (SW SW)

At proposed prod. zone

same

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

Location is 6 miles southeast of Nageezi, New Mexico

15. DISTANCE FROM PROPOSED*

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

660'

18. DISTANCE FROM PROPOSED LOCATION*

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

16. NO. OF ACRES IN LEASE

639.52

19. PROPOSED DEPTH

5100'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40.17

20. ROTARY OR CABLE TOOLS

Rotary

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

6849' GR

22. APPROX. DATE WORK WILL START*

July 15, 1985

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLY WITH ATTACHED

"GENERAL REQUIREMENTS"

PROPOSED CASING AND CEMENTING PROGRAM

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

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12 1/4"	8 5/8" new	24# K-55 ST&C	250'	150 sacks Class "B"
7 7/8"	4 1/2" new	15.5# K-55 ST&C	5100'	350 sacks cement + additives

1. Drill 12 1/4" hole and set 8 5/8" surface casing to 250' with good returns.
2. Log B.O.P. checks in daily drill reports and drill 7 7/8" hole to 5100'.
3. Run tests if warranted and run 4 1/2" casing if productive.
4. Run logs, as needed, and perforate and stimulate as needed.

EXHIBITS ATTACHED:

- "A" Location and Elevation Plat
- "B" Drilling Program to Accompany A.P.D.
- "C" The Blowout Preventer Diagram
- "D" Surface Use Program to Accompany A.P.D.
- "E" & "E₁" Access Road Maps to Location
- "G" Drill Pad Layout, Cut-Fill Cross Section
- "H" Drill Rig Layout

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

Cy Cowan

TITLE

Regulatory Agent

DATE

6/24/85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ch 7

NMOCC

*See Instructions On Reverse Side

RECEIVED
JUL 19 1985
DIST. 2

APPROVED
AS AMENDED
DATE JUL 11 1985
M. MILLENBACH
AREA MANAGER

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

CAPIDIT M

Form C-102
 Supersedes C-128
 Effective 1-1-65

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

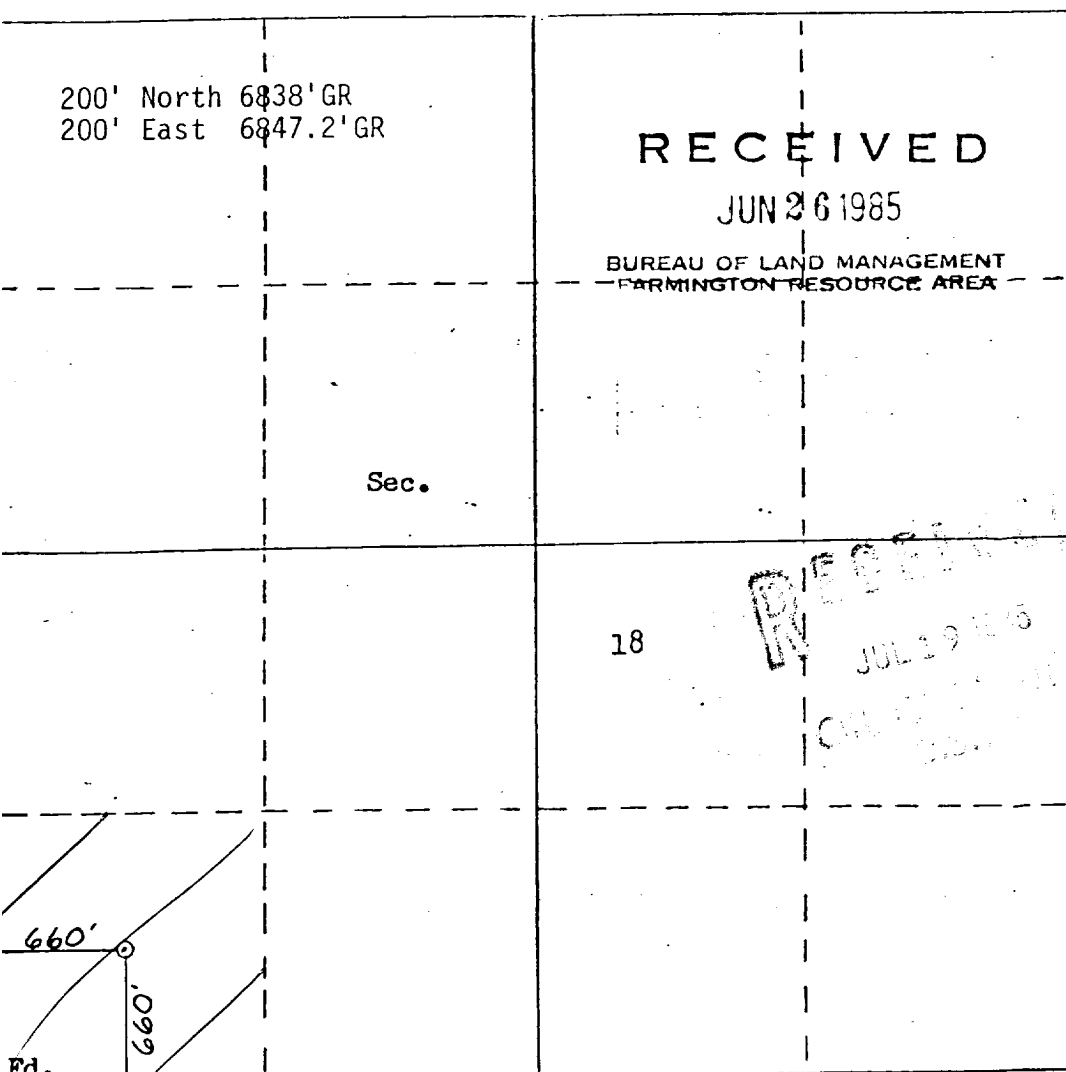
Operator YATES DRILLING COMPANY			Lease AXEM-FEDERAL		Well No. I
Unit Letter M	Section 18	Township 23N	Range 8W	County San Juan	
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the West line					
Ground Level Elev: 6849	Producing Formation Lower Mancos	Pool unknown LU. C.	Dedicated Acreage: 40.17 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.



Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Connie L. Frailey</i>	
Name	Connie L. Frailey Vice-President, Env. Services
Position	POWERS ELEVATION, Agent Consultant for
Company	Yates Drilling Company
Date	June 24, 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	June 24, 1985
Registered Professional Engineer and Surveyor	<i>William E. Mahoney II</i>
Certificate No.	8406

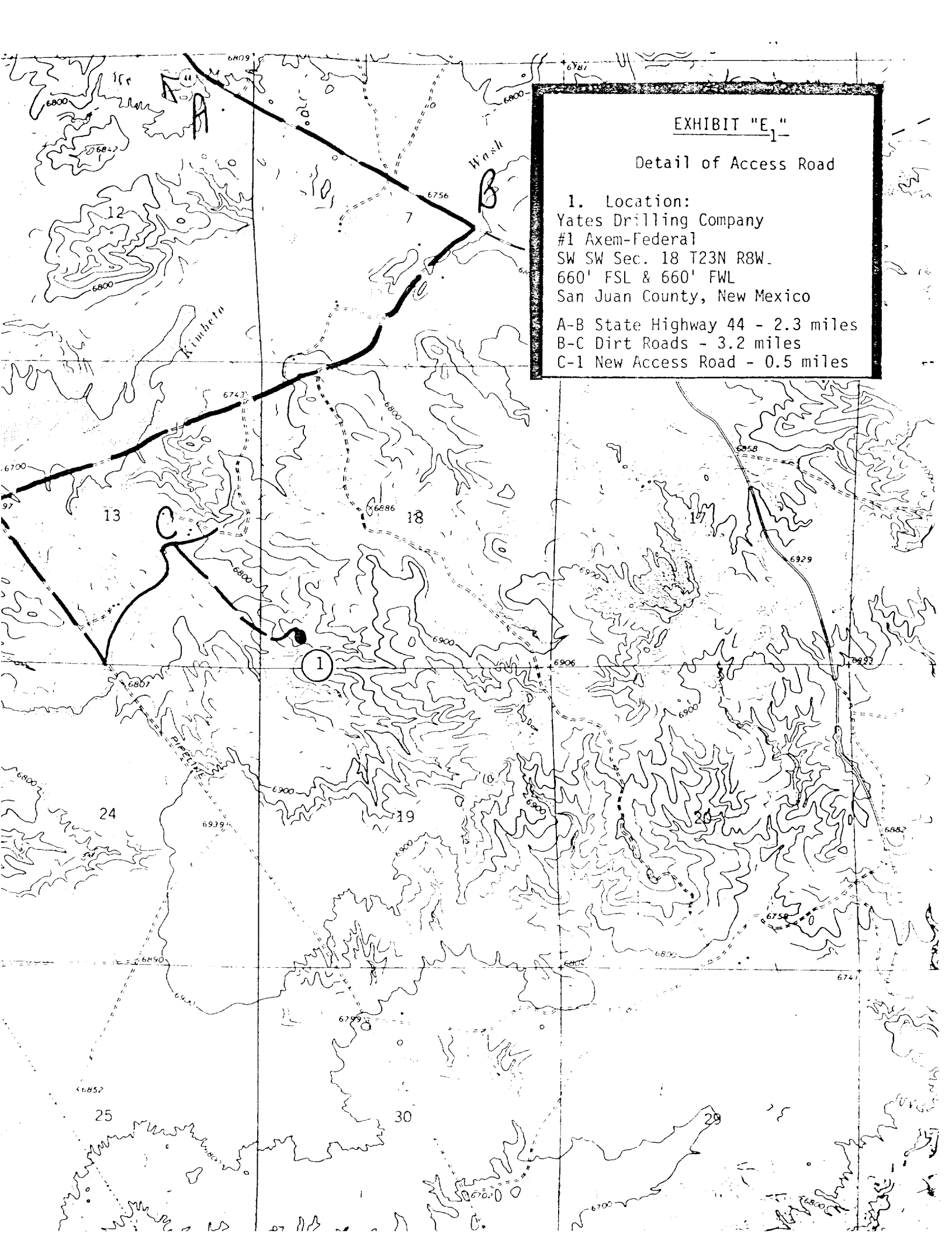


EXHIBIT "E₁"

Detail of Access Road

1. Location:
Yates Drilling Company
#1 Axem-Federal
SW SW Sec. 18 T23N R8W.
660' FSL & 660' FWL
San Juan County, New Mexico
A-B State Highway 44 - 2.3 miles
B-C Dirt Roads - 3.2 miles
C-1 New Access Road - 0.5 miles