

415-682-6336
SUBMIT IN TRI-STATE*
(Other instructions on reverse side)
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Artesia, NM 88210

Form approved.
Budget Bureau No. 1001-113
Expires August 31, 1985
30-215-25468
5. LEASE DESIGNATION AND SERIAL NO.

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 ☐

2. NAME OF OPERATOR

Beach Exploration, Inc.

3. ADDRESS OF OPERATOR

800 N. Marienfeld Suite 200 Midland, Texas 79701

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

At surface

330' FEL & 1650' FSL of Section

(Unit I)

At proposed prod. zone

(NE $\frac{1}{4}$ SE $\frac{1}{4}$)

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

18 Miles East-Northeast of Artesia

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

330'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

990'

16. NO. OF ACRES IN LEASE

880

19. PROPOSED DEPTH

1900' Queen

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3642 GL

22. APPROX. DATE WORK WILL START*

November 15, 1985

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11" 12 1/4"	8 5/8	24#	250-280'	Sufficient to Circulate
7 7/8	4 1/2	10.5#	1900'	150 Sacks

Attached are: 1. Well location and acreage dedication plat
2. Drilling data
3. Surface Use Plan



Posted
ID-1, API, NL
11-15-85

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

Barbara Watson
Barbara Watson

TITLE

Production

DATE 11-4-85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE 11-8-85

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

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

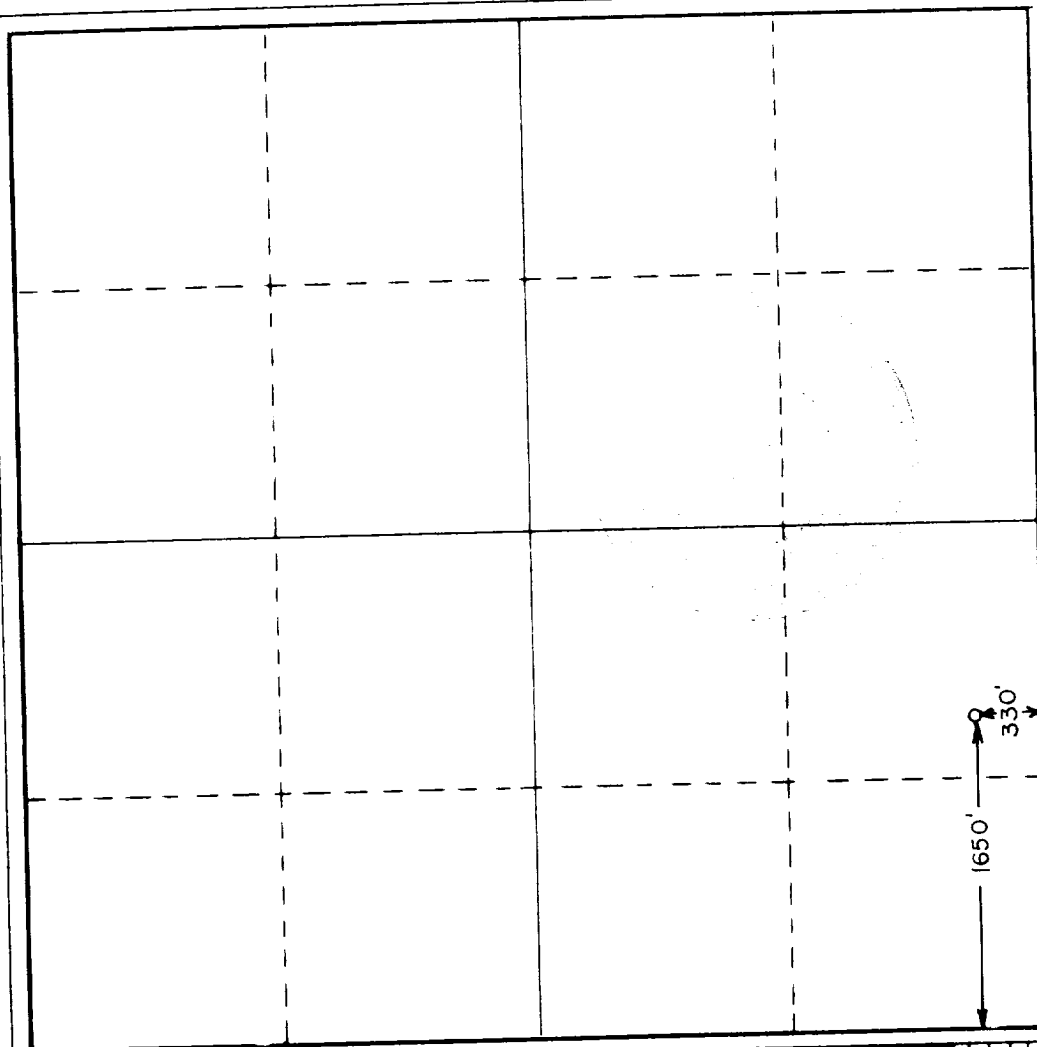
Operator Beach Exploration Inc.			Lease Exxon Federal		Well No. 3
Unit Letter I	Section 18	Township 16 South	Range 29 East	County Eddy	
Actual Footage Location of Well: 1650 feet from the South line and 330 feet from the East line					
Ground Level Elev. 3642.1	Producing Formation Queen		Pool High Lonesome	Dedicated Acreage: 40 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.



CERTIFICATION

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

Carl Seal

Name

Vice President

Position

Beach Exploration, Inc.

Company

11-4-85

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

July 18, 1985

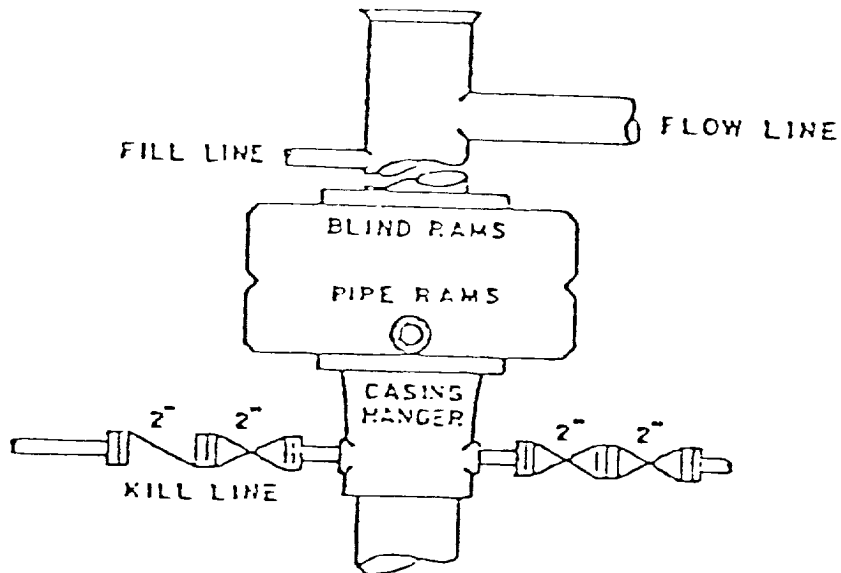
Registered Professional Engineer
and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239

BLOWOUT PREVENTER ARRANGEMENT

Beach Exploration, Inc.
Well #3 Exxon Federal
NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-16S-29E



SUPPLEMENTAL DRILLING DATA

BEACH EXPLORATION, INC.
WELL NO.3 EXXON FEDERAL
NE1/4SE1/4 of SEC. 18, T16S,R29E
EDDY COUNTY, NEW MEXICO

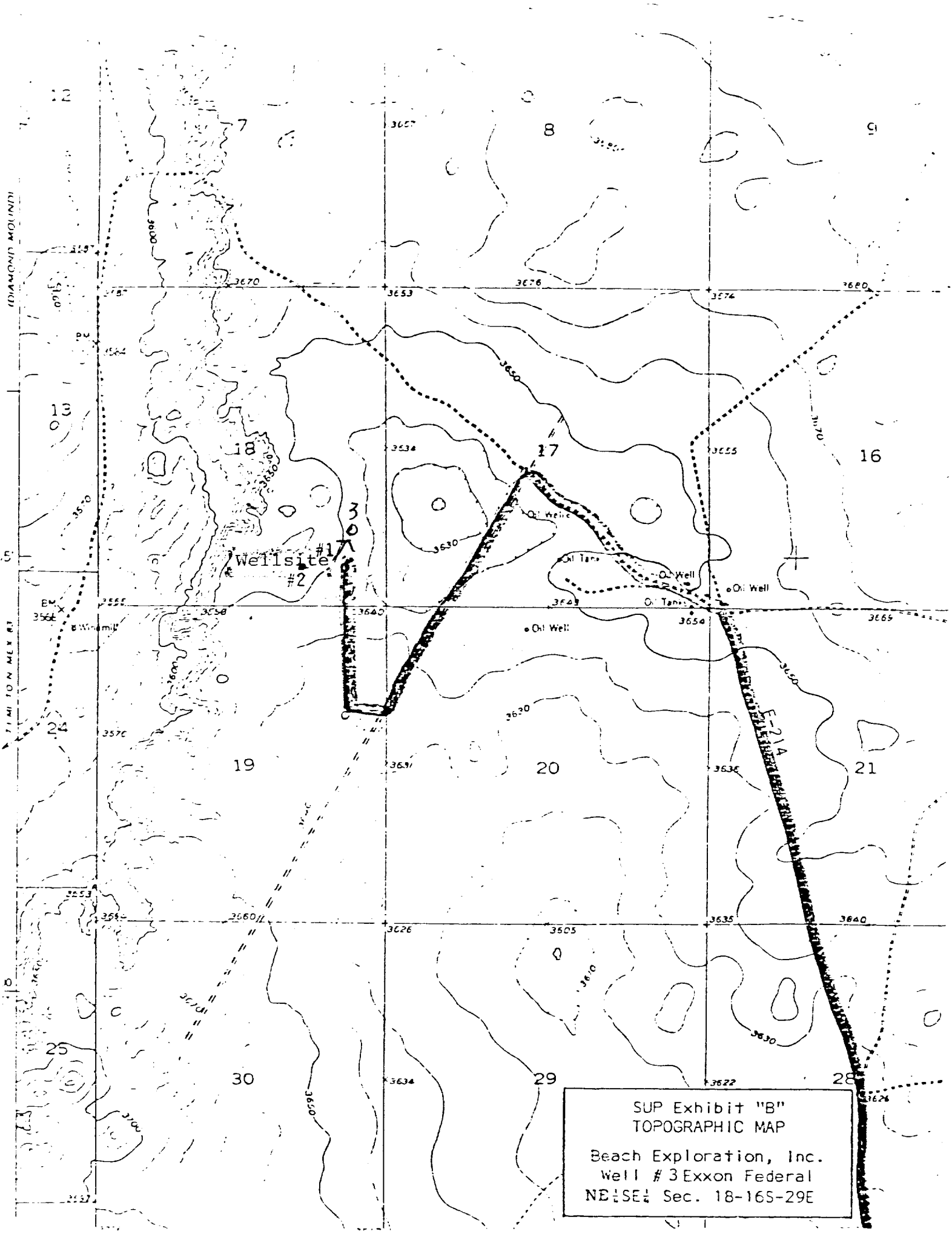
1. Surface Formation: Sandy soils of Quaternary Age.
2. Estimated Tops of Geologic Markers:

Andydrite	250'	Seven Rivers	910'
Salt	280'	Queen	1500'
Base Salt	610'	Penrose	1730'
Yates	760'	Grayburg	1890'
3. Anticipated Porosity Zones:

Water:	Above 150'
Oil:	Seven Rivers, Queen, and Grayburg
4. Casing Design:

Size	Interval	Weight	Grade	Joints
8 5/8"	0-280'	24.0#	K-55	STC
4 1/2"	0-1900'	10.5#	K-55	STC
5. Pressure Control Equipment: Double Ram-Type Preventer
6. Circulating Medium:

0 - 280'	Fresh water mud with gel or lime as needed for viscosity control.
280 - 1500'	Brine Water
1500 - 1900'	Salt water mud, conditioned as necessary for control of viscosity and water loss.
7. Auxiliary Equipment: Drill string safety valve.
8. Testing, logging and coring program: No coring or DST's are planned. Electric logs will include a CNL-FDC w/GR.
9. Abnormal pressure, Temperatures or gases: None Anticipated
10. Anticipated Starting Date: Approximately November 15, 1985



SUP Exhibit "B"
TOPOGRAPHIC MAP
Beach Exploration, Inc.
Well # 3 Exxon Federal
NE 1/4 SE 1/4 Sec. 18-16S-29E

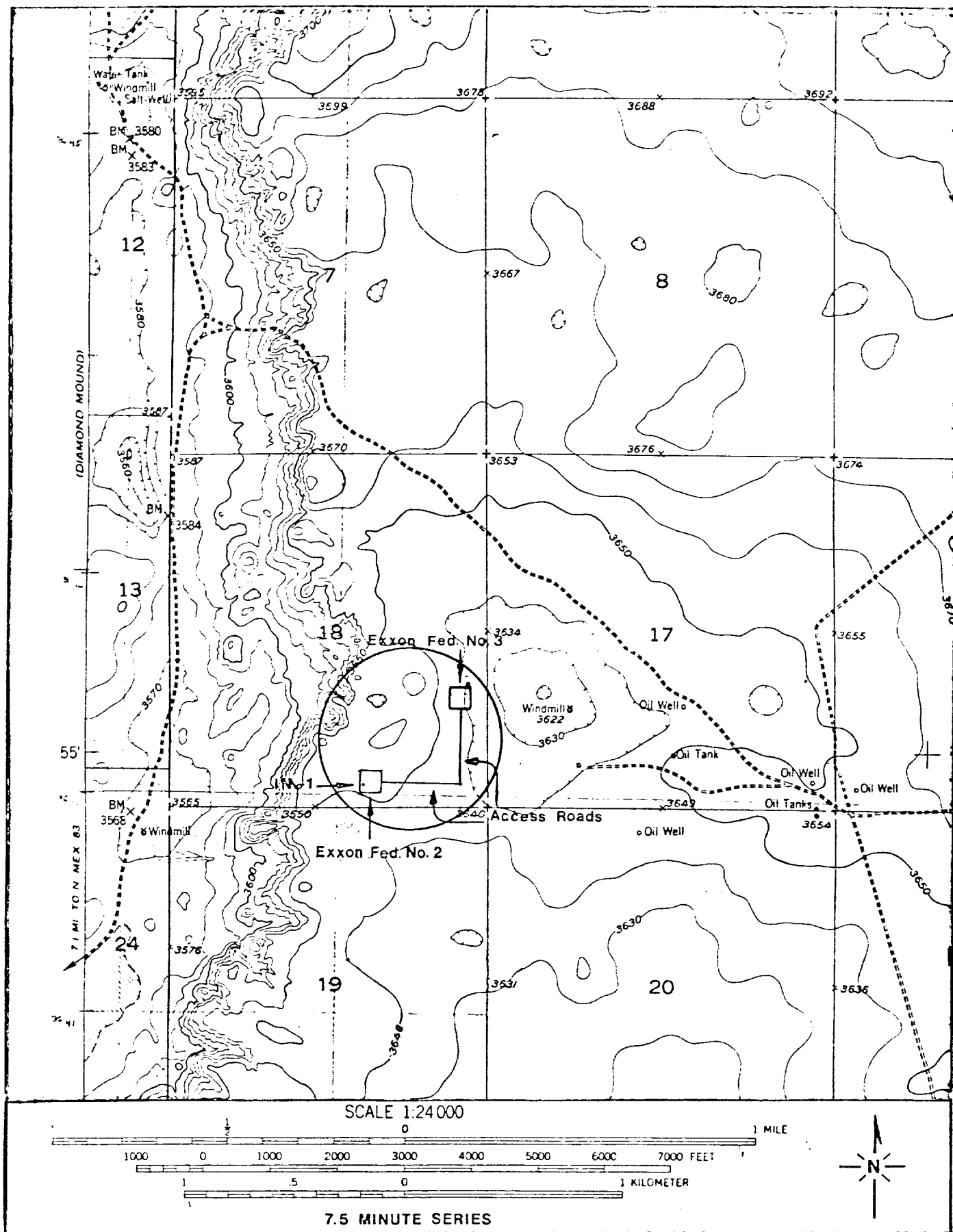


Figure 2. Location of the proposed well pads and access roads in Section 18, T16S, R29E, NMPM, Eddy County, New Mexico.

Map Reference: USGS Basin Well, N. Mex. Quadrangle, 1953