

UNITED STATES  
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT  
Artesia, NM 88210

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

RECEIVED BY  
DEEPM ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER ☐

FEB 12 1986

ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Beach Exploration, Inc.

O. C. D.  
ARTESIA, OFFICE

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

1650' FSL & FEL

At proposed prod. zone

(Unit J)  
(NW/4SE/4)

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

18 Miles East-Northeast of Artesia, New Mexico

15. DISTANCE FROM PROPOSED\*

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

1650

16. NO. OF ACRES IN LEASE

880

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.

1320

19. PROPOSED DEPTH

1900'

20. ROTARY OR CABLE TOOLS

Rotary

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

3653.0 GL

22. APPROX. DATE WORK WILL START\*

2-15-86

23.

PROPOSED CASING AND CEMENTING PROGRAM

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

Attached: Well location and acreage dedication plat  
Drilling Data  
Surface Use Plan  
Archaeological Survey

Post FD-1  
2-14-86  
NHac + API

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

*Artesia Station*

TITLE

Production

DATE

1-27-86

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

2-16-86

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**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

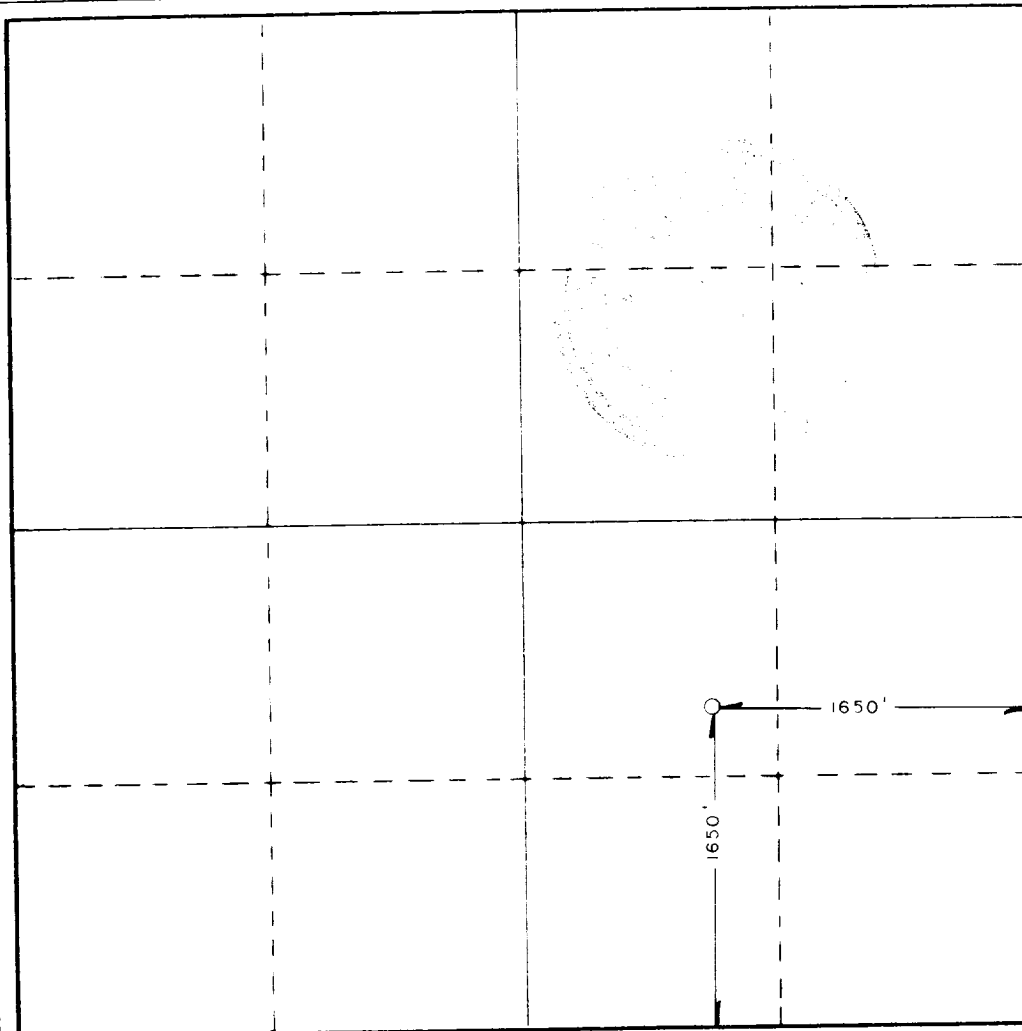
Operator <b>BEACH EXPLORATION COMPANY</b>			Lessee <b>EXXON FEDERAL</b>		Well No. <b>4</b>
Tract Letter <b>J</b>	Section <b>18</b>	Township <b>16 SOUTH</b>	Range <b>29 EAST</b>	County <b>EDDY</b>	
Actual Footage Location of Well: <b>1650</b> feet from the <b>SOUTH</b> line and <b>1650</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>3653.0'</b>	Producing Formation <b>Queen</b>	Pool <b>High Lonesome Queen</b>		Dedicated Acreage: <b>40</b> 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.

*Carl Beach*  
 Name

**Vice President**  
 Position

**Beach Exploration, Inc.**  
 Company

**1-27-86**  
 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  
**JANUARY 14, 1986**

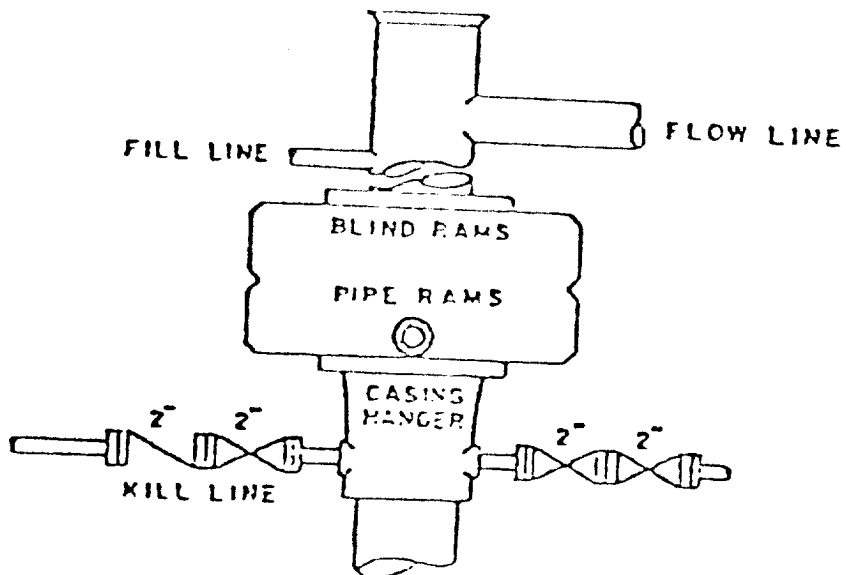
Registered Professional Engineer  
 and/or Land Surveyor

*John W. West*

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

BLOWOUT PREVENTER ARRANGEMENT

Beach Exploration, Inc.  
Well 4 Exxon Federal  
NW/4 SE/4 Sec. 18-16S-29E



SUPPLEMENTAL DRILLING DATA

BEACH EXPLORATION, INC.  
WELL NO.4 EXXON FEDERAL  
NW1/4SE1/4 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 February 15, 1986

