

30-025-32033

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

2. NAME OF OPERATOR

Marathon Oil Company

3. ADDRESS OF OPERATOR

P O Box 552, Midland, TX 79702

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

At surface

2180' FSL & 660' FWL Unit L

At proposed prod. zone

2180' FSL & 660' FWL

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

19 mi. west NW of Eunice, NM

15. DISTANCE FROM PROPOSED\*

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

3200'

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

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

\*\*

19. PROPOSED DEPTH

13,500'

20. ROTARY OR CABLE TOOLS

rotary

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

GL 3654'

22. APPROX. DATE WORK WILL START\*

April 20, 1993

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94#	+ 120'	circ. to surf. w/ redi-mix
17-1/2"	13-3/8"	54.5#	1800'	1650 sx - circ
12-1/4"	9-5/8"	43.5#	5500'	1700 sx - circ
7-7/8"	5-1/2"	17,20	13,500'	1800 sx - Est. TOC @ 4500'

Propose to drill to a TD of 13,500'.

All casing will be run & cmt'd in accordance w/ regulations and by approved methods.  
Blowout prevention equipment will be applied as outlined in Additional Information.  
See attached Multipoint Surface Plan & Additional Information for specific drlg operations.  
This well is a proposed Morrow, Bone Spring, Delaware producer.

\*\* Devonian Offset - 1797'  
Morrow Offset - 6712'  
Bone Spring Offset - 1420'

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

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 BC 1161 For COF 3/18/93

SIGNED

TITLE Drilling Superintendent

DATE 3/18/93

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY (ORIG. SGD.) RICHARD L. MANUS

TITLE AREA MANAGER

DATE 6-15-93

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

RELEASED BY FBI

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JUN 17 1993

JOBBBS

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

### DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

### DISTRICT II

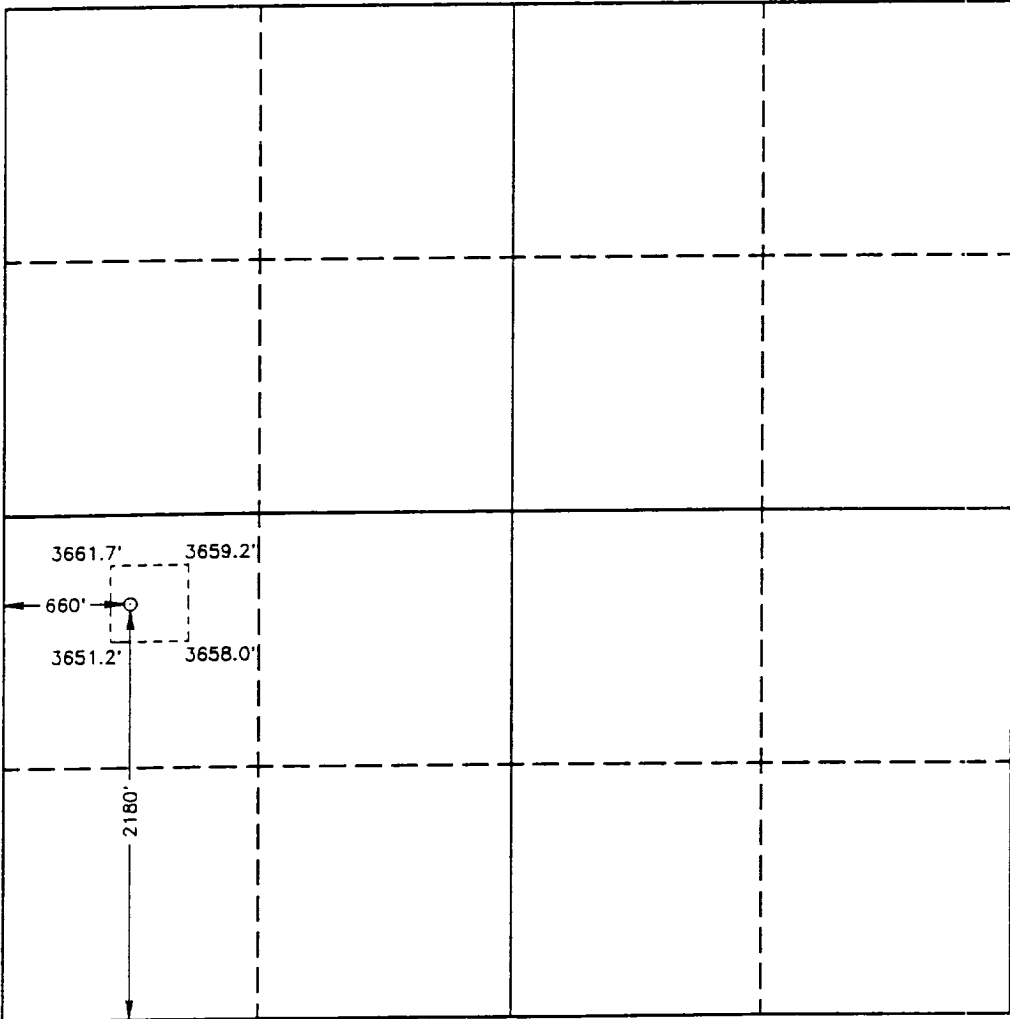
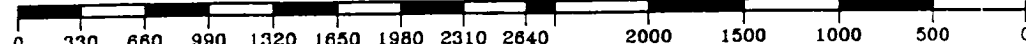
P.O. Drawer DD, Artesia, NM 88210

### DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

### WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator <b>MARATHON OIL COMPANY</b>			Lease <b>Lea Unit</b>		Well No. <b>16</b>
Unit Letter <b>L</b>	Section <b>12</b>	Township <b>20 SOUTH</b>	Range <b>34 EAST</b>	NMPM	County <b>LEA</b>
Actual Footage Location of Well: <b>2180</b> feet from the <b>SOUTH</b> line and <b>660</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>3659.6'</b>	Producing Formation <b>Morrow, B. Spring, Delaware</b>		Pool <b>Lea (Penn)(Bone Spring)(Delaware)</b>		Dedicated Acreage: <b>160</b> Acres
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.</p> <p>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).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____</p> <p>If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary. _____)</p> <p>No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.</p>					
					<b>OPERATOR CERTIFICATION</b>
					<p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature <i>[Signature]</i> For CTP <i>3/18/93</i></p> <p>Printed Name <b>C. T. Pearce</b></p> <p>Position <b>Drilling Superintendent</b></p> <p>Company <b>Marathon Oil Company</b></p> <p>Date <b>3/18-93</b></p>
					<b>SURVEYOR CERTIFICATION</b>
					<p>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.</p> <p>Date Surveyed <b>MARCH 10, 1993</b></p> <p>Signature &amp; Seal of Professional Surveyor <i>[Signature]</i></p> <p>Certificate No. <b>JOHN W. WEST, 676</b> <b>RONALD J. HEDSON, 3239</b> <b>GARY L. JONES, 7977</b></p> <p><b>93-11-0405</b></p>

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OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

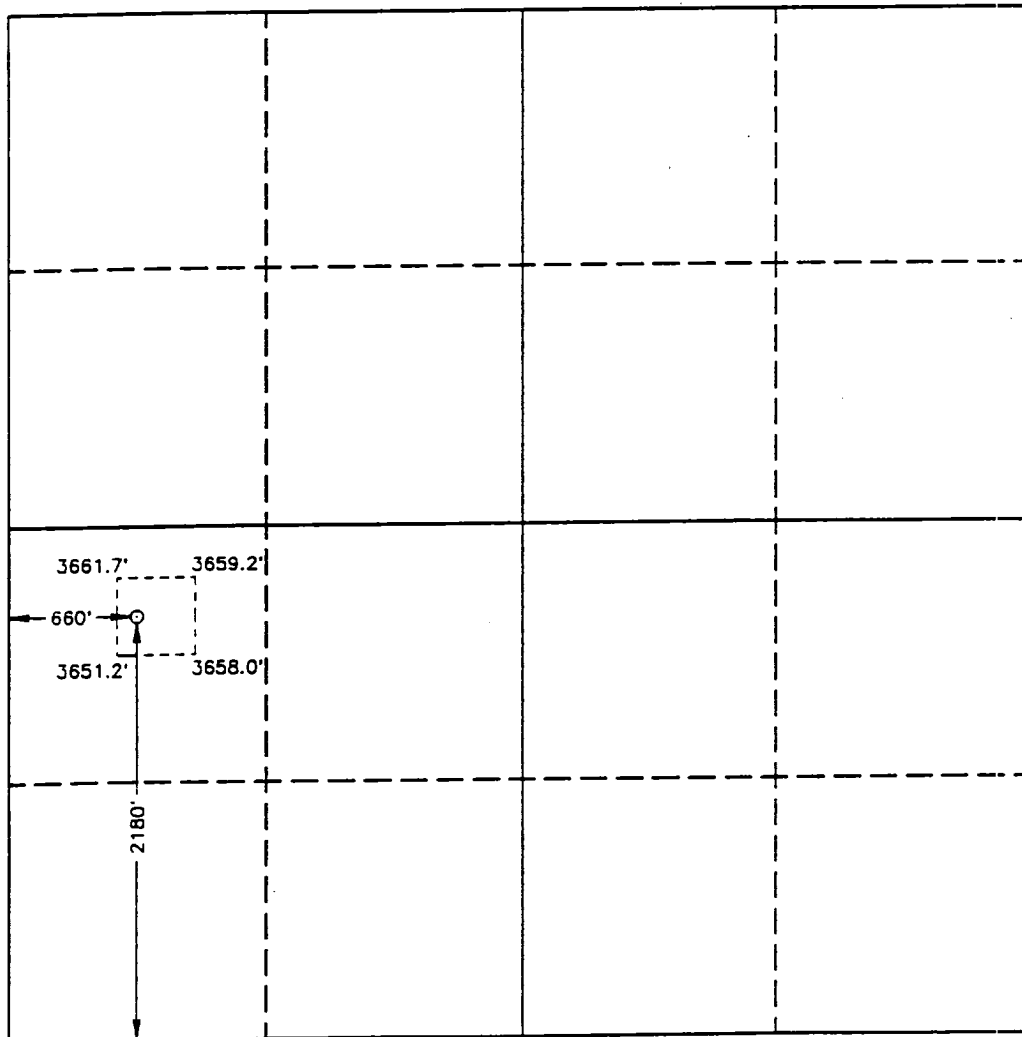
Operator <b>MARATHON OIL COMPANY</b>			Lease <b>Lea Unit</b>		Well No. <b>16</b>
Unit Letter <b>L</b>	Section <b>12</b>	Township <b>20 SOUTH</b>	Range <b>34 EAST</b>	County <b>NMPM LEA</b>	

Actual Footage Location of Well: <b>2180</b> feet from the <b>SOUTH</b> line and <b>660</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>3659.6'</b>	Producing Formation <b>Morrow, B. Spring, Delaware</b>	Pool <b>Lea (Penn)(Bone Spring)(Delaware)</b>			Dedicated Acreage: <b>80</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 interest 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 of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)

No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature *[Signature]* For CTP 3/18/93  
Printed Name **C. T. Pearce**  
Position **Drilling Superintendent**  
Company **Marathon Oil Company**  
Date **3/18-93**

SURVEYOR CERTIFICATION

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  
**MARCH 10, 1993**

Signature & Seal of  
Professional Surveyor

*[Signature]*  
GARY L. JONES  
NEW MEXICO  
PROFESSIONAL SURVEYOR  
Certificate No. **JOHN W. WEST. 676**  
**RONALD L. PEDSON. 3239**  
**GARY L. JONES. 7977**

93-11-0405

OIL CONSERVATION DIVISION

P.O. Box 1988

Santa Fe, New Mexico 87501

DISTRICT I

P.O. Box 1880, Hobbs, NM 88240

DISTRICT II

P.O. Drawer 50, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE CERTIFICATE

All well locations must be from the Bureau of Land Management

Operator <b>MARATHON OIL COMPANY</b>			Lease <b>1-1-1983</b>	Well No. <b>16</b>
Unit Letter <b>L</b>	Section <b>12</b>	Township <b>20 SOUTH</b>	Range <b>34 EAST</b>	County <b>MPH LEA</b>
Actual Footage Location of Well: <b>2180</b> feet from the <b>SOUTH</b> <b>660</b> <b>WEST</b> line				
Ground Level Elev. <b>3659.6'</b>	Producing Formation <b>Morrow, B. Spring, Delaware</b>		Pool <b>Lea, Permian</b>	Dedicated Acreage: <b>160</b> Acres
1. Outline the acreage dedicated to the subject well by colored pencil or machine stamp.				
2. If more than one lease is dedicated to the well, outline each and identify the owner, both as to ownership interest and royalty.				
3. If more than one lease of different ownership is dedicated to the well, have the owners been consolidated by communitization, forced-pooling, etc? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "Yes" type of consolidation.				
If answer is "No" list of owners and tract descriptions which have actually been consolidated on this form necessary.				
No allowable well be assigned to the well until all interests have been consolidated (consolidation otherwise) or until a non-standard unit designating such interest has been approved by the Division.				

OPERATOR CERTIFICATION

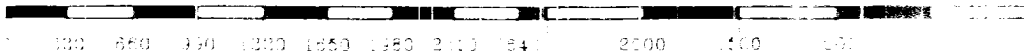
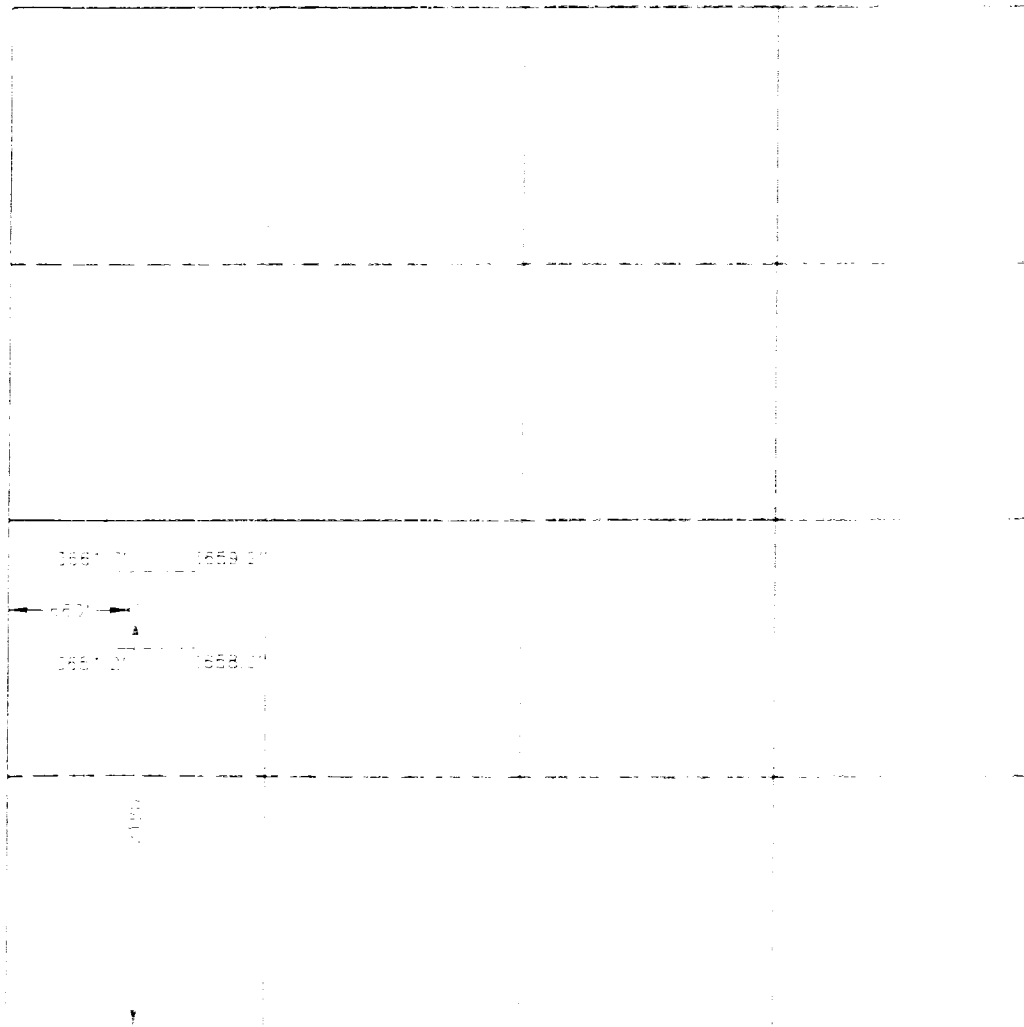
I hereby certify the the information furnished herein is true and complete to the best of my knowledge and belief.

Signature: *[Signature]* For CTP 3/18/93  
Printed Name: **Pearce**  
Position: **Superintendent**  
Company: **Marathon Oil Company**  
Date: **3-18-93**

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this well 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 Received: **MARCH 10, 1993**  
Signature & Seal of Professional Surveyor:  
*[Signature]*  
Certificate No. **JOHN W. WEST 0741**  
**RONALD J. JOHNSON 3234**  
**DAVID L. JONES 1074**



MULTIPOINT SURFACE USE AND OPERATIONS PLAN

Marathon Oil Company

LEA UNIT #16  
2180' FSL & 660' FWL  
Section 12, T-20-S, R-34-E  
Lea County, New Mexico  
Lease: NM-02127

This plan is submitted with the Application for Permit to Drill the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbance involved, and the procedure to be followed in rehabilitating the surface after the completion of all operations so that a complete appraisal can be made of the environmental effects associated with the proposed operations.

1. Existing Roads

Exhibit "A" is a portion of a topographic map showing the location of the proposed well as staked. At the intersection of U.S. 62-180 and the Marathon road west of Hobbs, proceed south on the Marathon Road 3.3 miles, turn west through a cattleguard and continue for .2 mi. to the location. All existing roads used to access the proposed location shall be maintained in the same or better condition than presently found.

2. Planned Access Roads

A. Length and Width

An access road will not be required as the proposed pad falls beside an existing pad (Lea Unit #15). The existing access road will enter the location from the southeast.

B. Surfacing Material

6" caliche rolled and packed.

C. Maximum Grade

Three Percent (3%)

D. Turnouts

None Required

E. Drainage Design

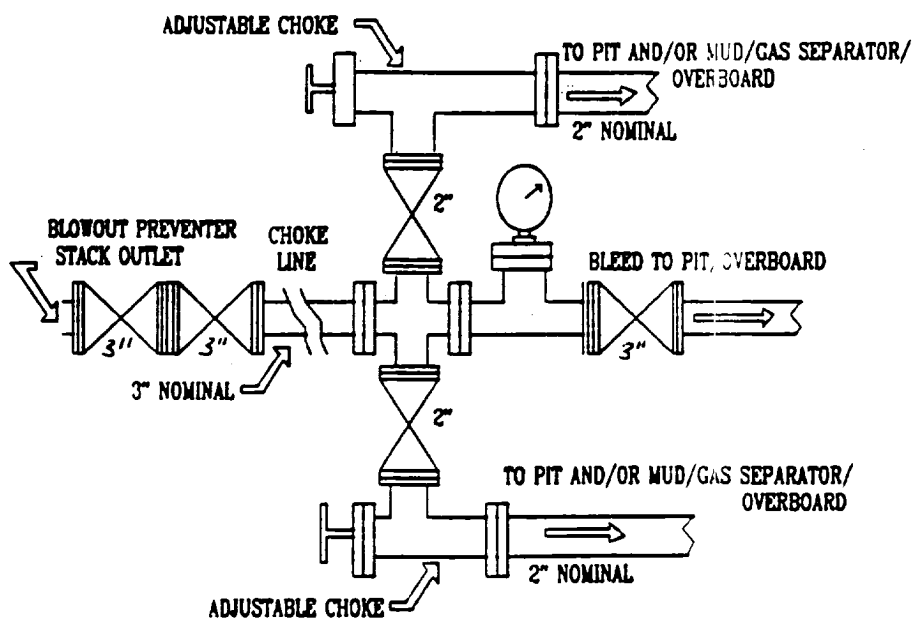
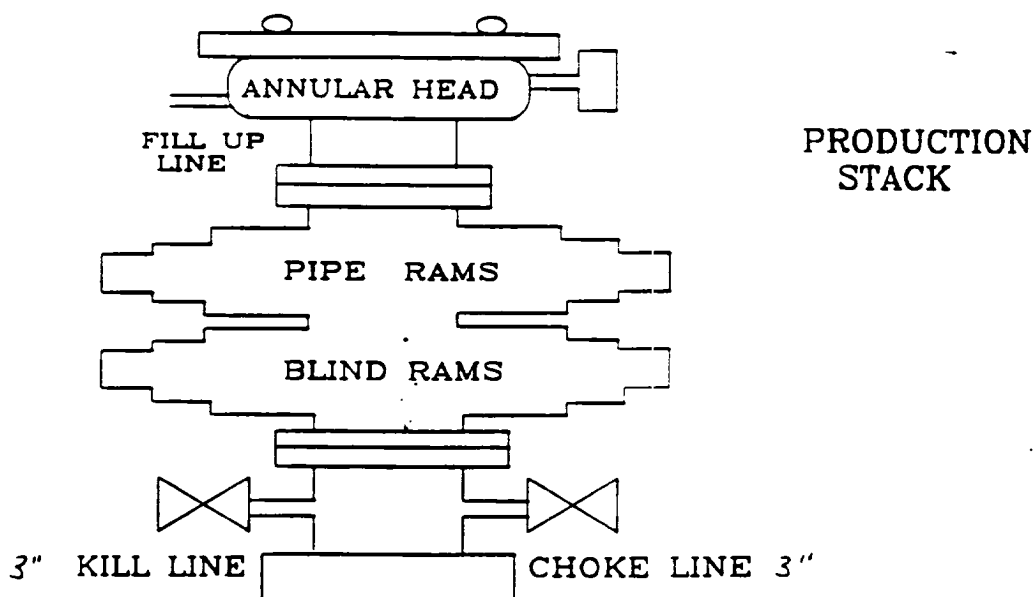
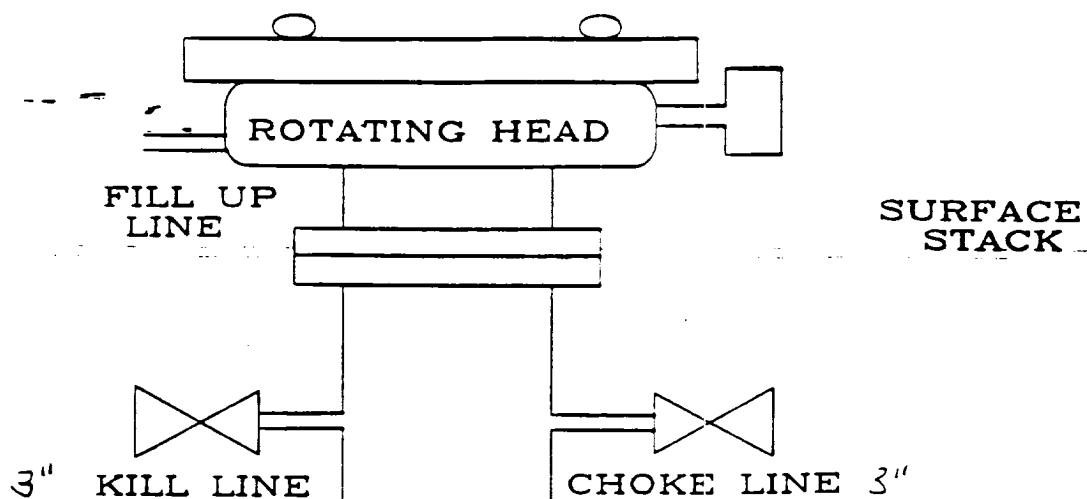
Natural drainage.

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