

10/7/02	10/27/02	ENGINEER	LOGGED IN <i>KV</i>	TYPE <i>NSL</i>	APP NO <i>228126901</i>
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ABOVE THIS LINE FOR DIVISION USE ONLY

4820

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] **[NSP-Non-Standard Proration Unit]** **[SD-Simultaneous Dedication]**
[DHC-Downhole Commingling] **[CTB-Lease Commingling]** **[PLC-Pool/Lease Commingling]**
[PC-Pool Commingling] **[OLS - Off-Lease Storage]** **[OLM-Off-Lease Measurement]**
[WFX-Waterflood Expansion] **[PMX-Pressure Maintenance Expansion]**
[SWD-Salt Water Disposal] **[IPI-Injection Pressure Increase]**
[EOR-Qualified Enhanced Oil Recovery Certification] **[PPR-Positive Production Response]**

[1] **TYPE OF APPLICATION - Check Those Which Apply for [A]**

[A] Location - Spacing Unit - Simultaneous Dedication
☒ NSL ☐ NSP ☐ SD

OCT - 7 2002

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply**

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☒ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Robert Bullock
Print or Type Name

Robert Bullock
Signature

Landman
Title

10-4-02
Date

e-mail Address

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118

TELEPHONE (505) 748-1471

S. P. YATES
CHAIRMAN OF THE BOARD
JOHN A. YATES
PRESIDENT
PEYTON YATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

October 4, 2002

Mr. Michael Stogner
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87508

CERTIFIED MAIL
Return Receipt Requested

RE: Non-Standard Location
Global BBG #1
Township 16 South, Range 35 East
Section 12: 660' FSL & 400' FWL
Lea County, New Mexico

Dear Mr. Stogner:

Yates Petroleum Corporation respectfully requests administrative approval for a non-standard Mississippian gas well, the Global BBG #1. The proposed well is located on fee minerals 660' FSL and 400' FWL of Section 12, Township 16 South, Range 35 East.

The net pay of the Brunson interval (lower Atoka) shows the sand pinching out immediately to the east of the proposed location. The enclosed geologic map was generated by integrating both well control and 3-D seismic. Cross section A-A' also indicates the Brunson sand is absent to the east. A lower Morrow sand also pinches out to the east.

A third zone of interest is the Strawn, which produces in Section 11, but not in the southern part of Section 12.

Integrating both the seismic and well control indicates that a non-standard location of 660' FSL and 400' FWL is the best choice for a well that targets three potential pay zones. This is the best location to protect correlative rights and prevent waste of recoverable oil and gas.

Notification to the offset operators and unleased mineral owners to the west and south was made by certified mail on this date, including a copy of this application letter with all attachments.


Yates requests that this unorthodox location be administratively approved if no objections are received within the cited twenty (20) days as required by OCD regulations, or earlier if waivers are received.

Enclosed are Forms C-101, C102, land plat, geologic maps, administrative application checklist and notification list of offset operators including letters of waiver.

Please call me at (505) 748-4351 if you need additional information. Thank you.

Very truly yours,

YATES PETROLEUM CORPORATION


Robert Bullock
Landman

NOTIFICATION LIST

1. **DAVID H. ARRINGTON OIL & GAS, INC.
PO BOX 2071
MIDLAND, TX 79702**

2. **PERMIAN RESOURCES, INC.
PO BOX 590
MIDLAND, TX 79701**

3. **CHARLES E. HANNON
3525 ANDREWS HIGHWAY, SUITE 120
MIDLAND, TX 79703-5048**

4. **E.L. LATHAM COMPANY
PO BOX 1392
HOBBS, NM 88240**

5. **ROY G. BARTON, JR.
1919 N. TURNER
HOBBS, NM 88240-2712**

6. **GLOBAL NATURAL RESOURCES CORPORATION
PO BOX 4682
HOUSTON, TX 77210-4682**

7. **CHESAPEAKE ENERGY CORP.
PO BOX 18496
OKLAHOMA CITY, OK 73154-0496**

8. **ROY G. BARTON, SR. AND
OPAL BARTON REVOCABLE TRUST
1919 N. TURNER
HOBBS, NM 88240-2712**

MARTIN YATES, III
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FRANK W. YATES
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105 SOUTH FOURTH STREET
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RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

October 4, 2002

David H. Arrington Oil & Gas, Inc.
PO Box 2071
Midland, TX 79702

Certified Mail
Return Receipt Requested

**RE: Offset Operator Notification
Non-Standard Location
Globe "BBG" #1
Township 16 South, Range 35 East
Section 12: 660' FSL & 400' FWL
Chaves County, New Mexico**

Gentlemen:

Yates Petroleum Corporation plans to drill the captioned well at the non-standard location described above. This location does not comply with the well spacing requirements set forth in NMOCD Rule 104.C(2)(b)(Revised 8/12/99).

If you have no objections to this non-standard location, please signify your approval by signing one copy of this letter in the space provided below and returning same to the undersigned. Any objection must be filed in writing with the New Mexico Oil Conservation Division within twenty (20) days from date of receipt of this notice.

Very truly yours,

YATES PETROLEUM CORPORATION

Robert Bullock
Landman

RB:bn

The undersigned hereby waives any objection to the non-standard location proposed by Yates Petroleum Corporation.

David H. Arrington Oil & Gas, Inc.

By: _____

Title: _____

Date: _____

MARTIN YATES, III
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DENNIS G. KINSEY
TREASURER

October 4, 2002

Permian Resources, Inc.
PO Box 590
Midland, TX 79701

Certified Mail
Return Receipt Requested

**RE: Offset Operator Notification
Non-Standard Location
Globe "BBG" #1
Township 16 South, Range 35 East
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Very truly yours,

YATES PETROLEUM CORPORATION

Robert Bullock
Landman

RB:bn

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Permian Resources, Inc.

By: _____

Title: _____

Date: _____

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SECRETARY
DENNIS G. KINSEY
TREASURER

October 4, 2002

Charles E. Hannon
3525 Andrews Highway, Suite 120
Midland, TX 79703-5048

Certified Mail
Return Receipt Requested

**RE: Offset Operator Notification
 Non-Standard Location
 Globe "BBG" #1
 Township 16 South, Range 35 East
 Section 12: 660' FSL & 400' FWL
 Chaves County, New Mexico**

Dear Mr. Hannon:

Yates Petroleum Corporation plans to drill the captioned well at the non-standard location described above. This location does not comply with the well spacing requirements set forth in NMOCD Rule 104.C(2)(b)(Revised 8/12/99).

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Very truly yours,

YATES PETROLEUM CORPORATION

Robert Bullock
Landman

RB:bn

The undersigned hereby waives any objection to the non-standard location proposed by Yates Petroleum Corporation.

Charles E. Hannon

By: _____

Title: _____

Date: _____

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



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EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

October 4, 2002

E.L. Latham Company
PO Box 1392
Hobbs, NM 88240

Certified Mail
Return Receipt Requested

**RE: Offset Operator Notification
Non-Standard Location
Globe "BBG" #1
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Very truly yours,

YATES PETROLEUM CORPORATION

Robert Bullock
Landman

RB:bn

The undersigned hereby waives any objection to the non-standard location proposed by Yates Petroleum Corporation.

E.L. Latham Company

By: _____

Title: _____

Date: _____

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



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DENNIS G. KINSEY
TREASURER

October 4, 2002

Roy G. Barton, Jr.
1919 N. Turner
Hobbs, NM 88240-2712

Certified Mail
Return Receipt Requested

**RE: Offset Operator Notification
Non-Standard Location
Globe "BBG" #1
Township 16 South, Range 35 East
Section 12: 660' FSL & 400' FWL
Chaves County, New Mexico**

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Very truly yours,

YATES PETROLEUM CORPORATION

Robert Bullock
Landman

RB:bn

The undersigned hereby waives any objection to the non-standard location proposed by Yates Petroleum Corporation.

Roy G. Barton, Jr.

By: _____

Title: _____

Date: _____

MARTIN YATES, III
1912 - 1985
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October 4, 2002

Roy G. Barton, Sr. and
Opal Barton Revocable Trust
1919 N. Turner
Hobbs, NM 88240-2712

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Very truly yours,

YATES PETROLEUM CORPORATION

Robert Bullock
Landman

RB:bn

The undersigned hereby waives any objection to the non-standard location proposed by Yates Petroleum Corporation.

Roy G. Barton, Sr. and Opal Barton Revocable Trust

By: _____

Title: _____

Date: _____

MARTIN YATES, III
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DENNIS G. KINSEY
TREASURER

October 4, 2002

Global Natural Resources Corp.
PO Box 4682
Houston, TX 77210-4682

Certified Mail
Return Receipt Requested

**RE: Offset Operator Notification
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 Globe "BBG" #1
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Very truly yours,

YATES PETROLEUM CORPORATION

Robert Bullock
Landman

RB:bn

The undersigned hereby waives any objection to the non-standard location proposed by Yates Petroleum Corporation.

Global Natural Resources Corp.

By: _____

Title: _____

Date: _____

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
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RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

October 4, 2002

Chesapeake Energy Corp
PO Box 18496
Oklahoma City, OK 73154-0496

Certified Mail
Return Receipt Requested

**RE: Offset Operator Notification
 Non-Standard Location
 Globe "BBG" #1
 Township 16 South, Range 35 East
 Section 12: 660' FSL & 400' FWL
 Chaves County, New Mexico**

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Very truly yours,

YATES PETROLEUM CORPORATION

Robert Bullock
Landman

RB:bn

The undersigned hereby waives any objection to the non-standard location proposed by Yates Petroleum Corporation.

Chesapeake Energy Corp.

By: _____

Title: _____

Date: _____

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
PO BOX 2088
Santa Fe, NM 87504-2088

Form C-101
Revised March 17, 1999
Instructions on back
Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210		² OGRID Number 025575
		³ API Number 30-
⁴ Property Code	⁵ Property Name Global "BBG"	⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
M	12	16S	35E		660'	South	400'	West	Lea

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
⁹ Proposed Pool 1 Wildcat Mississippian						¹⁰ Proposed Pool 2			

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3971'
¹⁶ Multiple N	¹⁷ Proposed Depth 12,350'	¹⁸ Formation Mississippian	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	11 3/4"	42#	450'	550 sx	Surface
11"	8 5/8"	32#	4750'	1450 sx	Surface
7 7/8"	5 1/2"	17# & 20#	12,350	450 sx	TOC-9100'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Yates Petroleum Corporation proposes to drill and test the Mississippian and intermediate formations. Approximately 450' of surface casing will be set and cement circulated. Intermediate casing will be set at 4750' and cemented circulated to surface. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.
MUD PROGRAM: 0-450' FW Gel/Paper; 450'-4750' Brine; 4750'-11200' FW; 11200'-TD'; Salt Gel/Starch/Drispac.
BOPE PROGRAM: A 5000# BOPE will be installed on the 8 5/8" casing and tested daily.

Unorthodox Location Approval is being applied for Administrative Approval.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Clifton R. May</i>		OIL CONSERVATION DIVISION	
Printed name: Clifton R. May		Approved by:	
Title: Regulatory Agent		Title:	
Date: 10/04/02	Phone: (505) 748-1471	Approval Date:	Expiration Date:
		Conditions of Approval Attached <input type="checkbox"/>	

<div style="border: 2px solid black; width: 100%; height: 100%; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-weight: bold; font-size: 24px;">FEE</div> <div style="position: absolute; bottom: 10px; left: 10px; font-size: 12px;"> N.32°55'51.9" W.103°25'06.1" </div> <div style="position: absolute; bottom: 10px; left: 10px; font-size: 12px;"> 100' 860' </div> </div>	<div style="border: 2px solid black; width: 100%; height: 100%; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-weight: bold; font-size: 24px;">FEE</div> <div style="position: absolute; bottom: 10px; left: 50%; transform: translate(-50%, 0); font-weight: bold; font-size: 24px;">FEE</div> </div>
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OPERATOR CERTIFICATION

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

Clifton R. May

Signature _____

Clifton R. May

Printed Name _____

Regulatory Agent

Title _____

10/4/2002

Date _____

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 belief.

9/20/2002

Date Surveyed _____

Signature & Seal of Professional Surveyor

Certificate No. Herschel L. Jones RLS 3640

LOCAL 1

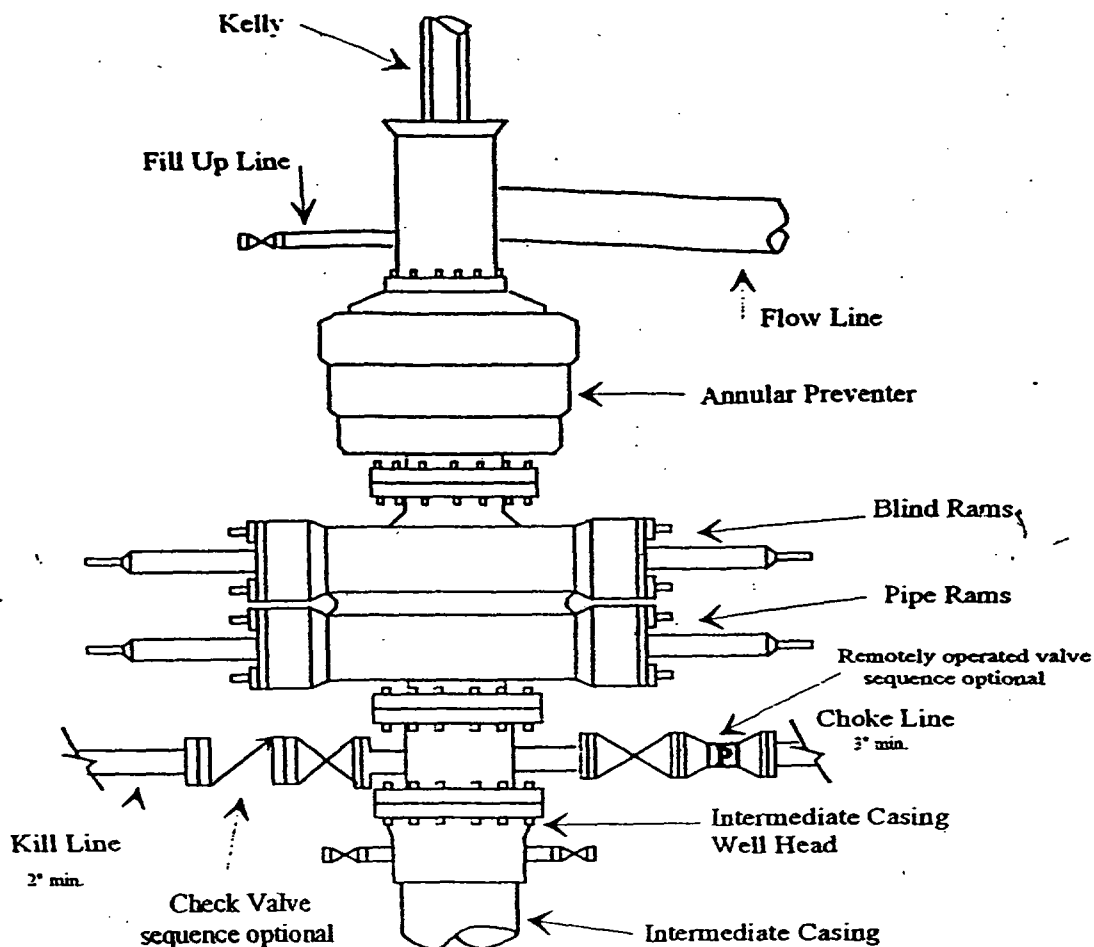
GENERAL SURVEYING COMPANY



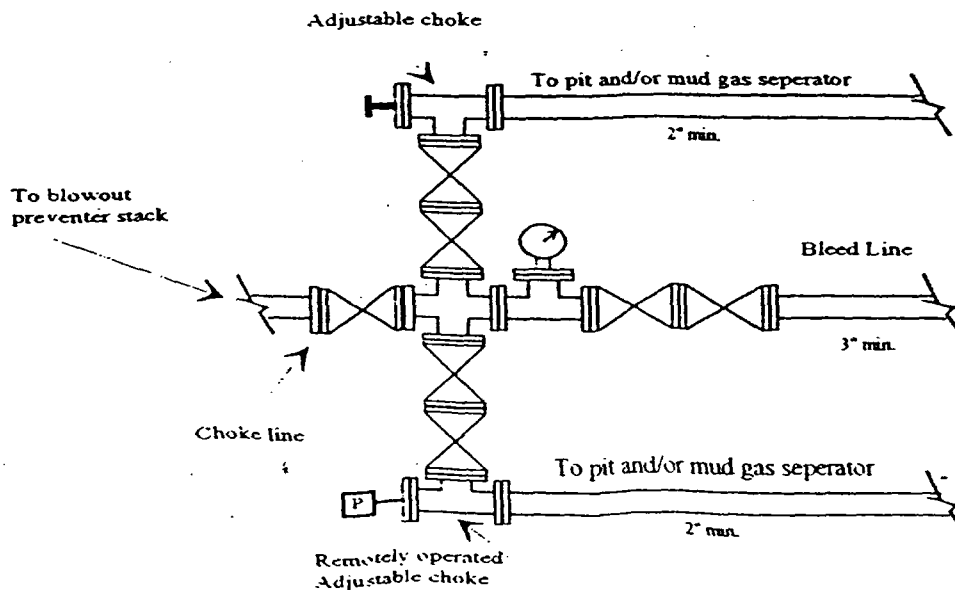
Yates Petroleum Corporation

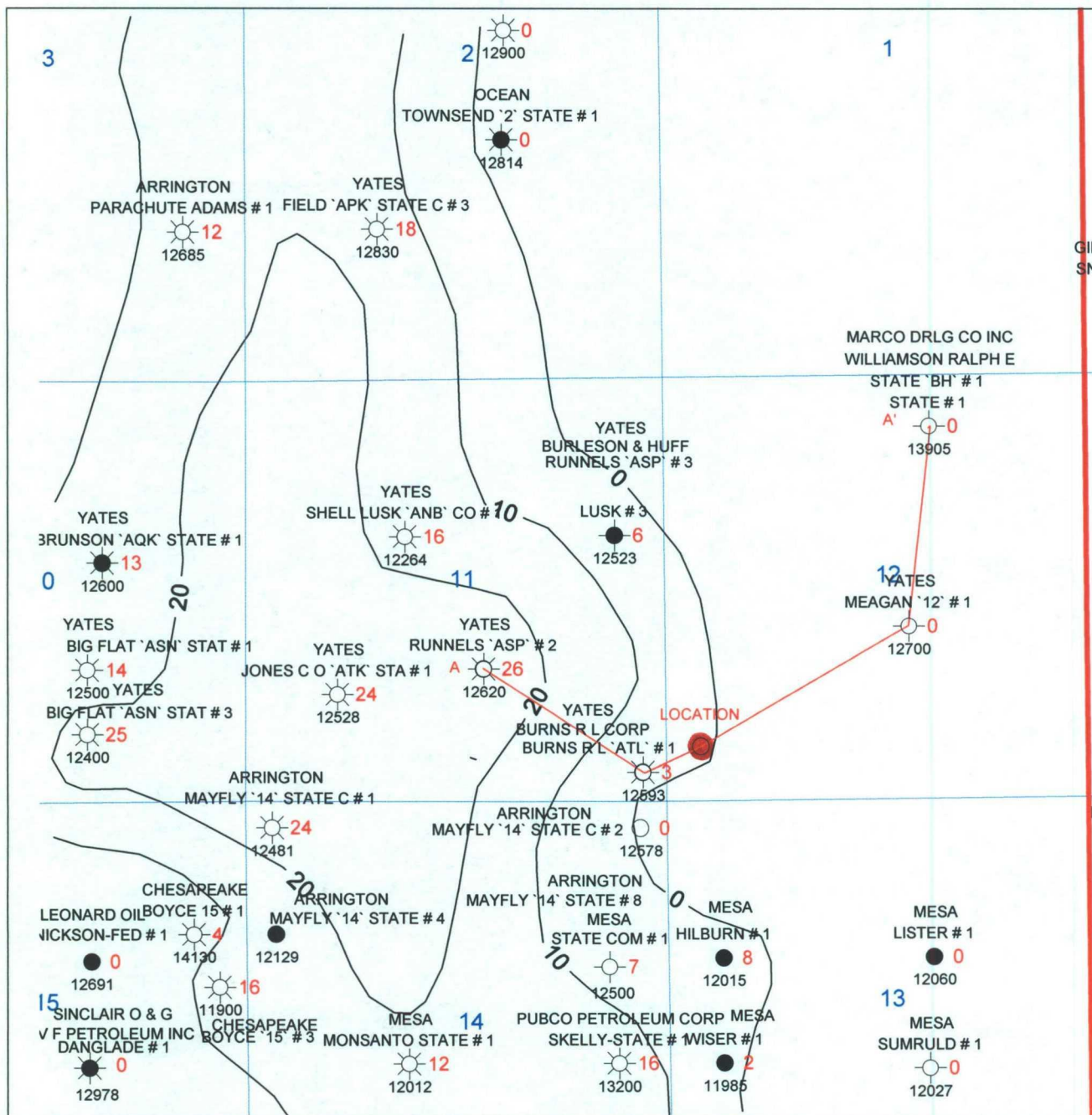
BOP-4

Typical 5,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 5,000 psi choke manifold assembly with at least these minimum features





1 inch = 2000 feet



COUNTY

POOL

TOWNSHIP

RANGE

NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Mississippian

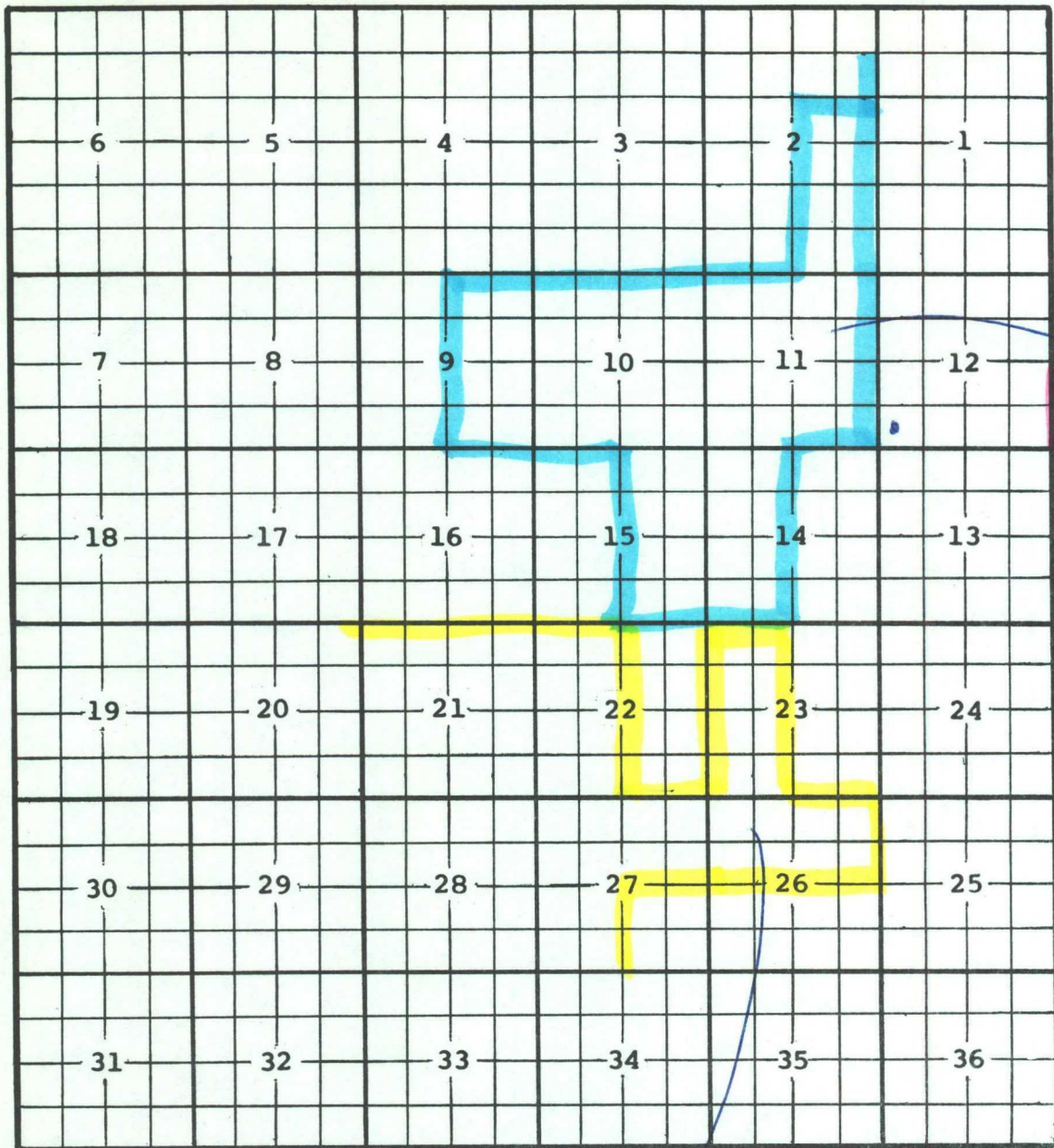
North Townsend
Mississippian Co.

POOL

TOWNSHIP

RANGE

NMPM



North Shore
Bee Atoka

North-east
Shoe Bar-
Stream

Shoe Bar- Atoka

Alaka

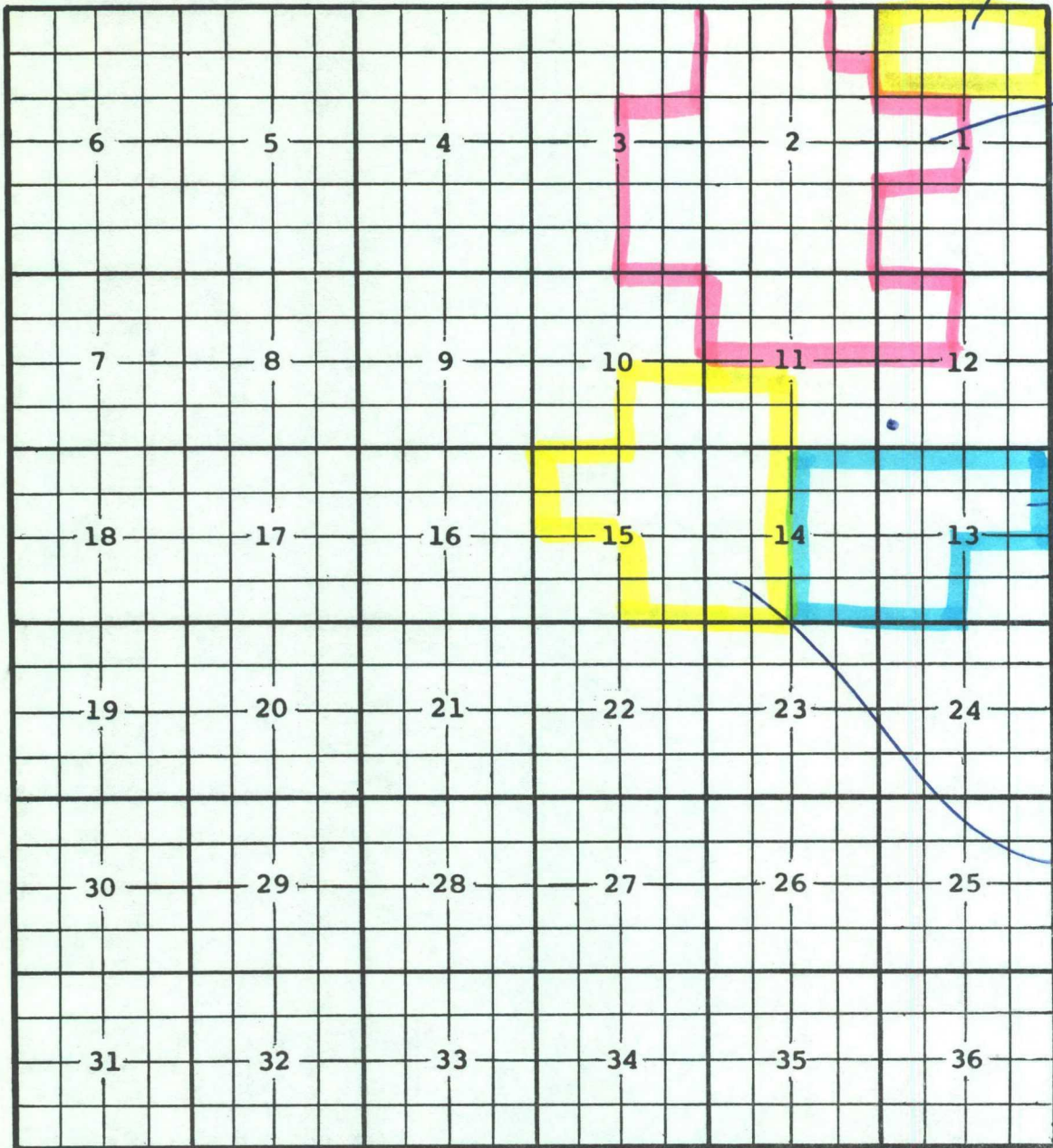
COUNTY

POOL

TOWNSHIP

RANGE

NMPM



160

35E

STRAWN

COUNTY

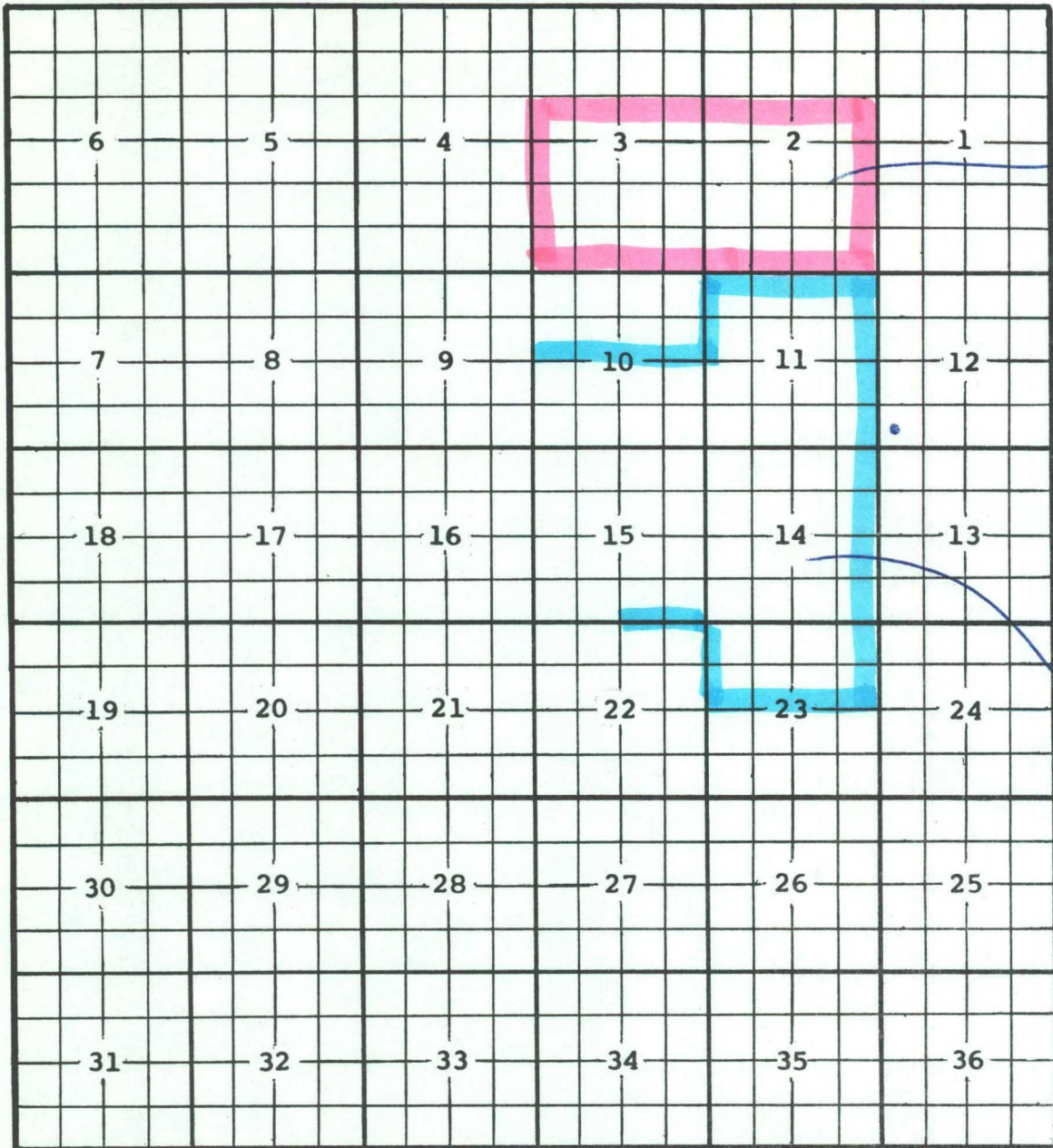
POOL

TOWNSHIP

RANGE

35E

NMPM

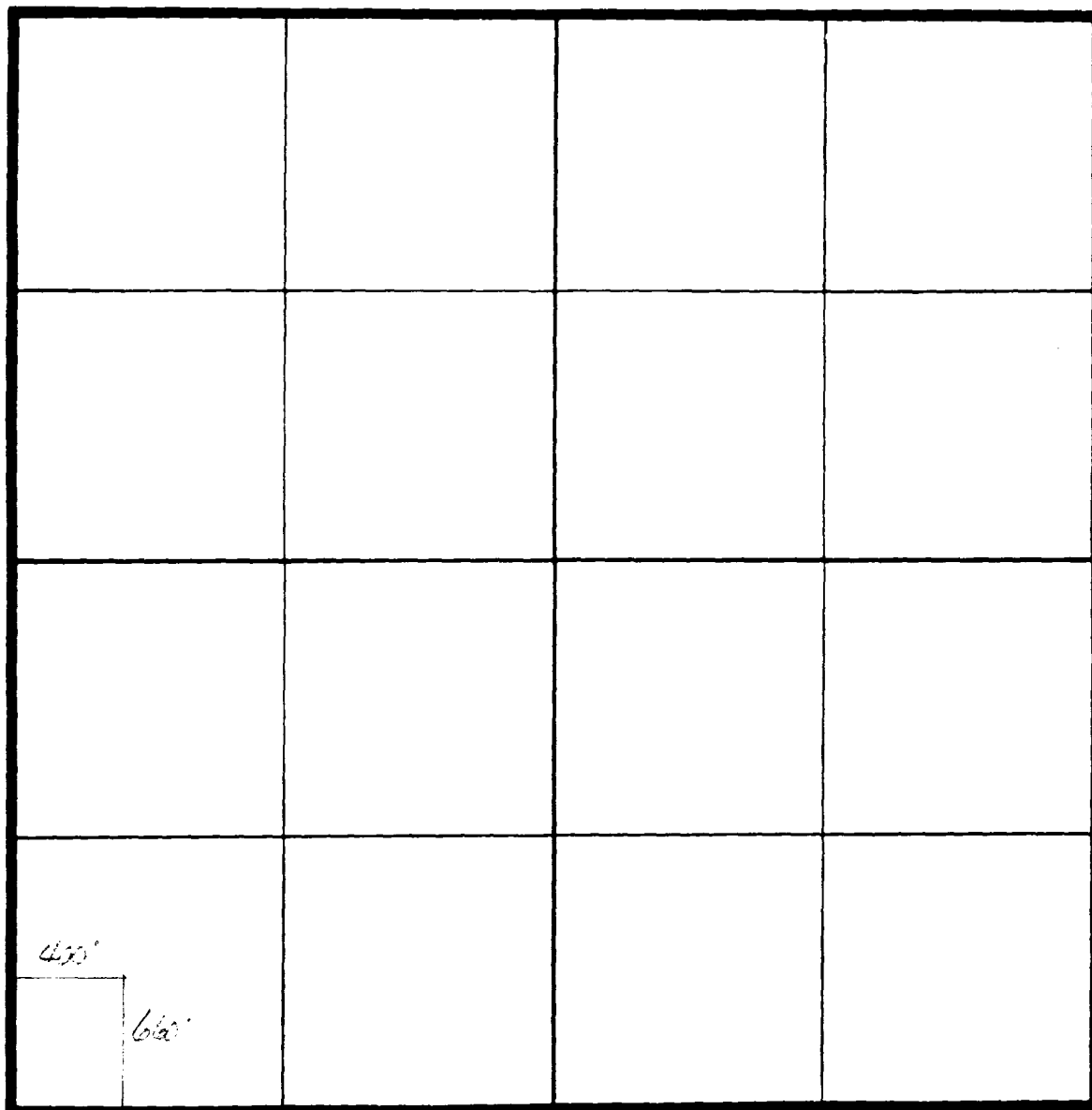


North Shore
Bear Morrow

Townsend
Morrow Gas
Pool

Morrow

Sec _____ Township No. _____ of Range No. _____



Charleston All 320-200, 200'

Abbe, Morris Morgan

Stanton

Charleston

Unit 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Stream -

- 96690 - Und South Big Dog Stream - 80 - 330'
 96649 Und North Shoe Bar Stream - 40 acres
 56270 Und North Shoe Bar Stream 160 acres 150' g Center

Atoka

- 96763 Und North Shoe Bar Atoka Co - 30 - 660' SW
 86400 Morrow Und Townsend Morrow Co Pool - 30 - 660' SW
 96882 Und North Shoe Bar Morrow Co Pool 30 - 660' SW

Mississippian: ~~Und~~ T

- 86350 Und North Townsend Mississippi Co Pool. 30 - 660' SW.

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE