

OCD-ARTESIA

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

## APPLICATION FOR PERMIT TO DRILL OR REENTER

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT1a. Type of Work: ☒ DRILL ☐ REENTER1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone2. Name of Operator YATES PETROLEUM CORPORATION  
Contact: ROBERT ASHER  
E-Mail: basher@ypcnm.com3a. Address  
105 S 4TH STREET  
ARTESIA, NM 882103b. Phone No. (include area code)  
Ph: 505.748.4364  
Fx: 505.748.4572

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At surface SENW 1650FNL 1650FWL

At proposed prod. zone SENW 1650FNL 1650FWL

14. Distance in miles and direction from nearest town or post office\*  
15 MILES SE OF LOCO HILLS, NM15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)  
1650'16. No. of Acres in Lease  
920.0018. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.  
2640'19. Proposed Depth  
12400 MD21. Elevations (Show whether DF, KB, RT, GL, etc.)  
3530 GL

22. Approximate date work will start

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.  
DOMINO AOJ FEDERAL COM. 8

9. API Well No.

10. Field and Pool, or Exploratory  
WILDCAT MISSISSIPPIAN

11. Sec., T., R., M., or Bk. and Survey or Area

Sec 9 T19S R31E Mer NMP  
SME: BLM12. County or Parish  
EDDY13. State  
NM

17. Spacing Unit dedicated to this well

320.00

20. BLM/BIA Bond No. on file

23. Estimated duration  
60 DAYS

## 24. Attachments

## CAPITAN CONTROLLED WATER BASIN

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature  
(Electronic Submission)Name (Printed/Typed)  
CY COWAN Ph: 505.748.4372Date  
05/16/2003Title  
REGULATORY AGENTApproved by (Signature)  
/S/ JOE G. LARAName (Printed/Typed)  
/S/ JOE G. LARADate  
JUN 30 2003Title  
FIELD MANAGEROffice  
CARLSBAD FIELD OFFICEApplication approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

## Additional Operator Remarks (see next page)

Electronic Submission #21936 verified by the BLM Well Information System  
For YATES PETROLEUM CORPORATION, sent to the Carlsbad  
Committed to AFMSS for processing by Linda Askwig on 05/16/2003 (03LA0519AE)APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS  
AND SPECIAL STIPULATIONS  
ATTACHED

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

**Additional Operator Remarks:**

NO REMARK PROVIDED

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  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 15, 2000

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name <b>Wildcat Mississippian</b>
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>DOMINO AQJ FEDERAL COM.</b>	<sup>6</sup> Well Number <b>8</b>
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>YATES PETROLEUM CORPORATION</b>	<sup>9</sup> Elevation <b>3530'</b>

<sup>10</sup> Surface Location


UL or lot no. <b>F</b>	Section <b>9</b>	Township <b>19S</b>	Range <b>31E</b>	Lot Idn	Feet from the <b>1650</b>	North/South line <b>North</b>	Feet from the <b>1650</b>	East/West line <b>West</b>	County <b>Eddy</b>
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<sup>11</sup> 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
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<sup>12</sup> Dedicated Acres <b>320</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief.</p> <p><i>Cy Cowan</i></p> <p>Signature</p> <p><b>Cy Cowan</b></p> <p>Printed Name</p> <p><b>Regulatory Agent</b></p> <p>Title</p> <p><b>5/13/2003</b></p> <p>Date</p>
	<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <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 belief.</p> <p>REFER TO ORIGINAL PLAT</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>Certificate Number</p>

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

DISTRICT II  
811 South First, Artesia, NM 88210

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised March 17, 1999  
Instruction on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		Wildcat Mississippian
Property Code	Property Name	Well Number
	DOMINO "AQJ" FEDERAL COM.	8
OGED No.	Operator Name	Elevation
025575	YATES PETROLEUM CORPORATION	3530

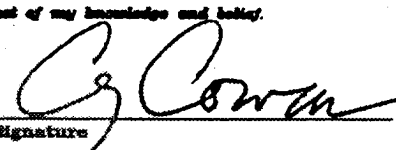
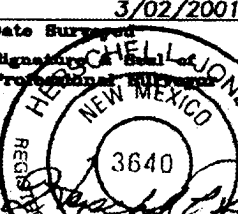
Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	9	19S	31E		1650	NORTH	1650	WEST	EDDY

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
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
320									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div><div>NM-94614</div><div>NM-82902</div><div>1650'</div><div>1650'</div><div>3526 3538</div><div>3519 3527</div><div>N 33°40'39.6"</div><div>W 3°52'39.4"</div></div>			<div><div>OPERATOR CERTIFICATION</div><div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</div><div></div><div>Signature</div><div>Cy Cowan</div><div>Printed Name</div><div>Regulatory Agent</div><div>Title</div><div>March 20, 2001</div><div>Date</div></div>
			<div><div>SURVEYOR CERTIFICATION</div><div>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.</div><div>3/02/2001</div><div>Date Surveyed</div><div></div><div>Signature of Surveyor</div><div>Professional Surveyor</div><div>3640</div><div>Certification No. H. Jones RLS 3640</div><div>GENERAL SURVEYING COMPANY</div></div>

**YATES PETROLEUM CORPORATION**  
**Domino AOJ Federal Com. #8**  
 1650' FNL & 1650' FWL  
 Section. 9 -T19S-R31-E  
 Eddy County, New Mexico

1. The estimated tops of geologic markers are as follows:

Yates	2340'
Queen	3450'
Bone Springs	6750'
Wolfcamp	9900'
Strawn	10900'
Atoka	11100'
Morrow Clastic	11650'
Chester	12150'
TD	12400'

2. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: Approx 250' - 350'  
 Oil or Gas: All Potential Zones

3. Pressure Control Equipment: BOPE will be installed on the 8 5/8" casing and rated for 5000 BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout Preventor controls will be installed prior to drilling the surface plug and will remain in use until the well is completed or abandoned. Preventors will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. See Exhibit B.

Auxiliary Equipment:

A. Auxiliary Equipment: Kelly cock, pit level indicators, flow sensor equipment and a sub with full opening valve to fit the drill pipe and collars will be available on the rig floor in the open position at all times for use when kelly is not in use.

4. THE PROPOSED CASING AND CEMENTING PROGRAM:

A. Casing Program: (All New)

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft</u>	<u>Grade</u>	<u>Coupling</u>	<u>Interval</u>	<u>Length</u>
17 1/2"	13 3/8"	48#	H-40	ST&C	0-600'	600'
12 1/4"	8 5/8"	32#	J-55	ST&C	0-3500'	3500'
7 7/8"	5 1/2"	17#	L-80	LT&C	0-3300'	3300'
7 7/8"	5 1/2"	17#	J-55	LT&C	3300-7400'	4100'
7 7/8"	5 1/2"	17#	N-80	LT&C	7400-10400'	3000'
7 7/8"	5 1/2"	20#	P-110	LT&C	10400-12400'	1000'

WITNESS

WITNESS

Minimum Casing Design Factors: Collapse 1.125, Burst 1.0, Joint Strength 1.8

10-000000

B. CEMENTING PROGRAM:

Surface casing: 250 sx Lite (Yld 2.01 Wt. 12.4) Tail in w/200 sx "C" (Yld 1.34 Wt 14.8)

Intermediate Casing: 1300 sx Lite (Yld 2.06 Wt 12.4); Tail in w/200 sx "C"  
(Yld 1.32 Wt. 14.8)

Production Casing: TOC-6200'; 975 sx Super "C" (Yld 1.67 wt. 13.0).

5. Mud Program and Auxiliary Equipment:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-600'	FW/Spud Mud	8.4-9.0	32-36	N/C
600'-3500'	Brine	10.0-10.2	28	N/C
3500'-10900'	Cut Brine	8.8-9.2	28	N/C
10900'-TD	Salt Gel/Starch/Drispac	9.5-10.0	32-40	<12

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blow out will be available at the well site during drilling operations. Mud will be checked hourly by rig personnel.

6. EVALUATION PROGRAM:

Samples: 10 samples out from under surface casing.

Logging: GR, NEUTRON, DENSITY, LATERLOG.

Coring: As warranted.

DST's: As warranted.

7. Abnormal Conditions, Bottom hole pressure and potential hazards:

Anticipated BHP:

From: O	TO: 600'	Anticipated Max. BHP:	250	PSI
From: 600'	TO: 3500'	Anticipated Max. BHP:	1800	PSI
From: 3500'	TO: TD	Anticipated Max. BHP:	6400	PSI

No abnormal pressures or temperatures are anticipated.

Lost Circulation Zones Anticipated: None.

H2S Zones Anticipated: None

8. ANTICIPATED STARTING DATE:

Plans are to drill this well as soon as possible after receiving approval. It should take approximately 45 days to drill the well with completion taking another 15 days.

# **MULTI-POINT SURFACE USE AND OPERATIONS PLAN**

**Yates Petroleum Corporation**

**Domino AOJ Federal Com. #8**

**1650' FNL & 1650' FWL**

**Section. 9, T-19S-R31-E**

**Eddy County, New Mexico**

This plan is submitted with Form 3160-3, Application for Permit to Drill, covering 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 the surface disturbance involved and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effect associated with the operations.

## **1 EXISTING ROADS:**

Exhibit A is a portion of the BLM map showing the well and roads in the vicinity of the proposed location. The proposed wellsite is located approximately 15 miles southeast of Loco Hills, New Mexico and the access route to the location is indicated in red and green on Exhibit A.

### **DIRECTIONS:**

Go east of Loco Hills on Highway 82 approx. 4.8 miles to County Road (222) Sugart Road. Turn south and go approx. 10 miles cattle guard on right. Turn west, crossing cattle guard and go on caliche road for approx. 0.4 of a mile. The lease road will cross another cattle guard and the road will fork. The new road will start here going north on an existing two-track road. Go north on the two-track road for approx. 0.3 of a mile to the southwest corner of the drilling pad.

## **2. PLANNED ACCESS ROAD.**

- A. The proposed new access will go north for approximately 0.3 of a mile on the existing two-track road to the southwest corner of the drilling pad. The road will lie in a south to north direction.
- B. The new road will be 14 feet in width (driving surface) and will be adequately drained to control runoff and soil erosion.
- C. The new road will be bladed with drainage on one side. Traffic turnout may be built.
- D. The route of the road is visible.
- E. Existing roads will be maintained in the same or better condition.

## **3. LOCATION OF EXISTING WELL**

- A. There is drilling activity within a one-mile radius of the wellsite.
- B. Exhibit D shows existing wells within a one-mile radius of the proposed wellsite.

## **4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

- A. There are production facilities on this lease at the present time.
- B. In the event that the well is productive, the necessary production facilities will be installed on the drilling pad. If the well is productive oil, a gas or diesel self-contained unit will be used to provide the necessary power. No power will be required if the well is productive of gas.

**5. LOCATION AND TYPE OF WATER SUPPLY:**

- A. It is planned to drill the proposed well with a fresh water system. The water will be obtained from commercial sources and will be hauled to the location by truck over the existing and proposed roads shown in Exhibit A.

6. SOURCE OF CONSTRUCTION MATERIALS:

Dirt contractor will locate closest pit and obtain any permits and materials needed for construction.

## 7. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the reserve pits.
- B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
- C. Water produced during operations will be collected in tanks until hauled to an approved disposal system, or separate disposal application will be submitted.
- D. Oil produced during operations will be stored in tanks until sold.
- E. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- F. All trash, junk, and other waste materials will be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not approved.

8. **ANCILLARY FACILITIES:** None.

9. WELLSITE LAYOUT:

- A. Exhibit C shows the relative location and dimensions of the well pad, the reserve pits, the location of the drilling equipment, rig orientation and access road approach.
- B. The reserve pits will be plastic lined.
- C. A 400' x 400' area has been staked and flagged.

## 10. PLANS FOR RESTORATION

- A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleaned of all trash and junk to leave the wellsite in as aesthetically pleasing a condition as possible.
- B. Unguarded pits, if any, containing fluids will be fenced until they have dried and been leveled.
- C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the Bureau of Land Management will be complied with and will be accomplished as expeditiously as possible. All pits will be filled level after they have evaporated and dried.

11. SURFACE OWNERSHIP: Federal surface, Administered by the Bureau of Land Management, Carlsbad, New Mexico.



12-03-2003

12. OTHER INFORMATION:

- A. Topography: Refer to the existing archaeological report for a description of the topography, flora, fauna, soil characteristics, dwellings, historical and cultural sites.
- B. The primary surface use is for grazing.

13. OPERATOR'S REPRESENTATIVE

A. Through A.P.D. Approval:

Cy Cowan, Regulatory Agent  
Yates Petroleum Corporation  
105 South Fourth Street  
Artesia, New Mexico 88210  
Phone (505) 748-1471

B. Through Drilling Operations,  
Completions and Production:

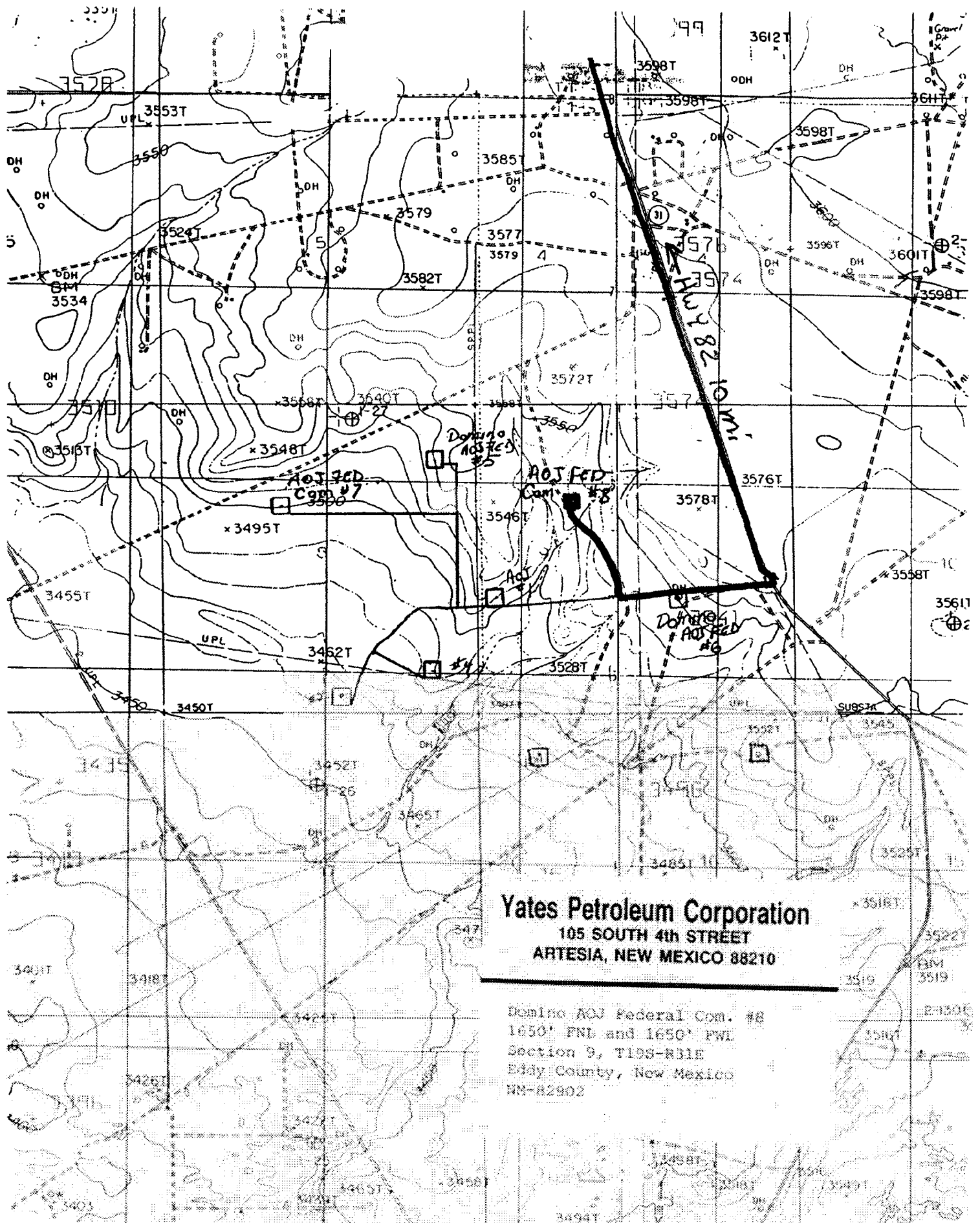
Pinson McWhorter,  
Operations Manager  
Yates Petroleum Corporation  
105 South Fourth Street  
Artesia, New Mexico 88210  
Phone (505) 748-1471

14. CERTIFICATION:

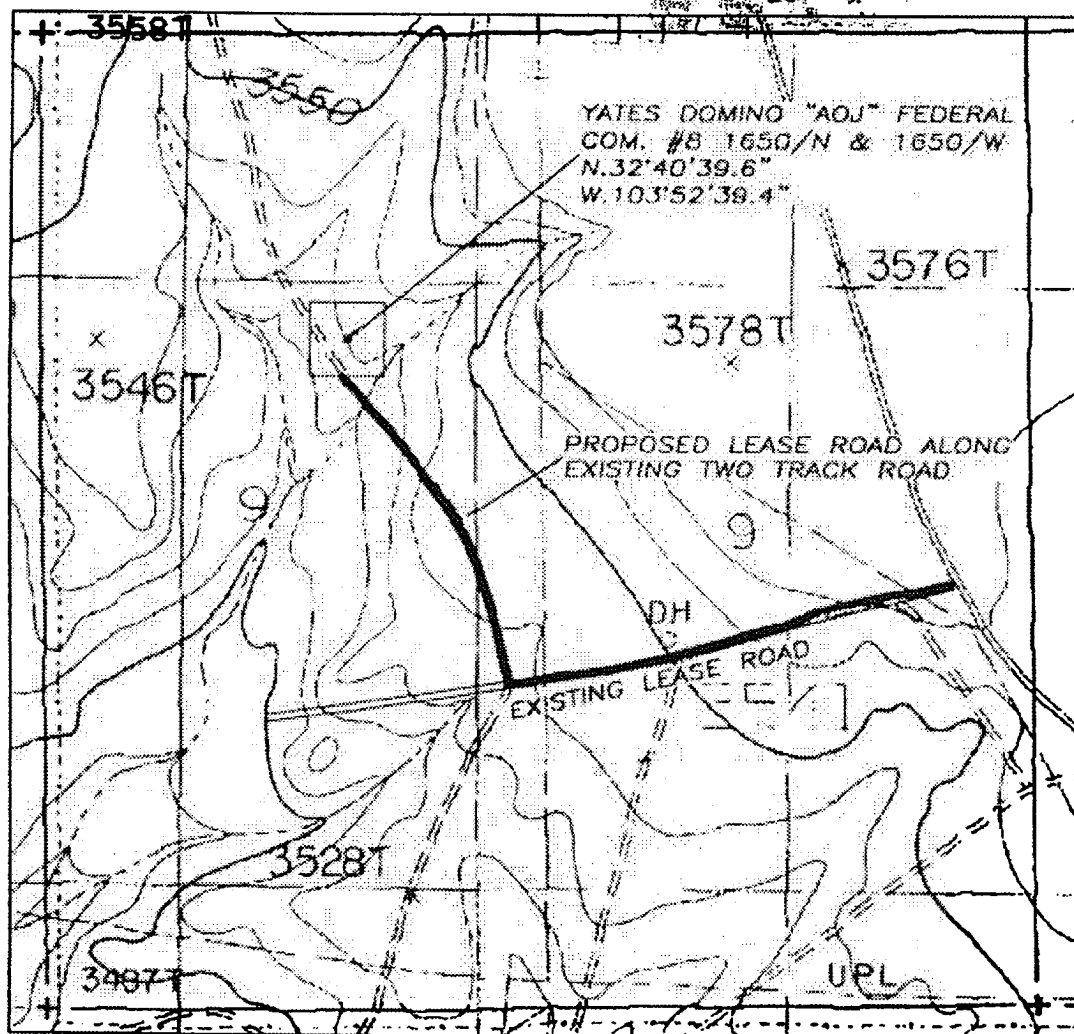
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Yates Petroleum Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

05/13/03

  
Regulatory Agent



SECTION 9, TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM, EDDY COUNTY, NEW MEXICO.



1000' 0 1000' 2000'  
Scale 1" = 1000'

THE PREPARATION OF THIS PLAT AND THE PERFORMANCE OF THE SURVEY UPON WHICH THIS IS BASED WERE DONE UNDER MY DIRECTION AND THE PLAT ACCURATELY DEPICTS THE RESULTS OF SAID SURVEY AND MEET THE REQUIREMENTS OF THE STANDARDS FOR LAND SURVEYS IN NEW MEXICO AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS.

3640  
HERSCHEL L. JONES, L.S. No. 3640

GENERAL SURVEYING COMPANY P.O. BOX 1928  
LOVINGTON, NEW MEXICO 88260

YATES PETROLEUM CORP.

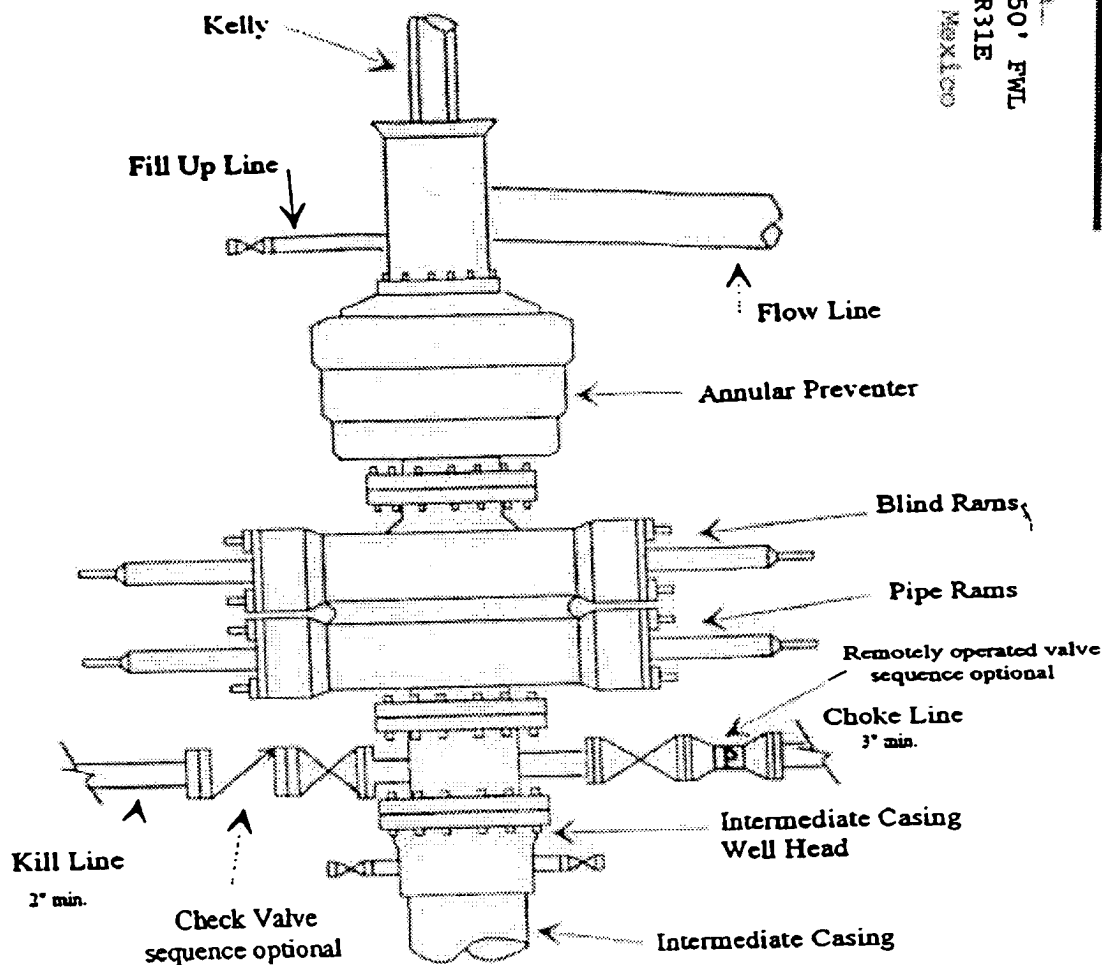
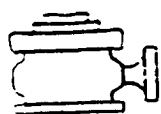
LEASE ROAD TO ACCESS THE YATES DOMINO  
"AOJ" FEDERAL COM. #8 LOCATED IN SECTION  
9, TOWNSHIP 19 SOUTH, RANGE 31 EAST,  
NMPM, EDDY COUNTY, NEW MEXICO.

Survey Date: 3/02/2001	Sheet 1 of 1 Sheets
Drawn By: Ed Blevins	W.O. Number
Date: 3/05/01	Scale 1" = 1000' DOMINO 8

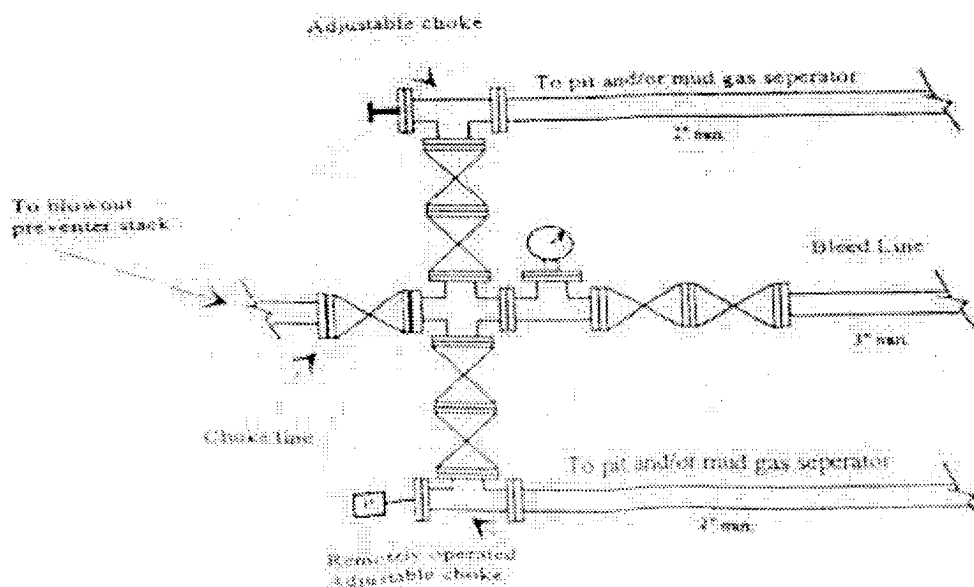
**Yates Petroleum Corporation**  
 105 SOUTH 4th STREET  
 ARTESIA, NEW MEXICO 88210

Domino  
 1650' FNL and 1650' FWL  
 Section 9, T19S-R31E  
 Eddy County, New Mexico  
 NMB2902

# **Yates Petroleum Corporation** Typical 5,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



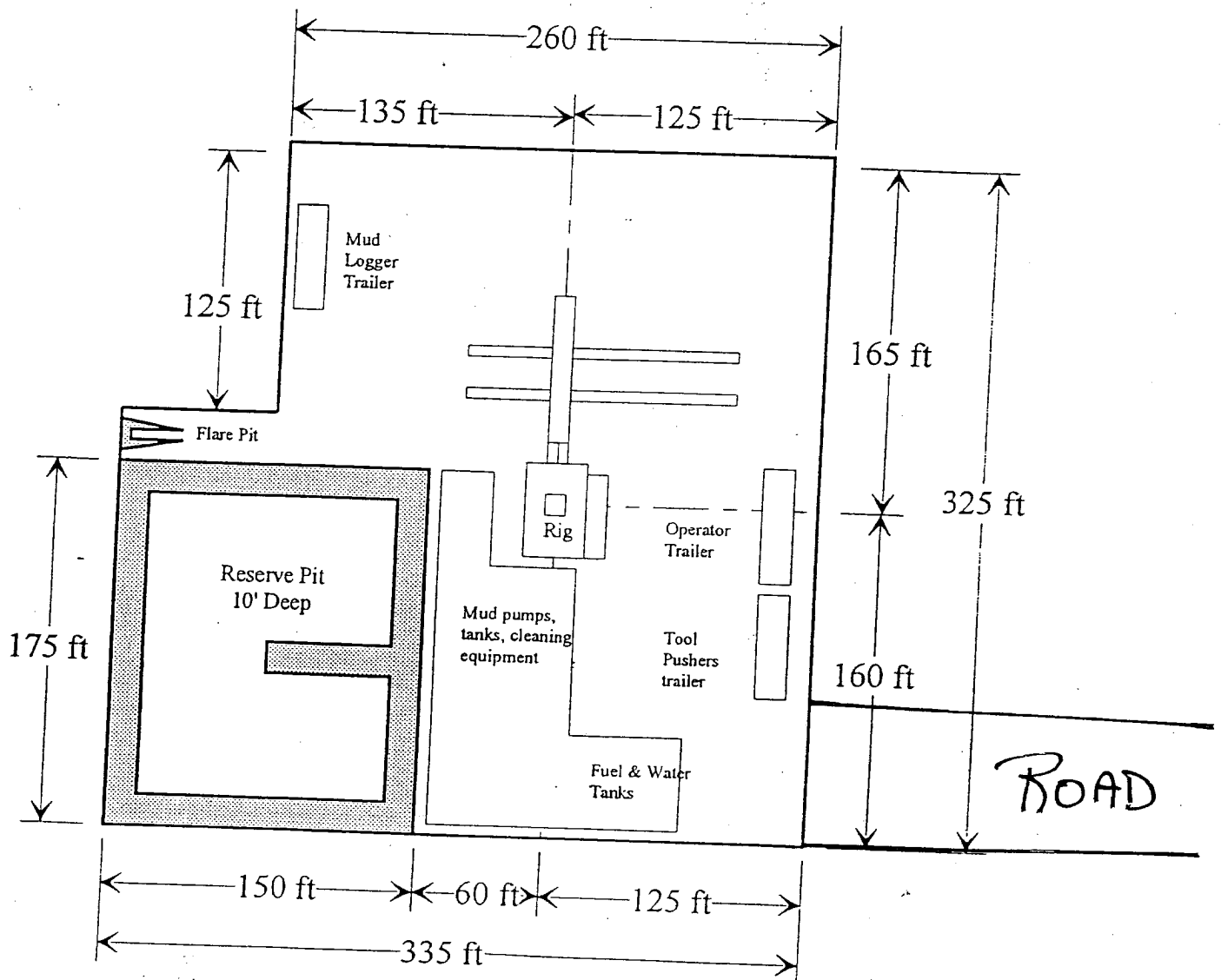
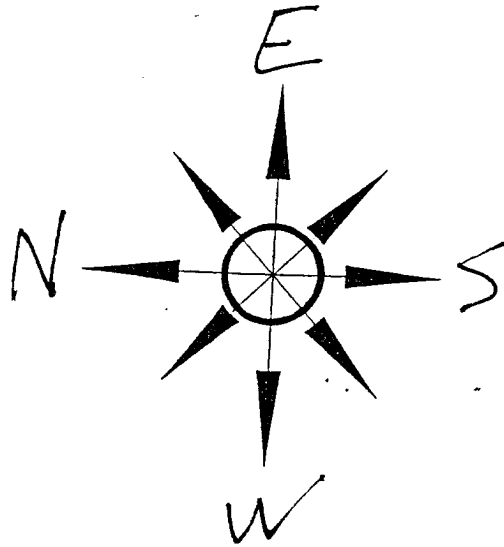
Typical 5,000 psi choke manifold assembly with at least these minimum features



PB - L1

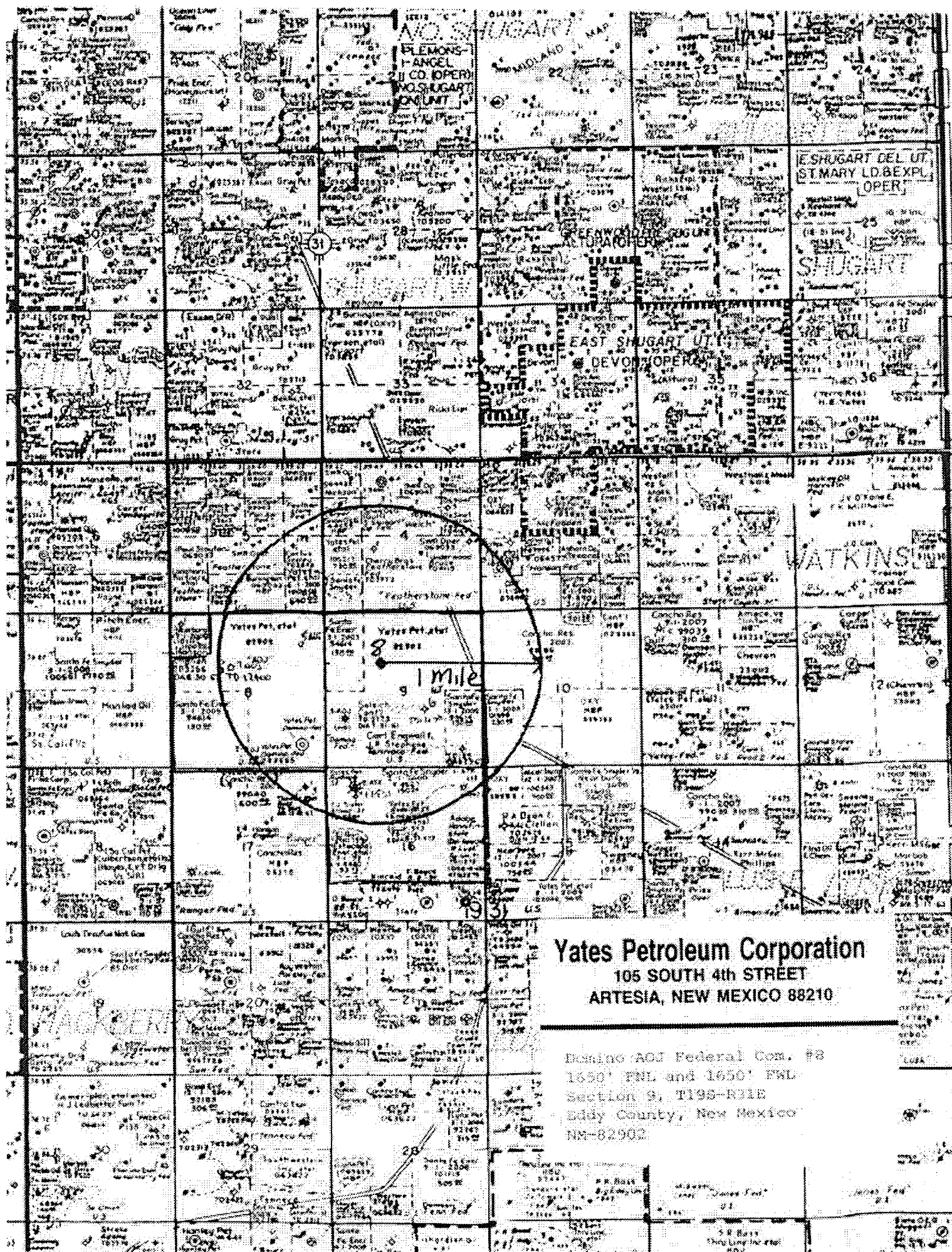
# Yates Petroleum Corporation

Location Layout for Permian Basin  
Up to 12,000'



Distance from Well  
Head to Reserve Pit  
will vary between rigs

The above dimension  
should be a maximum



**Yates Petroleum Corporation**  
105 SOUTH 4th STREET  
ARTESIA, NEW MEXICO 88210

Domino AOC Federal Con. #8  
1650' FNL and 1650' FNL  
Section 9, T19S-R31E  
Eddy County, New Mexico  
NM-82902