

ATS-07-324

S

Form 3160-3
(August 1999)Month - Year
MAR 28 2007
OCD - ARTESIA, NM

If earthen pits are used in association with the drilling of this well, an OCD pit permit must be obtained prior to pit construction.

(RESUBMITTAL)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

0
OMB No. 1004-0136
Expires November 30, 2000

1a. Type of Work: ☒ DRILL ☐ REENTER

b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

5. Lease Serial No.
NM-82902

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.
22903

8. Lease Name and Well No.
Domino AOJ Federal Com #6

2. Name of Operator
Yates Petroleum Corporation 25575 CAPITAN CONTROLLED WATER BASIN

9. API Well No.
30-015-35524

3A. Address **105 South Fourth Street
Artesia, New Mexico 88210**

3b. Phone No. (include area code)
(505) 748-1471

10. Field and Pool, or Exploratory
Wildcat Mississippian (96068)

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

At surface **1880' FSL and 1980' FEL, Unit J**

At proposed prod. Zone **Same**

11. Sec., T., R., M., or Blk. and Survey or Area
Section 9, T19S-R31E

14. Distance in miles and direction from nearest town or post office*

15 miles southeast of Loco Hills, New Mexico.

12. County or Parish
Eddy County

13. State
NM

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
1980'

16. No. of Acres in lease

240.00

17. Spacing Unit dedicated to this well

E/2 320

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.
1 mile

19. Proposed Depth

12,150

20. BLM/BIA Bond No. on file

NMB000434

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

3550' GL

22. Approximate date work will start*

ASAP

23. Estimated duration

60 days

24. Attachments

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

- | | |
|---|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature Cy Cowan Name (Printed/Typed) **Cy Cowan** Date **22 2/14/2007**

Regulatory Agent

Regulatory Agent

Approved by (Signature) Dorothy Morgan Name (Printed/Typed) **Dorothy Morgan** Date **3-26-07**

Title **ACTING FIELD MANAGER** Office **CARLSBAD FIELD OFFICE**

Application approval does not warrant or certify that 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.

*(Instructions on reverse) C-144 attached
**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS
AND SPECIAL STIPULATIONS
ATTACHED**

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

District II
1301 W. Grand Avenue, 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 October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name Wildcat Mississippian
⁴ Property Code	⁵ Property Name DOMINO AOJ FEDERAL COM	
⁷ OGRID No. 025575	⁸ Operator Name YATES PETROLEUM CORPORATION	⁶ Well Number 6 ⁹ Elevation 3127'

¹⁰ Surface Location

UL or lot no. J	Section 9	Township 19S	Range 31E	Lot Idn	Feet from the 1880	North/South line SOUTH	Feet from the 1980	East/West line EAST	County EDDY
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¹¹ 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
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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.

¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature _____ Date 2/14/07 Cy Cowan Printed Name Regulatory Agent Title
	¹⁸ 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. Date of Survey Signature and Seal of Professional Surveyor: REFER TO ORIGINAL PLAT Certificate Number

DISTRICT III
1000 E. Brasas Rd., Aztec, NM 87410

DISTRICT IV .
2040 South Pacheco, Santa Fe, NM 87505

Energy, Minerals and Natural Resources Department

Submit to Appro. Ante District Office
State Lease - 4 Copies
Fed Lease - 3 Copies

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

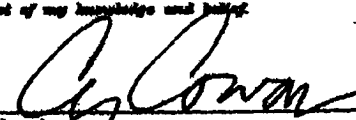


AMENDED REPORT

API Number	Pool Code	Pool Name Wildcat Mississippian
Property Code	Property Name DOMINO "AOJ" FEDERAL COM.	Well Number 8
LEASED No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3550

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	9	19S	31E		1880	SOUTH	1880	EAST	EDDY

UL or lot No.	Section	Township	Range	Lot Ltn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or InTR	Consolidation Code		Order No.					

<p>NM- 8290Z</p>	<p>1980'</p>	<p>1980'</p>	<p>NM- 94614</p>
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OPERATOR CERTIFICATION	
<p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p>	
	
<p>Signature _____</p>	
<p>Printed Name <u>Cy Cowan</u></p>	
<p>Title <u>Regulatory Agent</u></p>	
<p>Date <u>January 9, 2001</u></p>	
SURVEYOR CERTIFICATION	
<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>Date Surveyed <u>12/11/2000</u></p>	
	
<p>Signature of Seal of Professional Engineer _____</p>	
	
<p>Registration No. <u>Herschel E. Jones RLS 3640</u></p>	
<p>DOMINO 8 DISK 36</p>	
<p>GENERAL SURVEYING COMPANY</p>	

YATES PETROLEUM CORPORATION

Domino AOJ Federal #6

1880' FSL & 1980' FEL

Sec. 9-T19S-R31-E

Eddy County, New Mexico

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

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

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	0-550'	550'
12 1/4"	8 5/8"	32#	J-55	ST&C	0-3450'	3450'
7 7/8"	5 1/2"	17#	L-80	LT&C	0-3000'	3000'
7 7/8"	5 1/2"	17#	J-55	LT&C	3000-7500'	4500'
7 7/8"	5 1/2"	17#	HCP-110	LT&C	7500-12150'	4750'

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

B. CEMENTING PROGRAM:

Surface casing: 250 sx Lite (Yld 2.01 Wt.12.4) Tail in w/200 sc "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=9400'; 400 sx Super "C" (Yld 1.67 wt. 13.0).

5. Mud Program and Auxiliary Equipment: *CoA →*

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-825'	FW/Spud Mud	8.4-9.0	32-36	N/C
825'-3450'	Brine	10.0-10.2	28	N/C
3450'-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: Possible sidewall cores.
DST's: As warranted.

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

Anticipated BHP:

From: 0	TO: 825'	Anticipated Max. BHP:	240	PSI
From: 825'	TO: 3450'	Anticipated Max. BHP:	1800	PSI
From: 3450'	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 #6
1880' FSL & 1980' FEL
Sec. 9-T19S-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 16 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 on caliche road for approx. .3 of a mile. New road starts here.

2. PLANNED ACCESS ROAD.

- A. No access road will be needed.
- B. N/A
- C. N/A
- D. N/A
- E. N/A

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 land fill. Burial on site is not approved.

8. ANCILLARY FACILITIES: None.

9. WELLSITE LAYOUT: The location was moved to this current location per the onsite with Mr. Barry Hunt on December 14, 2000.

- 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. 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.

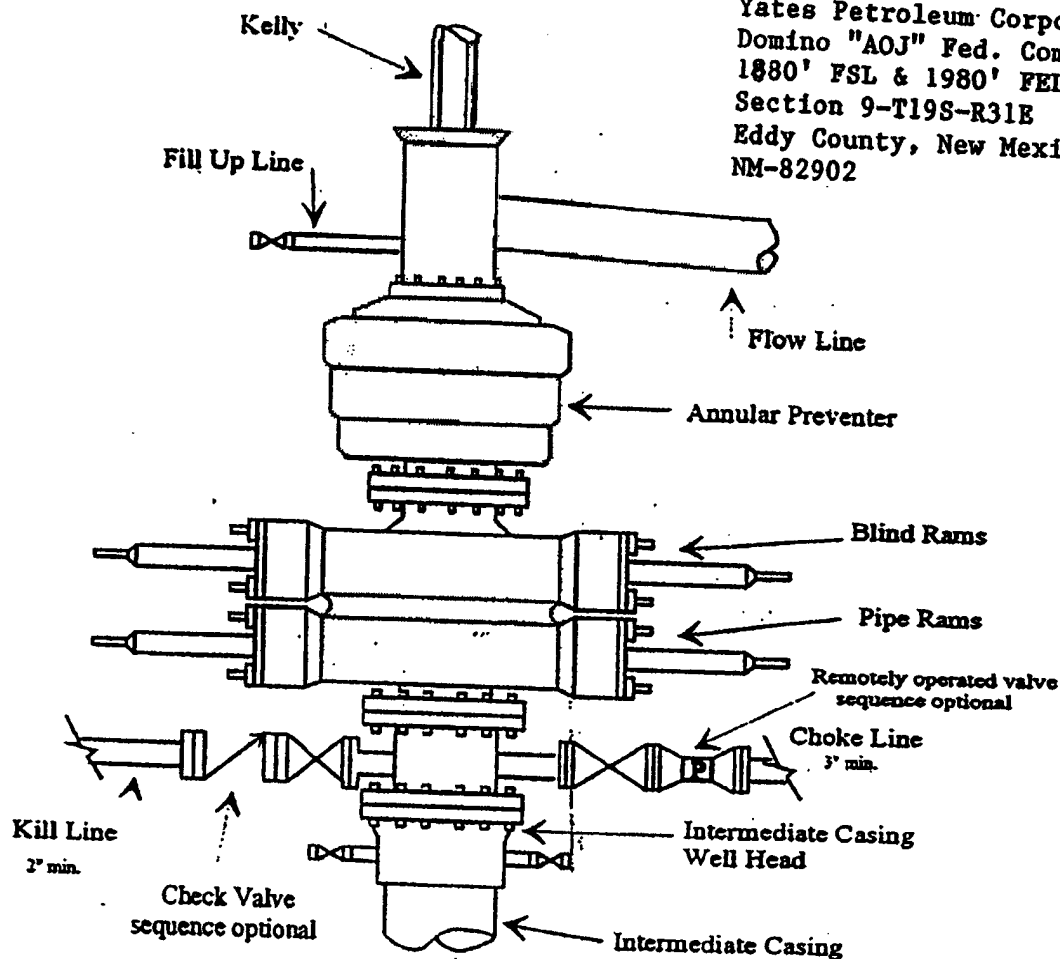
02/14/2007


Regulatory Agent

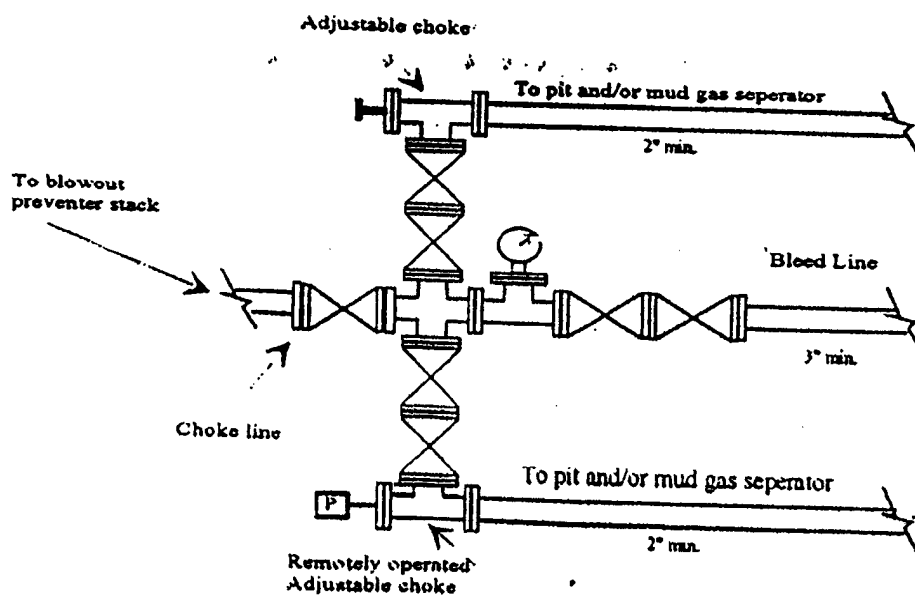


Yates Petroleum Corporation
Typical 5,000 psi Pressure System
Schematic
Annular with Double Ram Preventer Stack

Yates Petroleum Corporation
Domino "AOJ" Fed. Com. #6
1880' FSL & 1980' FEL
Section 9-T19S-R31E
Eddy County, New Mexico
NM-82902



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

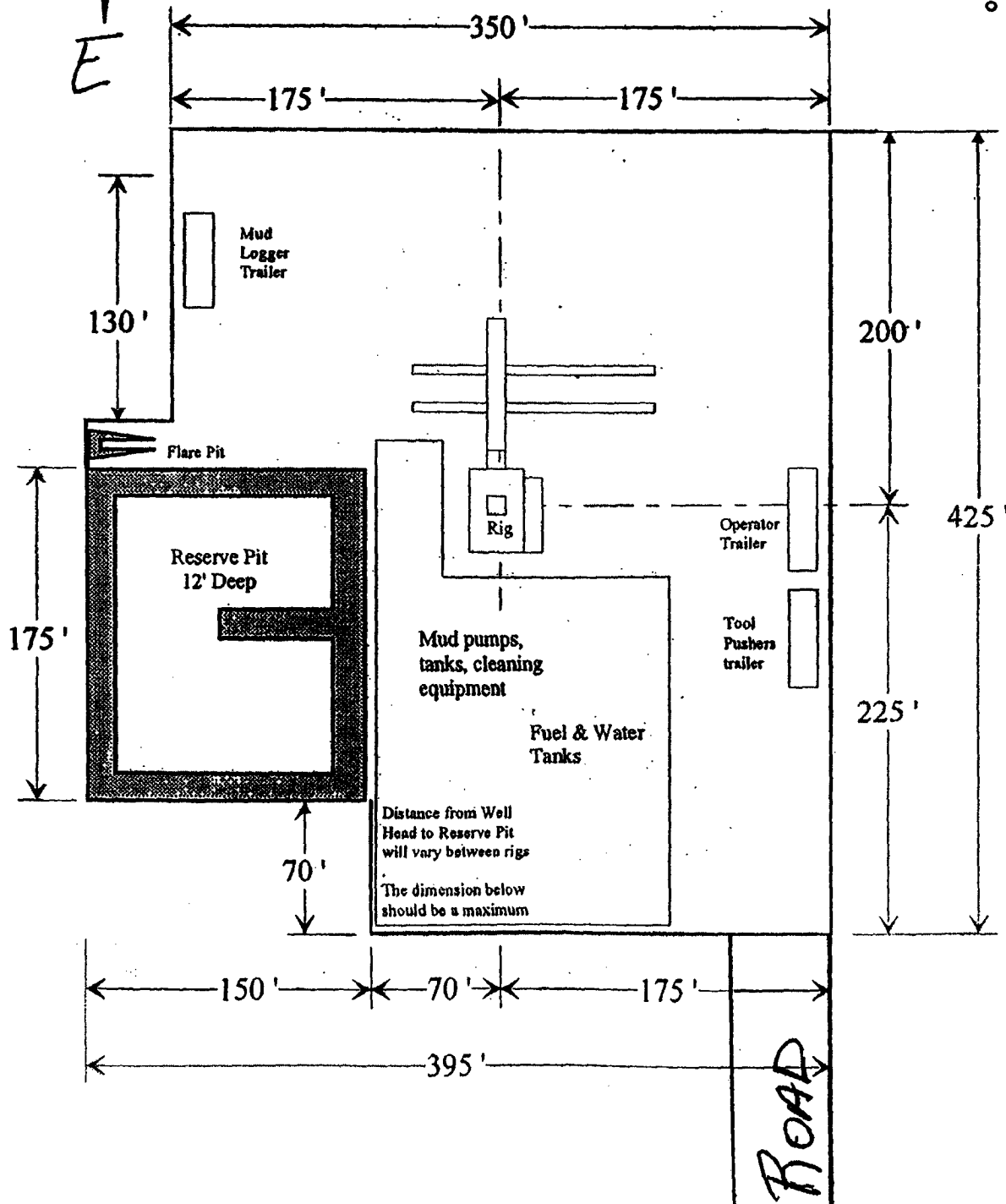
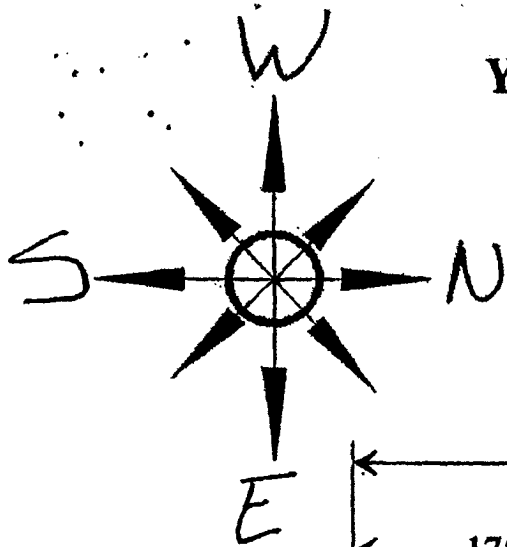


PB - L2

Yates Petroleum Corporation
Location Layout for Permian Basin
12,000' to 14,000'

Yates Petroleum Corporation
Domino "AOJ" Fed. Com. #6
1580' FSL & 1980' FEL
Section 9-T19S-R31E
Eddy County, New Mexico
NM-82902

Pits to the South.



_____, NM 88240
_____, Artesia, NM 88210
_____, Road, Aztec, NM 87410
_____, Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
March 12, 2004

For drilling and production facilities, submit to
appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe
office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes xx No ☐

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: Yates Petroleum Corporation Telephone: (505) 748-4372 e-mail address: debbiec@ypecnm.com
Address: 105 South 4th Street, Artesia, NM 88210 **30-015-32677**
Facility or well name: Domino AOI Federal Com. #6 API #: _____ U/L or Qtr/Qtr 1 Sec 9 T 19S R 31E
County: Eddy Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐ Surface Owner - Federal ☒ State ☐ Private ☐ Indian ☐

Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12 mil</u> Clay <input type="checkbox"/> Volume _____ bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)
	50 feet or more, but less than 100 feet	(10 points)
	<u>100 feet or more</u>	<u>(0 points)</u>
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes	(20 points)
	<u>No</u>	<u>(0 points)</u>
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)
	200 feet or more, but less than 1000 feet	(10 points)
	<u>1000 feet or more</u>	<u>(0 points)</u>
Ranking Score (Total Points)		<u>0 Points</u>

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: onsite ☐ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Date: February 07, 2005

Printed Name/Title Debbie L. Caffall/Regulatory Technician Signature Debbie L. Caffall

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

MAR 17 2005

Printed Name/Title Wild Sep ID Signature DR

CONDITIONS OF APPROVAL - DRILLING

Operator's Name: Yates Petroleum Corporation
Well Name & No. 6-Domino AOJ Federal Com
Location: 1880FSL, 1980FEL, Section 9, T-19-S, R-31-E
Lease: NM-82902

.....

I. DRILLING OPERATIONS REQUIREMENTS:

- A. The Bureau of Land Management (BLM) is to be notified a minimum of 4 hours in advance for a representative to witness:
1. Spudding well
 2. Setting and/or Cementing of all casing strings
 3. BOPE tests
- Eddy County call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220, (505) 361-2822
- B. **Although H2S has not been reported in this section, it has been reported in the township to the east with measurements ranging from 200-3000 ppm in gas streams and STVs. It is recommended that monitoring equipment be available prior to drilling into the Yates formation.**
- C. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
- D. If floor controls are required, (3M or Greater) controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.

II. CASING:

- A. The 13-3/8 inch surface casing shall be set a minimum of 25 feet into the Rustler Anhydrite at approximately 825 feet and cemented to the surface.
1. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with a surface log readout will be used or a cement bond log shall be run to verify the top of the cement.
 2. Wait on cement (WOC) time for a primary cement job will be a minimum of 12 hours for a non-water basin, 18 hours for a water basin, 24 hours in the potash area, or 500 pounds compression strength, whichever is greater. (This is to include the lead cement)
 3. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compression strength, whichever is greater.
 4. If cement falls back, remedial action will be done prior to drilling out that string.

Possible lost circulation in the Artesia Group and Capitan Reef.
Possible water flows in the Artesia and Salado Groups.

Possible high pressure in the Wolfcamp and over pressurized zones in the Strawn, Atoka, and Morrow formations.

- B. The minimum required fill of cement behind the 8-5/8 inch intermediate casing is cement to circulate to surface. If cement does not circulate see A.1 thru 4.**
- C. The minimum required fill of cement behind the 5-1/2 inch production casing is cement will extend a minimum of 200' inside the intermediate casing. Class H cement required.**
- D. If hardband drill pipe is rotated inside casing; returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool I joints of the drill pipe will be installed prior to continuing drilling operations.**

III. PRESSURE CONTROL:

BOPE to be installed on the 13-3/8" casing.

- A. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53.**
- B. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be 2000 (2M) PSI.**
- C. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the 8-5/8" Intermediate casing shoe shall be 5000 (5M) PSI.**
- D. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.**
 - 1. The tests shall be done by an independent service company.**
 - 2. The results of the test shall be reported to the appropriate BLM office.**
 - 3. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.**
 - 4. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi in accordance with API RP 53. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug.**
 - 5. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp (formation). This test does not exclude the test prior to drilling out the casing shoe as per Onshore Order No. 2.**
 - 6. A variance to test the surface casing and BOP/BOPE to the reduced pressure of ____psi with the rig pumps is approved.**

IV. DRILLING MUD:

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the Wolfcamp formation, and shall be used until production casing is run and cemented.

Engineer on call phone: 505-706-2779

WWI 030107