

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
N.M. Oil Cons.  
1301 W. Grand Ave.  
Albuquerque, NM 87102

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON ARTESIA, NM 88210

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Yates Petroleum Corporation /

3a. Address

105 South Fourth Street, Artesia, NM 88210

3b. Phone No. (include area code)

(505) 748-1471

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

700' FSL and 860' FEL  
Section 24, T18S-R30E

5. Lease Serial No.

LC-028990-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/o

8. Well Name and No.

Creek AL Federal #17

9. API Well No.

30-015-32208

10. Field and Pool, or Exploratory Area  
Wildcat Morrow

11. County or Parish, State

Eddy County, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change of</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Location and</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>TD.</u>

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Yates Petroleum Corporation wishes to change the location for the captioned well from 660' FSL and 480' FEL to the new location of 700' FSL and 860' FEL. Also, we wish to change the TD of this well to 12,200'. Thank you.

Please see attached replacement pages.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Cy Cowan

Title

Regulatory Agent

Signature

Date

April 18, 2002

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

/S/ JOE G. LARA

FIELD MANAGER

Date

MAY 01 2002

Conditions of approval, if any, are attached. Approval of this notice 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.

Office

CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001, 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)

RECEIVED  
2002 APR 23 PM 2:30  
BUREAU OF THE TOLMT  
FOREIGN OFFICE

2-108-01-15117

**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

Energy, Minerals and Natural Resources Department

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 Morrow
Property Code	Property Name CREEK "AL" FEDERAL		Well Number 17
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION		Elevation 3635

### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	24	18S	30E		700	SOUTH	860	EAST	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 320	Joint or Infill	Consolidation Code	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

[illegible]

**MULTI-POINT SURFACE USE AND OPERATIONS PLAN**  
**YATES PETROLEUM CORPORATION**  
**Creek "AL" Federal #17**  
700' FSL and 860' FEL  
Section 24-T18S-R30E  
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 well site is located approximately 8 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 Artesia on Highway 82 to Highway 360. Turn Right on 360 and go to Duval Shaft Road (CR 251). Turn left on Duval Shaft Road and to Grubbs Rd (CR 250). Turn right on Grubbs Rd. and go approx. 4.8 miles. Turn north here and go approx. 0.7 of a mile. Turn left and go 0.7 of a mile to the Creek AL Battery on the right. On the west side of the Creek Battery follow road to the north for approx. 0.3 of a mile to the Creek AL Fee #2 well. The Creek AL Federal #17 well location will be located 300 feet to the west.

2. PLANNED ACCESS ROAD:

- A. The proposed new access will go west for approximately 300' to the Southeast corner of the drilling pad. The road will lie in a east to west 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. Some traffic turnouts will 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 no drilling activity within a one-mile radius of the well site.
- B. Exhibit D shows existing wells within a one-mile radius of the proposed well site.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

- A. There are no 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.

**YATES PETROLEUM CORPORATION**  
**Creek "AL" Federal #17**  
700' FSL and 860' FEL  
Section 24-T18S-R30E  
Eddy County, New Mexico

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

Rustler	485'	Dolomite	8200'
Tansill	1800'	Wolfcamp	9500'
Yates	1910'	Strawn	10,750'
Seven Rivers	2350'	Atoka	11,075'
Queen	3075'	Morrow	11,450'
Grayburg	3560'	Chester	12,120'
Delaware	4600'	TD	12,200'
Bone Spring	5820'		

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

Water: 250'-350'  
Oil or Gas: All potential zones.

3. Pressure Control Equipment: BOPE will be installed on the 9 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	0-700'	700'
12 1/4"	9 5/8"	36#	J-55	ST&C	0-4000'	4000'
8 3/4"	7"	29#	P-110	LT&C	0-100'	100'
8 3/4"	7"	26#	L-80	LT&C	100'-8600'	8500'
8 3/4"	7"	26#	HCP-110	LT&C	8600'-11000'	2400'
8 3/4"	7"	29#	P-110	LT&C	11000'-12200'	1200'

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

## Creek "AL" Federal #17

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### B. CEMENTING PROGRAM:

Surface casing: 400 sx Lite(Yld 2 Wt. 12.5) Tail in w/250 sx Class "C" + 2% CaCL2 (YLD 1.32 WT 14.8).

Intermediate Casing: Lead w/1100 sx Lite (Yld 2 Wt 12.5). Tail in w/250 sx Class "C" + 2% CACL2 (Yld 1.32 Wt. 14.8).

Production Casing: TOC-3500'; 600 sx Lite (Yld 2 Wt. 12.5). Tail in w/500 sx Super "C" (Yld 1.62 Wt. 1.32).

### 5. MUD PROGRAM AND AUXILIARY EQUIPMENT:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-700'	FW Gel/Paper	8.6-9.0	32-36	N/C
700'-4000'	Brine	10.0-10.2	28	N/C
4000'-11000'	Cut Brine	8.8-9.5	28	N/C
11000-12200'	SGEL/Starch/Drispac/KCL	9.5-10.0	32-40	<10 cc

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: 30' samples to 5000'. 10' samples to 5000' to TD.

Logging: Platform HALS.

Coring: Sidewall cores as warranted.

DST's: As warranted.

### 7. ABNORMAL CONDITIONS, BOTTOM HOLE PRESSURE, AND POTENTIAL HAZARDS:

Anticipated BHP:

From: 0	TO: 700'	Anticipated Max. BHP: 300 PSI
From: 700'	TO: 4000'	Anticipated Max. BHP: 1700 PSI
From: 4000'	TO: TD	Anticipated Max. BHP: 6100 PSI

No abnormal pressures or temperatures are anticipated.

Lost Circulation Zones Anticipated: None

H2S Zones Anticipated: None Anticipated

### 8. ANTICIPATED STARTING DATE:

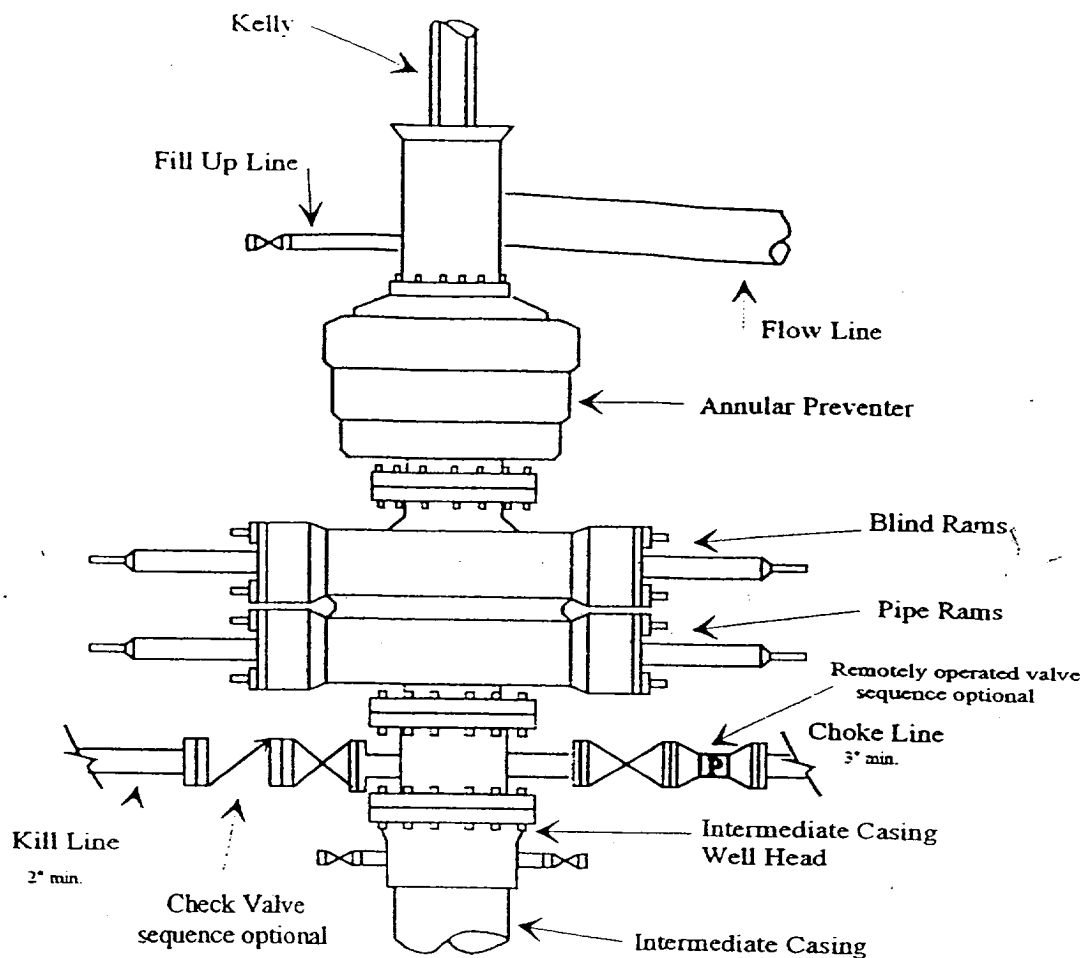
Plans are to drill this well as soon as possible after receiving approval. It should take approximately 30 days to drill the well with completion taking another 15 days.



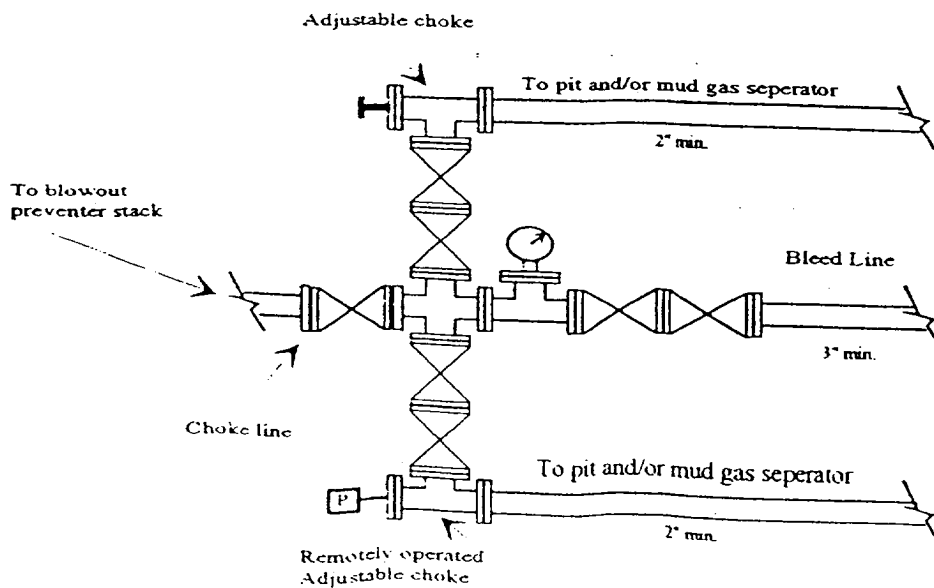
# Yates Petroleum Corporation

BOP-4

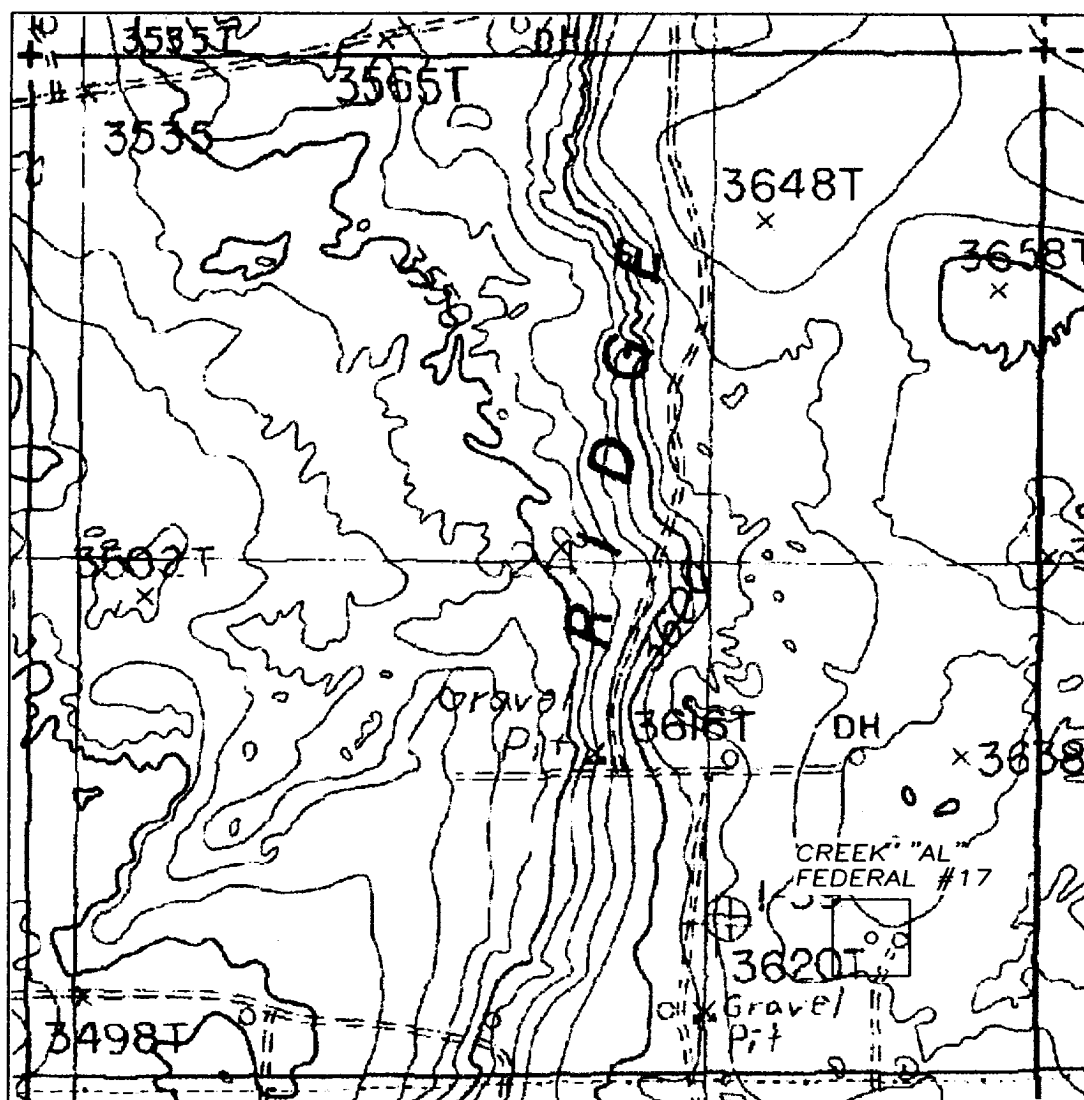
## Typical 5,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



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



SECTION 24, TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM, EDL. COUNTY, NEW MEXICO.



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

THE PREPARATION OF THIS PLAT AND THE PERFORMANCE OF THE SURVEY UPON WHICH IT 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.

*Herschel L. Jones*  
HERSCHEL L. JONES R.L.S. No. 3640

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

YATES PETROLEUM CORP.

LEASE ROAD TO ACCESS THE YATES CREEK "AL"  
FEDERAL #17, LOCATED IN SECTION 24,  
TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM,  
EDDY COUNTY, NEW MEXICO.

Survey Date: 4/11/2002	Sheet 1 of 1 Sheets
Drawn By: Ed Blevins	W.O. Number
Date: 4/12/02	Scale 1" = 1000' CREEK



