

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

dsf

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

Oil Cons.
N.M. DIV-DIST 2
1301 W. Grand Avenue
Artesia, NM 88210
NM-0557142

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. Ross EG Fed Com 13
2. Name of Operator Yates Petroleum Corporation		9. API Well No. 30-015-28128
3a. Address 105 S. 4th Street - Artesia, NM 88210	3b. Phone No. (include area code) 505-748-1471	10. Field and Pool, or Exploratory Area Dagger Draw Upper Penn, North
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FSL and 660' FEL Section 20-T19S-R25E		11. County or Parish, State Eddy County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input checked="" type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" 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>Squeeze casing perms</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (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 operations 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.)

2/19/01 - MIRU pulling unit.

2/22/01 - Set cement retainer at 7600'.

2/23/01 - Cement squeeze casing perms 7654-7806' with 1200 sxs as follows: 50 bbls 5% CaCl₂, 5 bbls water spacer, 34 bbls Floguard, 5 bbls water spacer, 250 sxs Premium Plus neat cement (14.8pps) pumped in 3 stages. Pumped final stage of 450 sxs Premium Plus neat. Squeezed to 2000#.

2/26-2/27/01 - Drill retainer and cement to 7789'. Test casing, injector rate 4 BMP at 500#.

2/28/01 - Set cement retainer at 7600'.

3/1/01 - Cement squeeze perms 7654-7806' with 250 sxs H neat, tailed in with 200 sxs H neat. Squeezed with 145 sxs in formation at 300#.

3/3-3/5/01 - Tag retainer at 7600'. Drill out retainer and cement to 7784', fell out. Test casing to 1000#, bled off in 3 mins.

3/6/01 - Set retainer at 7589'. Squeeze perms with 100 sxs Thixotropic and 100 sxs H neat. Squeeze to 1500 psi.

3/8/01 - Tagged retainer at 7589'. Drill out retainer and cement. Fell out at 7650'. Tagged PBTB at 8231'.

3/9/01 - RD and move out.

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Susan Herpin

Signature

Susan Herpin

Title

Engineering Technician

Date

Feb 11, 2002

LES BIVAK
PETROLEUM ENGINEER

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

RECEIVED
2002 FEB 14 AM 8:50
BUREAU OF LA. HIGHWAY
ROSWELL OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division

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

C/SK

SUNDRY NOTICES AND REPORTS ON WELLS

811 S. 1st Street

Artesia, NM 88210-2834

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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)

1980' FSL and 660' FEL

Section 20, T19S-R25E

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

8. Well Name and No.

Ross EG Federal Com. #13

9. API Well No.

30-015-28128

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 Deepen
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Producing Well
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 recompletion 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.)

Please see attached Drilling Prognosis.

Well Completion Or Recompletion Report
And Log (Form 3160-4) Required After All
Recompletion Work Has Been Completed.

Thank you.



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

Name (Printed/Typed)

Cy Cowan

Title

Regulatory Agent

Signature

Date

October 9, 2000

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

ORIO BGC AND F. GLASS

Title

PETROLEUM ENGINEER

Date

OCT 12 2000

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

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)

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name Wildcat Morrow
Property Code	Property Name Ross EG Federal Com.		Well Number 13
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION		Elevation 3511'

¹⁰ Surface Location

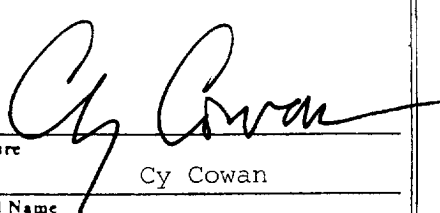
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	20	19S	25E		1980'	South	660'	East	Eddy

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.
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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

16				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature Cy Cowan Printed Name Regulatory Agent Title October 4, 2000 Date
	NM-055 7142		660'	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 Surveyer REFER TO ORIGINAL PLAT Certificate Number
	FEE		FE 1980' FE	

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-1
Revised February 10, 19
Instructions on ba
Submit to Appropriate District Off
State Lease - 4 Cop
Fee Lease - 3 Cop

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
4 Property Code		5 Property Name			6 Well Number
		ROSS EG FEDERAL COM			13
7 OGRID No.		8 Operator Name			9 Elevation
		YATES PETROLEUM CORPORATION			3511.

10 Surface Location

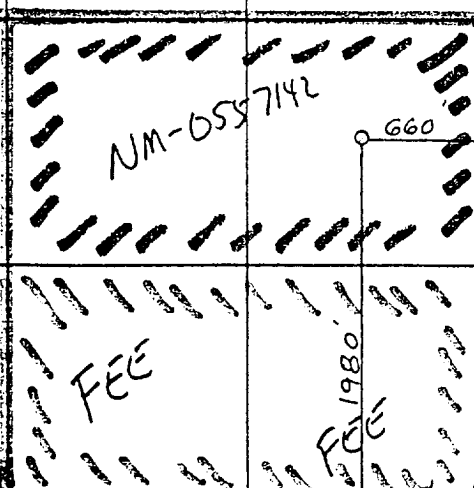
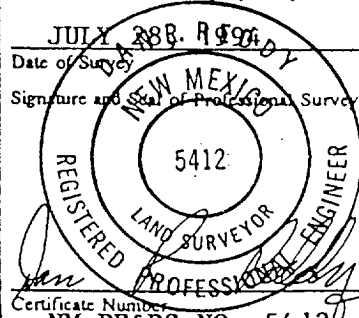
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	20	19S	25E		1980	SOUTH	660	EAST	EDDY

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	13 Joint or Infill	14 Consolidation Code	15 Order No.
160			

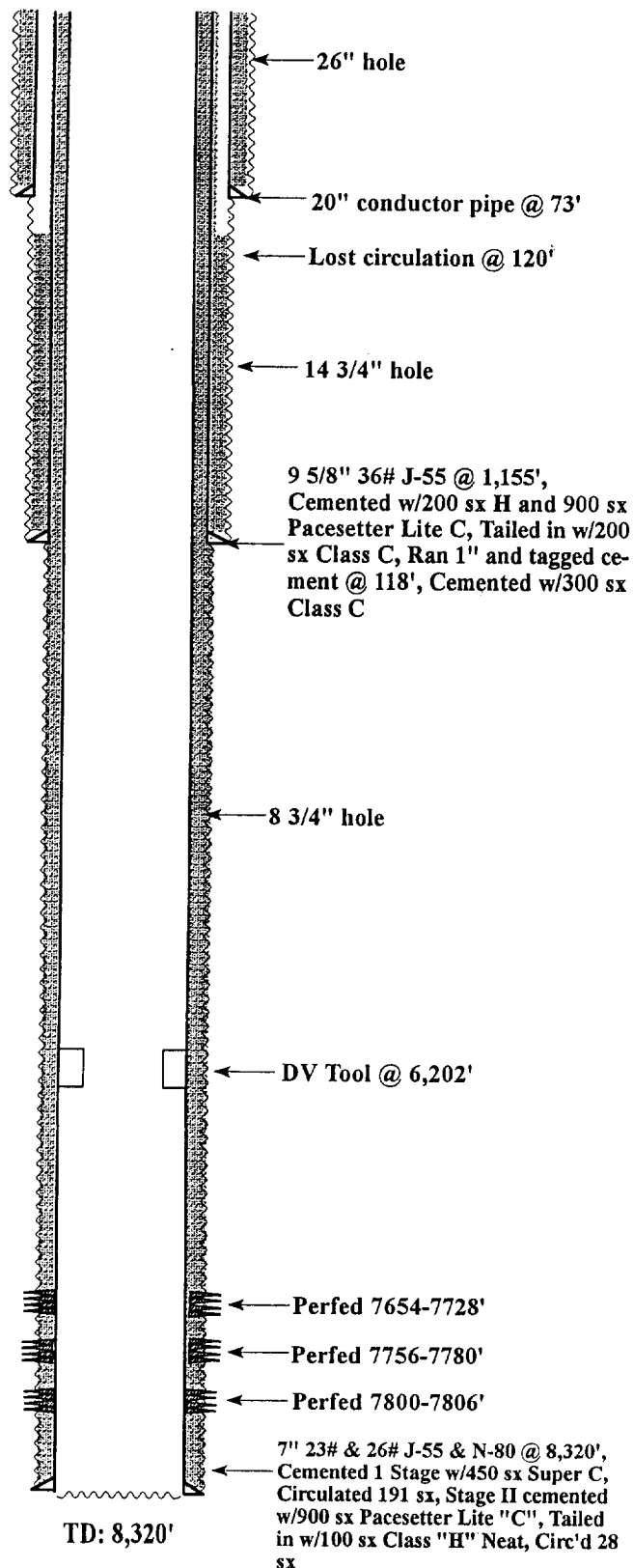
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <u>Ken Beardemphl</u> Printed Name <u>Ken Beardemphl</u> Title <u>Landman</u> Date <u>August 2, 1994</u>	
				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. JULY 28 1994 Date of Survey Signature and Seal of Professional Surveyor: 	

YATES PI OLEUM CORPORATION

Koss EG Federal #13

Section 20 T19S-R25E, 1,980' S & 660' E



Comments

4/95

TIH w/bit, stabilizer, drill collars and 2 7/8" tubing to DV tool at 6202'. Rigged up power swivel and drilled out DV tool. Tested casing to 2000 psi. TIH w/2 7/8" tubing to 8278'. TOH w/2 7/8" tubing. Lay down drill collars, stabilizer and bit. TIH w/bit, scraper and 2 7/8" tubing to 6250'. TOH w/2 7/8" tubing, scraper and bit. TOH w/tubing. Rigged up wireline. Logged GR/CCL 8278-6100'. TOH. TIH w/4" casing gun. Perfed 7800-06' (8 holes), 7756-80' (12 holes), 7654-7728' (29 holes). TOH w/guns. TIH w/packer and RBP. Straddled 7800-06'. Spot 3 bbls of acid. Breakdown perfs at 3650#. Communicated up. Released packer and moved up. Straddled 7756-7806'. Acidized w/3000 gals 20% NEFE. Communicated up. Moved tool. Straddled 7756-7780'. Acidized w/3000 gals 20% NEFE. Moved tools. Straddled 7654-28'. Acidized w/25000 gals 20% gelled acid. Swabbed. Released packer and RBP. TOH w/tools. TIH w/1750 sub pump. Turned well over to production.

CASING

7" 26# N-80	705.60'
7" 26# J-55	403.22'
7" 26# J-55	2230.41'
7" 23# J-55	3753.87'
7" 26# J-55	1060.61'
7" 26# N-80	166.30'

YATES PETROLEUM CORPORATION
Ross EG Federal Com.#13 (Re-entry)
Deepening of a Producing Well
1980' FSL & 660' FEL
Section 20-T19S-R25E
Eddy County, New Mexico

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

Strawn	8260'
Atoka	8780'
Morrow Clastics	9090
Mississippian Lime	9380'
TD	9500'

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

Water:	275'
Oil or Gas:	9090'-9950'

3. Pressure Control Equipment: BOPE will be installed on the 9 5/8" casing and rated for 3000# 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>Thread</u>	<u>Interval</u>	<u>Length</u>
14 3/4"	9 5/8"	36#	J55	ST&C	0-1155'	1155' In Place.
8 3/4"	7"	23+26#	J55+N80	ST&C	0-8230'	8230' In Place.
6 1/8"	4 1/2" Liner	11.6#	N80	ST&C	7604'-9500'	1896'

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

- B. CEMENTING PROGRAM:
 Surface casing: 1400 sx (in place).
 Intermediate Casing: 1550 sx (in place).
 Production Liner: 200 sx.

5. Mud Program and Auxiliary Equipment:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0 -8320'	Cut Brine	9.0-9.2	30-34	N/A
8320'-9500'	SaltGel/Starch/ Drispac	9.2-9.8	30-38	<10-15

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 surface casing to TD.
Logging: CNL/LDT TD to casing w/GR-CNL to surface; DLL TD to CSG. W/min RXV.
Coring: None.
DST's: As warranted.

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

Anticipated BHP:

From: 0	To: 8320'	Anticipated Max. BHP:	500 PSI
From: 8320'	To: 9500'	Anticipated Max. BHP:	2400 PSI

Abnormal Pressures Anticipated: None

Lost Circulation zones anticipated: None

H2S Zones Anticipated: None

Maximum Bottom Hole Temperature: 178 F

8. ANTICIPATED STARTING DATE:

Plans are to re-enter this well as soon as possible after receiving approval. It should take approximately 10 days to re-enter this well with completion taking another 20 days.