

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil Cor. Division
811 S. 1st Street
Artesia, NM 88210-2834

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

C/S R

SUNDRY NOTICES AND REPORTS ON WELLS
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)
1900' FSL and 850' FWL
Section 35, T20S-R24E

Lease Serial No.

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Preston Federal #1

9. API Well No.

30-015-20349

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 recomplete 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 6, 2000

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

(ORIG. SGD.) DAVID 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

1 API Number		2 Pool Code		3 Pool Name Wildcat Morrow	
4 Property Code		5 Property Name Preston Federal			6 Well Number 1
7 OGRID No. 025575		8 Operator Name YATES PETROLEUM CORPORATION			9 Elevation 3683'

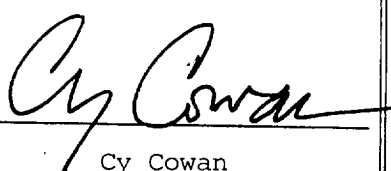
10 Surface Location

UL or lot no. L	Section 35	Township 20S	Range 24E	Lot Idn	Feet from the 1900'	North/South line South	Feet from the 850'	East/West line West	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  Signature Cy Cowan Printed Name Regulatory Agent Title October 6, 2000 Date	
850'				NM - 045276	
1900'				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	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

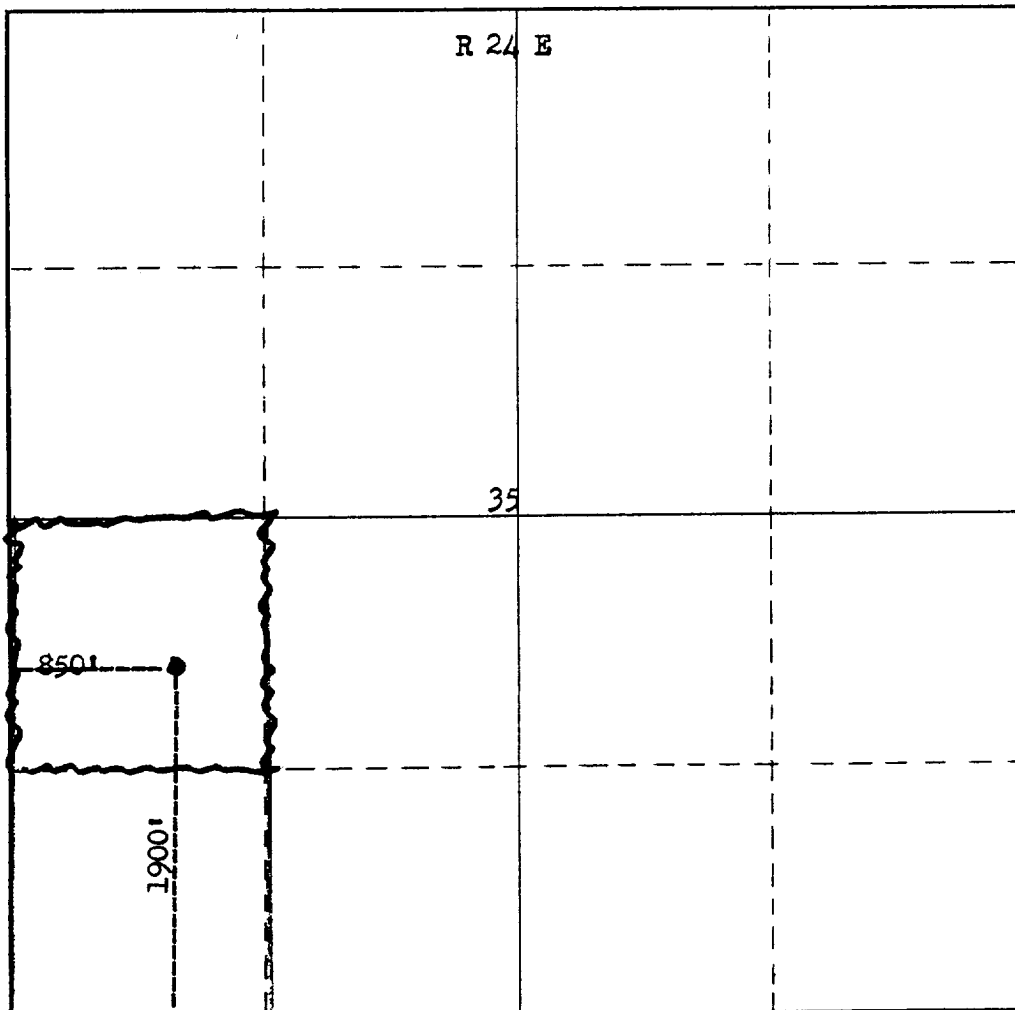
Operator Roger Hanks			Lease Preston - Federal		Well No. 1
Unit Letter L	Section 35	Township 20S	Range 24 E	County EDDY	
Actual Footage Location of Well: 1900 feet from the South line and 850 feet from the West line					
Ground Level Elev: 3683'	Producing Formation Cisco	Pool Undesignated		Dedicated Acreage: 70 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name

Position

Operator

Company

Roger C. Hanks

Date

November 17, 1970

RECEIVED

I hereby certify that the well location shown on this plat was plotted from field notes of actual survey or from a true and correct copy of the same, and I am a duly qualified and licensed Surveyor of the State of New Mexico.

Date Surveyed

October 23 1970

Registered Professional Engineer and/or Land Surveyor

Certificate No.

542

YATES PETROLEUM CORPORATION
Preston Federal #1 (Re-entry)
Deepening of a Producing Well
1900' FSL & 850' FWL
Section 35-T20S-R24E
Eddy County, New Mexico

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

Strawn	8298'
Atoka	8728'
Morrow Clastics	9073
Mississippian Lime	9498'
TD	9600'

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

Water:	275'
Oil or Gas:	9073'-9600'

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>
12 3/4"	9 5/8"	32#	J55	ST&C	0-1702'	1702' In Place.
8 3/4"	7"	23+26#	J55+N80	ST&C	0-7870'	7870' In Place.
6 1/8"	4 1/2" Liner	11.6#	N80	ST&C	7870'-9600'	1730'

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

- B. CEMENTING PROGRAM:
 Surface casing: 600 sx (in place).
 Intermediate Casing: 400 sx (in place).
 Production Liner: 200 sx.

Preston Federal #1
Page 2

5. Mud Program and Auxiliary Equipment:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0 -7870'	Cut Brine	9.0-9.2	30-34	N/A
7870'-9600'	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: 7870' Anticipated Max. BHP: 500 PSI
From: 7870' To: 960

0' 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:

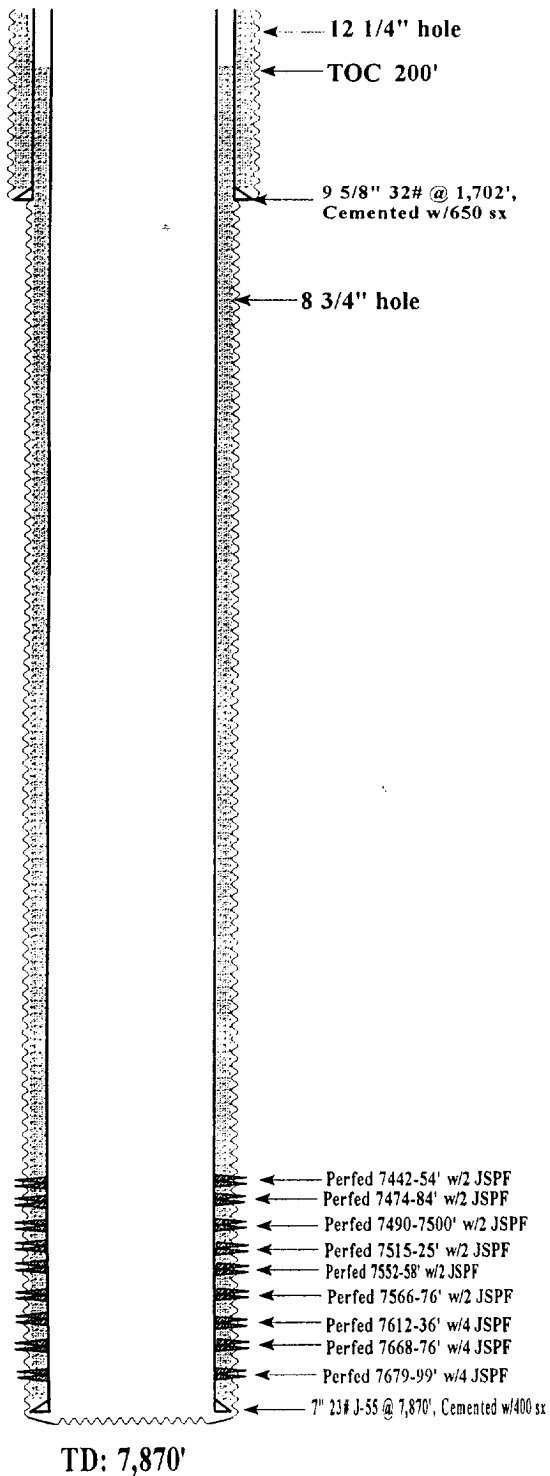
Plans are to re-enter this well as soon as possible after receiving approval. It should take approximately 10 days to re-enter this well with completion taking another 20 days.

YATES PETROLEUM CORPORATION

Houston Federal #1

Section 35 T20S-R24E, 1900' S & 850' W

Comments



4/71 & 5/71

Perfed 7442-54', 74-84', 90-7500', 15-25', 66-76' w/4 JSPF. Acidized w/ 2000 gals acid. Perfed 7612-36', 68-76', 79-99' w/4 JSPF. RIH w/RBP and RTTS packer on 2 3/8" tubing. Set RBP @ 7730'. Acidized w/2 bbls of acid on perfs @ 7700'. Set packer @ 7642'. Swabbed. 3rd run blew swab out of hole, flowing 1300 MCPPD. Unseated packer and started out of the hole w/power oil string. Found KOBE circ. valve cracked. Changed out pump and packer. RIH and set packer, hooked up wellhead, circulated and started pumping. Perfed 7552-58' w/4 JSPF. Acidized w/500 gals 15% acid. Turned well over to production.