

District I
1625 N French Dr, Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St. Francis Dr., Santa Fe, NM 87505

**NOTIFY OCD OF SPUD & TIME
TO WITNESS CEMENTING OF
SURFACE CASING**

Form C-101
May 27, 2004

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

OCD-ARTESIA

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210		² OGRID Number 025575
		³ API Number 30-005-63984
⁵ Property Code 12706	⁴ Property Name Sacra SA	⁶ Well No. 20
⁹ Proposed Pool 1 Cottonwood Ranch Penn (97128)		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	35	6S	25E		1980'	South	1980'	East	Chaves

⁸ Proposed 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

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3698'
¹⁶ Multiple No	¹⁷ Proposed Depth 5220'	¹⁸ Formation Granite Wash	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP
Depth to Groundwater 174'		Distance from nearest fresh water well 2800'		Distance from nearest surface water 800'
Pit: Liner. Synthetic XX 12_mils thick Clay <input type="checkbox"/> Pit Volume. _____ bbls Drilling Method:				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4	11 3/4	42	900'	550	Surface
11	8 5/8	24	1500'	250	Surface
7 7/8	5 1/2	15.5	5220'	500	TOC-3100***

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.
*8 5/8" will only be set if lost circulation is encountered. **Cement to cover all oil, gas, and water bearing zones.
Yates Petroleum Corporation proposes to drill and test the Granite Wash and intermediate formations. Approximately 900' of surface casing will be set and cement circulated to shut off gravel and cavings. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.
MUD PROGRAM: 0-900' FW/Gel/Paper/LCM; 900'-3600' Cut Brine/Brine; 3600'-5220' Starch/Salt Gel.
BOPE PROGRAM: a 2000# BOPE will be installed on the 11 3/4" casing and tested daily for operational..
Sources at Yates Petroleum Corporation have relayed information to me that they believe there will not be enough H2S found from the surface through the Granite Wash formation meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Signature: *Debbie L. Caffall*
Printed name: Debbie L. Caffall

Title: Regulatory Agent

E-mail Address: debbiec@ypcn.com

Date: 8/31/07

Phone: (505) 748-4376

OIL CONSERVATION DIVISION

Approved by:

**BRYAN G. ARRANT
DISTRICT II GEOLOGIST**

Title:

Approval Date:

SEP 04 2007

Expiration Date:

SEP 04 2008

Conditions of Approval Attached ☐

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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 97128	³ Pool Name Cotton Ranch Penn
⁴ Property Code 12706	⁵ Property Name Sacra SA		⁶ Well Number 20
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation		⁹ Elevation 3698

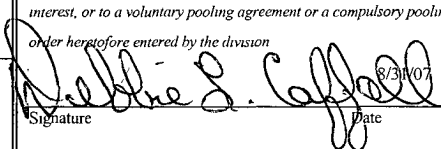
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	35	6S	25 E		1980	South	1980'	East	Chaves

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 S 1/2	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 8/31/07 Date Debbie L. Caffall, Regulatory Agent Printed Name
					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 II
611 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87506

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
			Cotton Ranch Penn
Property Code	Property Name		Well Number
	SACRA "SA"		20
OGRID No.	Operator Name		Elevation
025575	YATES PETROLEUM CORPORATION		3698

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	35	6S	25E		1980	SOUTH	1980	EAST	CHAVES

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 320.00	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]

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (505) 748-1471

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RANDY G. PATTERSON
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TREASURER

September 16, 2003

Mr. Bryan Arrant
Oil Conservation Division, District II Office
1301 W. Grand Ave.
Artesia, NM 88210

REVISED H2S LETTER

Re: Sacra SA Com. #18
990' FNL and 660' FEL
Section 27, T6S-R25E
Chaves County, New Mexico
H2S Contingency Plan

30-005-63428



Sources at Yates Petroleum Corporation have relayed information to me that they believe there will not be enough H2S anticipated from the surface to the Cotton Ranch Penn Formation to even meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118.

Thank you,

YATES PETROLEUM CORPORATION

Debbie L. Caffall
Debbie L. Caffall
Regulatory Technician