

MARTIN YATES, III
1912-1985

FRANK W. YATES
1936-1986



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

S.P. YATES
CHAIRMAN EMERITUS

JOHN A. YATES
CHAIRMAN OF THE BOARD

FRANK YATES, JR.
PRESIDENT

PEYTON YATES
DIRECTOR

JOHN A. YATES, JR.
DIRECTOR

30 015 23221

APR -3 2008
OCD-ARTESIA

April 2, 2008

Tim Gum
OIL CONSERVATION DIVISION
1301 West Grand
Artesia, NM 88210

Re: Humidor State Unit #2

Dear Mr. Gum:

Enclosed please find a copy of form C-108 (Application for Multiple Completion) on Yates Petroleum Corporation Humidor State Unit #2 of 26-24S-27E, Eddy County, New Mexico.

If you have any questions or need additional information, please call me at (505) 748-4361.

Sincerely,

Debbie Chavez
Engineering Technician

Enclosure(s)

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-107
Revised June 10, 2003

Filing Instructions
At Bottom of Page

APPLICATION FOR MULTIPLE COMPLETION

Yates Petroleum Corporation

105 South Fourth Street

Operator	Address
Humidor State Unit #2	Unit J - Section 26-24S-27E Eddy
Lease	Well No. Unit Ltr. - Sec - Twp - Rge County

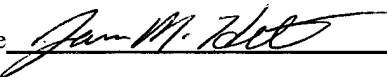
All applicants for multiple completion must complete Items 1 and 2 below.			
1. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Willow Lake West; Bone Springs Sulphate Draw; Delaware		Sulfate Draw; Wolfcamp
b. Top and Bottom of Pay Section (Perforations)	3,805-5,328 8,230-8,352'		10,374-11,020'
c. Type of production (Oil or Gas)	Oil		Gas
d. Method of Production (Flowing or Artificial Lift)	Artificial Lift		Flowing
e. Daily Production X Actual ☐ Estimated Oil Bbbls. Gas MCF Water Bbbls.	22 BOPD 54 MCFD 202 BWPD		135 MCFD

2. The following must be attached:
- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
 - Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
 - Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

OPERATOR:

I hereby certify above information is true and complete to best of my knowledge, and belief

Signature



Printed Name & Title Mike Hill, Operations Engineer

E-mail address: mhill@ypcnm.com

Date 3/25/08

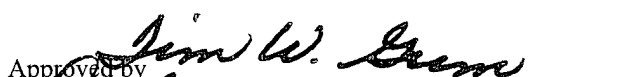
Telephone (575)748-4219

OIL CONSERVATION DIVISION

Approved by

Title

Date


District II Supervisor
4/2/08

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

FILING INSTRUCTIONS:

- 1) District Approval -- See rule 112-A-B -- Submit 4 copies of Form C-107 with attachments to appropriate district office.
- 2) Division Director Administrative Approval -- See Rule 112-C -- Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- 3) Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.

ATTACHMENT A

WELL NAME: Humidor State Unit No. 2

FIELD: Wildcat Morrow

LOCATION: 1,880' FSL & 1980' FEL Sec 26-24S-27E

Eddy County

GL: 3201'

ZERO:

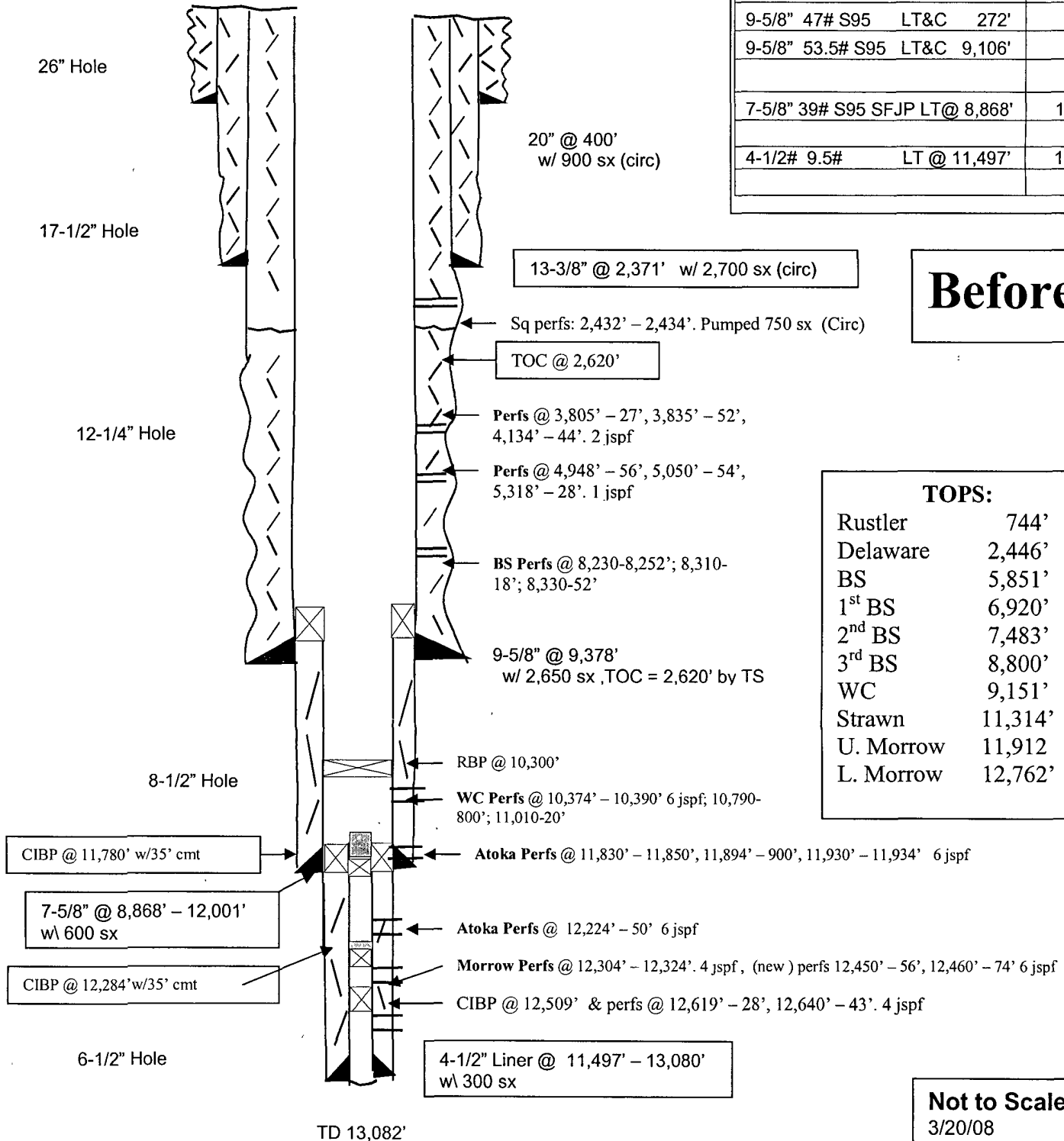
KB:

SPUD DATE: 04-18-80 COMPLETION DATE: 04-19-81

COMMENTS: API No. 30-015-23221

CASING PROGRAM

20" 94# J55 ST&C	400'
13-3/8" 54.5# K55 ST&C	1,771'
13-3/8" 61# K55 ST&C	600'
9-5/8" 47# S95 LT&C	272'
9-5/8" 53.5# S95 LT&C	9,106'
7-5/8" 39# S95 SFJP LT@ 8,868'	12,001'
4-1/2" 9.5# LT @ 11,497'	13,080'



Before

TOPS:

Rustler	744'
Delaware	2,446'
BS	5,851'
1 st BS	6,920'
2 nd BS	7,483'
3 rd BS	8,800'
WC	9,151'
Strawn	11,314'
U. Morrow	11,912'
L. Morrow	12,762'

Not to Scale

3/20/08

DC/Hill

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9-5/8" 53.5# S95 LT&C	9,106'
7-5/8" 39# S95 SFJP LT@ 8,868'	12,001'
4-1/2" 9.5# LT @ 11,497'	13,080'

26" Hole

17-1/2" Hole

TOC @ 2,620'

12-1/4" Hole

2-7/8" tubing @ 8,452'
w/SN @ 8,432 & 20' perf
sub

8-1/2" Hole

CIBP @ 11,780' w/35' cmt

7-5/8" @ 8,868' - 12,001'
w/ 600 sx

CIBP @ 12,284' w/35' cmt

6-1/2" Hole

TD 13,082'

20" @ 400'
w/ 900 sx (circ)

13-3/8" @ 2,371' w/ 2,700 sx (circ)

Sq perfs: 2,432' - 2,434'. Pumped 750 sx (Circ)

Perfs @ 3,805' - 27', 3,835' - 52', 4,134' - 44' (2)

Perfs @ 4,948' - 56', 5,050' - 54', 5,318' - 28'. (1)

BS Perfs @ 8,230-8,252'; 8,310-18'; 8,330-52'

9-5/8" @ 9,378'
w/ 2,650 sx ,TOC = 2,620' by TS

Packer with O/O Tool @ 10,300

WC Perfs @ 10,374' - 10,390' 6 jspf; 10,790-800'; 11,010-20'

Atoka Perfs @ 11,830' - 11,850', 11,894' - 900', 11,930' - 11,934' 6 jspf

Atoka Perfs @ 12,224' - 50' 6 jspf

Morrow Perfs @ 12,304' - 12,324'. 4 jspf, (new) perfs 12,450' - 56', 12,460' - 74' 6 jspf

CIBP @ 12,509' & perfs @ 12,619' - 28', 12,640' - 43'. 4 jspf

4-1/2" Liner @ 11,497' - 13,080'
w/ 300 sx

After

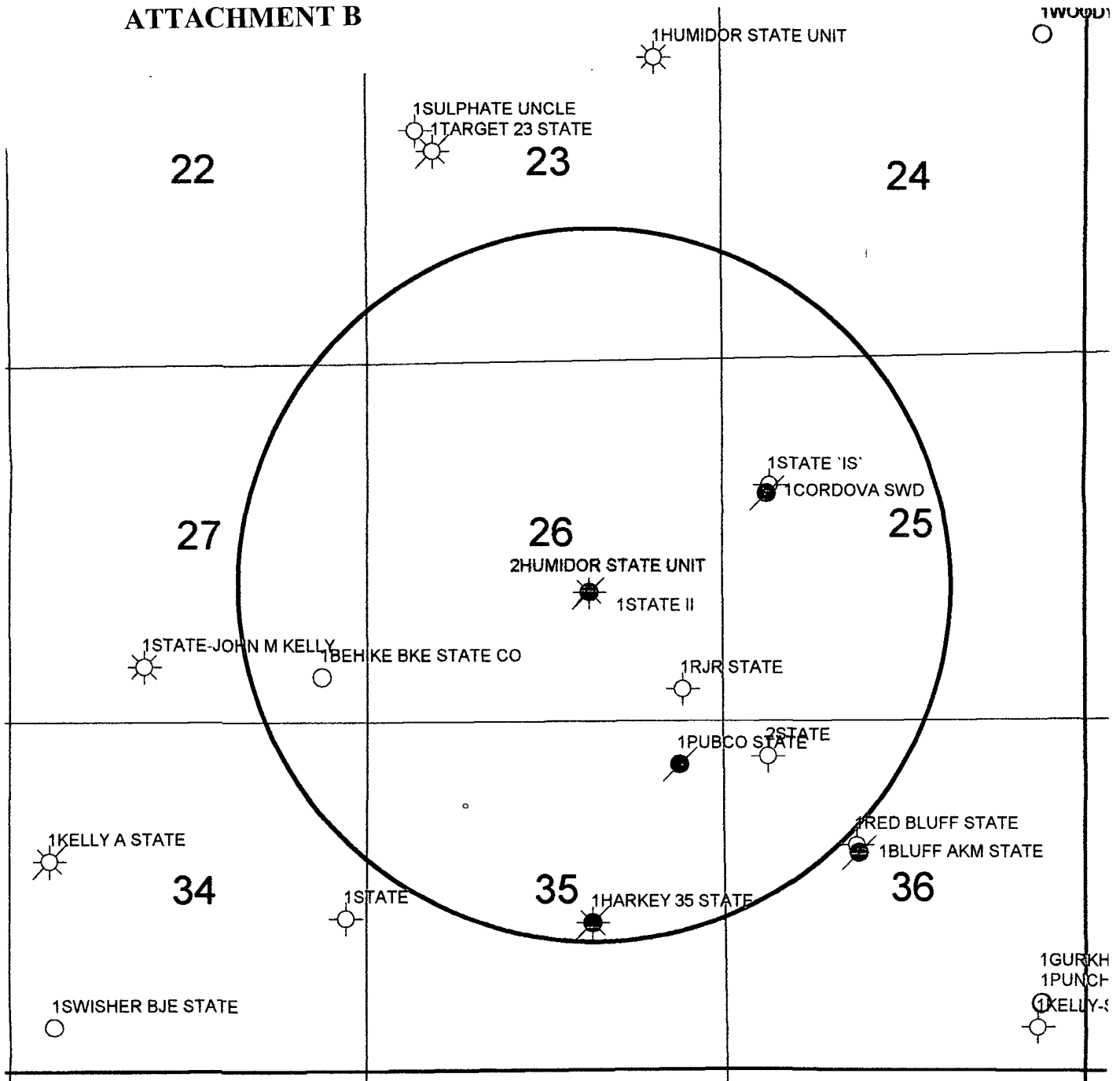
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3/20/08
DC/Hill

ATTACHMENT B



YATES PETROLEUM

Humidor State Unit #2

Author: Debbie Chavez	26-24S-27E	Date: 25 March, 2008
Mike Hill	ATTACHMENT B	

Offset Operators

Marbob Energy Corporation – NE 34
P. O. Box 227
Artesia, NM 88211-0227

Chesapeake Energy Corporation – NW 36
P. O. Box 18496
Oklahoma City, OK 73154-0496

Chevron USA – N2 35
11111 S. Wilcrest Dr.
Houston, TX 77099