

PO Box 1900, H0003, NM 88210-1900
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 & Natural Resources Department
C CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

OCD Exhibit: 2-A
Case No.: 13163
Date: 11-2-03

☐ AMENDED REPORT

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

| | | |
|--|--------------------------------------|----------------------------|
| Operator Name and Address. Saba Energy of Texas, Inc. 3000 Wilcrest, Suite 220 Houston, Texas 77042 | | OGRID Number 34703 |
| | | API Number 30-025-27564 |
| Property Code 18031 | Property Name San Simon "5" State | Well No. 1 |

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 |
|---------------|---------|-----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| E | 5 | 27S 22 | 35E | | 1980 | North | 660 | West | Lea |

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 |
|---------------------------------|---------|----------|-------|---------|-----------------|------------------|---------------|----------------|--------|
| Proposed Pool 1 Bone Springs | | | | | Proposed Pool 2 | | | | |

| | | | | |
|---------------------|----------------------------|---------------------------|----------------------|-----------------------------------|
| Work Type Code P | Well Type Code G | Cable/Rotary R | Lease Type Code S | Ground Level Elevation 3641 GR |
| Multiple No | Proposed Depth 6900' PB | Formation Bone Springs | Contractor | Spud Date 10-1-00 |

21 Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|--------------|--------------------|---------------|-----------------|---------------|
| 17-1/2" | 13-3/8" | 48# | 1100' | 1350 | Circ. |
| 12-1/4" | 9-5/8" | 40# & 36# | 5636' | 3200 | Circ. |
| 8-3/4" | 7" | 23# | 10875' | 750 | |
| 6-1/8" | 4-1/2" Liner | 13/5# | 11528' | 475 | TOT: 10600' |

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.

See attached wellbore schematic. Well will be plugged back to + 6900' with a CIBP. Current zone is Atoke with perforations 11166 to 11264 and is depleted. The 6800' zone will be perforated from 6820' to 6838'. BOPs will be tested to 3000 psi high, 250 psi low.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

Plug-Back

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

Signature:

William E. Babyak

Printed name:

William E. Babyak

Title:

Production Manager

Date:

August 24, 2000

Phone:

713.266.7993

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

SAN SIMON 5 ST #1
Sec 5, T22S, R35E
Lea County, NM

Proposed

KB: 21.2'
GL: 3641'

13 3/8" 48# H-40 @ 1100'
cmtd w/1350 sx CI C to surf

9 5/8" 36# K-55 @ 5625'
cmtd w/3200 sx Lite & CI C to surf

2 3/8" 4.7# N-80 AB Mod to MWL SA @ 10599'
x-over to 2 3/8" 4.7# P-105 AB Mod to Baker SA @ 11528'

7" 23# S-95 @ 10942'
cmtd w/750 sx Lite & CI H

Perfor: 11128-265' (Wolfcamp)

Perfor: 12166-264' (Aboke) 12166-12178
12226-12264

Perfor: 12790-95' (Morrow)

Perfor: 12963-73'

4 1/2" 13.5# N-80 @ 13248' (top @ 10600') cmtd w/475 sx CI H

PBR @ 10600'

Baker DB pick @ 11528'

Sand fill to 12730' w/9' cmt cap.

JSB 12-12-94-

PBTD: 13121'

TD: 13250'

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
341 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 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 30 025 27564 | | Pool Code | Pool Name Wildcat (Atoka) |
| Property Code | Property Name San Simon "5" State | | Well Number 1 |
| OGRID No. 015025 | Operator Name Saba Energy of Texas, Inc. | | Elevation 3640.8' |

¹⁰ Surface Location

| | | | | | | | | | |
|--------------------|--------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot no. E | Section 5 | Township 22S | Range 35E | Lot Idn | Feet from the 1980 | North/South line North | Feet from the 660 | East/West line West | County Lea |
|--------------------|--------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|---------------|

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 1980' 660' LG-4135 | | | | | ¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> Signature W. E. Babyak Printed Name Production Manager Title Sept. 10, 2000 Date |
| | | | | | ¹⁸ SURVEYOR CERTIFICATION <i>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.</i> Date of Survey Signature and Seal of Professional Surveyor: Certificate Number |
| | | | | | |

Submit 3 Copies To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., 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-103

Revised March 25, 1999

WELL API NO.
30-025-27564

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

San Simon 5 St

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐ Gas Well ☒ Other ☐

2. Name of Operator Greka Energy

8. Well No.

1

3. Address of Operator Greka Energy, Suite 220, Houston, Tx 77042

9. Pool name or Wildcat
San Simon Wolfcamp

4. Well Location

Unit Letter E 1980 feet from the N line and 660 feet from the W line

Section 5 Township 22S Range 35E NMPM County Lea

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3640.8 (GL)

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See attached well bore schematic.

Pump 25sx cmt plug @ 7000' on top of existing GIBP. (6797' - 7000')

Pump 25sx cmt plug @ 9 5/8" csg shoe @ 5625'. (5422' - 5625') (5420' - 5625')

Cut 7" csg @ TOC, ~4800'. POH csg. Pump 25sx cmt plug @ stub. (4697' - 4800')

Pump 25sx cmt plug @ 1800' @ salt zone.

Pump 25sx cmt plug @ 13 3/8" csg shoe @ 1100'. (1050' - 1150')

Pump 13sx cmt plug @ surf. (0' - 60')

Cut off wellhead and install deadman marker.

OCD Exhibit: 2-B

Case No.: 13163

Date: 11-7-03

TO BE APPROVED.

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

SIGNATURE

TITLE

PROD. FOREMAN

DATE

2-12-02

Type or print name Tracy Headstream

Telephone No. (505) 390-7462

(This space for State use)

APPROVED BY

TITLE

PETROLEUM ENGINEER

DATE

FEB 12 2002

Conditions of approval, if any:

PLUGGING & ABANDONMENT WORKSHEET (3 STRING CSNG)

OPERATOR GREKA ENERGY

LEASENAME SAN SIMON 5 SP.

WELL # 1

SECT 5 TWN 22S RNG 35E

FROM 1980 N 5 L 60 EWL

TD: 13250 FORMATION @ TD

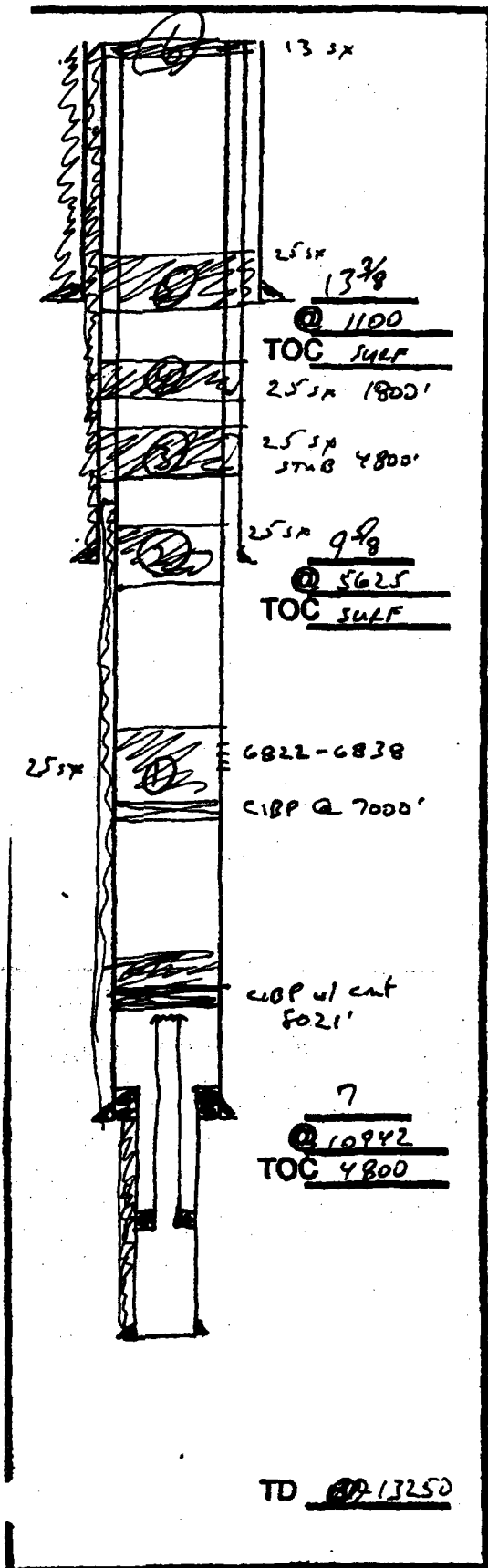
PBTD: 13121 FORMATION @ PBTD

| | SIZE | SET @ | TOC | TOC DETERMINED BY |
|--------------|--------|---------|--------------|-------------------|
| SURFACE | 13 3/8 | 1100 | SURF | CIRC |
| INTMED 1 | 9 5/8 | 5625 | SURF | CIRC |
| INTMED 2 | | | | |
| PROD | 7 | 10942 | 4800 | CALC. |
| | SIZE | TOP | BOT | TOC DETERMINED BY |
| LINER 1 | 4 1/2 | 10600 | 13248 | 10600 CALC |
| LINER 2 | | | | |
| CUT & PULL @ | | | TOP - BOTTOM | |
| INTMED 1 | | | PERFS | 6822 - 6838 |
| INTMED 2 | | | OVERHOLE | 0 - |
| PROD | 7 | @ 4800' | | |

REQUIRED PLUGS DISTRICT 1

| MUTLER (ANYTD) | |
|----------------|--|
| YATES | |
| QUEEN | |
| GRAYBURG | |
| HAN ANDERS | |
| CAPLAN BIRN | |
| DELAWARE | |
| BELL CANYON | |
| CHERRY CANYON | |
| BERRY CANYON | |
| SOME SPRING | |
| GEORGETA | |
| ELBERT | |
| TUB | |
| DEWEARD | |
| ABO | |
| WC | |
| FRON | |
| STRAWN | |
| ATOKA | |
| MORROW | |
| MIN | |
| DEVONIAN | |

| PLUG | TYPE | SACKS | DEPTH |
|----------|------------|---------|------------|
| PLUG | PLUG | CMT | |
| EXAMPLES | | | |
| PLUG 01 | OH | 25 SXS | 9850' |
| PLUG 02 | SHOE | 50 SXS | 8700-8800' |
| PLUG 03 | CHP/35' | | 5300' |
| PLUG 04 | CIRP | 25 SXS | 5300' |
| PLUG 04 | STUB | 50 SXS | 4600-4700' |
| PLUG 06 | REINER SIZ | 200 SXS | 400' |
| PLUG 07 | SURF | 10 SXS | 0-10' |
| PLUG 01 | CIRP | 25 SX | 6797-7000 |
| PLUG 02 | SHOE | 25 SX | 5420-5658 |
| PLUG 03 | SURF | 25 SX | 4697-4800 |
| PLUG 04 | SALT | 25 SX | 1800' |
| PLUG 05 | SHOE | 25 SX | 1050'-1150 |
| PLUG 06 | SURF | 13 SX | 0-60 |
| PLUG 07 | | | |
| PLUG 08 | | | |
| PLUG 09 | | | |
| PLUG 10 | | | |
| PLUG 11 | | | |
| PLUG 12 | | | |
| PLUG 13 | | | |
| PLUG 14 | | | |
| PLUG 15 | | | |
| PLUG 16 | | | |



CURRENTLY DRILLING + 15' OFF

SAN SIMON 5 ST #1
Sec 5, T22S, R35E
Lea County, NM

Proposed

KB: 21.2'
GL: 3641'

206 ft 2 3/8" J55 6791'
TAC
10 ft 2 3/8" J55 6792'
SN
4' PS 6823'
BP, 1

13 3/8" 48# H-40 @ 1100'
cmtd w/1350 sz CI C to surf

9 5/8" 36# K-55 @ 5625'
cmtd w/3200 sz Lite & CI C to surf

6822' - 6830' 45PF
6834' - 6838' 45PF

CIBP @ 7000'

CIBP @ 8021'
2 3/8" STUB 8025'

2 3/8" 4.7# N-80 AB Mod to MWL SA @ 10599'
x-over to 2 3/8" 4.7# P-105 AB Mod to Baker SA @ 11528'
20' cmt on top

7" 23# S-95 @ 10942'
cmtd w/750 sz Lite & CI H

Perfs: 11128-265' (Wolfcamp)

Perfs: 12166-264' (Atoka)

Perfs: 12790-95' (Morrow)
Perfs: 12963-73' 3 1/2"

4 1/2" 13.5# N-80 @ 13248' (top @ 10600') cmtd w/475 sz CI H

PBR @ 10600'

Baker DB pbr @ 11528'

12746
Sand fill to 12730' w/9' cmt cap

PSTD: 13121'
TD: 13250'

JSB 12-12-94