

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-101  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

|   |                            |                               |
|---|----------------------------|-------------------------------|
| Operator Name and Address:<br>Basin Operating Company<br>Suite 648, Petroleum Building<br>Roswell, NM 88201 |                            | OGRID Number<br>149035        |
| Property Code<br>17931  | Property Name<br>Kimo Sabe | API Number<br>30 - 0 25-23372 |
|   |                            | Well No.<br>1                 |

7 Surface Location

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| J             | 16      | T19S     | R33E  |         | 1980          | South            | 1980          | East           | Lea    |

8 Proposed Bottom Hole Location If Different From Surface

| UL or lot no.     | Section | Township | Range | Lot Ida | Feet from the   | North/South line | Feet from the | East/West line | County |
|-------------------|---------|----------|-------|---------|-----------------|------------------|---------------|----------------|--------|
| Tonto Bone Spring |         |          |       |         | Proposed Pool 2 |                  |               |                |        |

|                     |                         |                          |                      |                                    |
|---------------------|-------------------------|--------------------------|----------------------|------------------------------------|
| Work Type Code<br>E | Well Type Code<br>Q     | Cable/Rotary<br>Rotary   | Lease Type Code<br>P | Ground Level Elevation<br>3648' GR |
| Multiple<br>NO      | Proposed Depth<br>7400' | Formation<br>Bone Spring | Contractor<br>n/a    | Spud Date<br>11/1/95               |

\*\* Existing

21 Proposed Casing and Cement Program

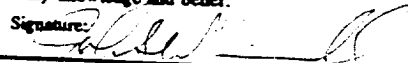
| Hole Size  | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|------------|-------------|--------------------|---------------|-----------------|---------------|
| ** 17 1/2" | 13 3/8"     | 48#                | 334'          | 275             | surface       |
| ** 11"     | 9 5/8"      | 36#                | 5103'         | 900             | 1200'         |
| ** 7 7/8"  | 5 1/2"      | 17#, 20#, 23#      | 14446'        | 1000            | 7400'         |
|            |             |                    |               |                 |               |
|            | 5 1/2"      | 17#                | 7400'         | 1475            | surface       |

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 well data sheet & wellbore diagram.

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

Re-Entry

|  |  |  |                  |
|--|--|--|------------------|
| I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br>Signature:  |  | OIL CONSERVATION DIVISION                                    |                  |
| Printed name:<br>John Worrall  |  | Approved by: ORIGINAL SIGNED BY JERRY SEXTON                 |                  |
| Title:<br>President  |  | Title:<br>DISTRICT I SUPERVISOR                              |                  |
| Date:<br>10/12/95  |  | Approval Date:<br>NOV 27 1995                                | Expiration Date: |
| Phone:<br>(505)622-5893  |  | Conditions of Approval:<br>Attached <input type="checkbox"/> |                  |

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |  |                    |                                 |
|----------------------------|--|--------------------|---------------------------------|
| API Number<br>30-025-23372 |  | Pool Code<br>59475 | Pool Name<br>Tonto Bone Springs |
| Property Code<br>17931     | Property Name<br>Kimo Sabe               |                    | Well Number<br>1                |
| OGRID No.<br>149035        | Operator Name<br>Basin Operating Company |                    | Elevation<br>3648' GR           |

10 Surface Location

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| J             | 16      | 19S      | 33E   |         | 1980          | South            | 1980          | East           | Lea    |

11 Bottom Hole Location If Different From Surface

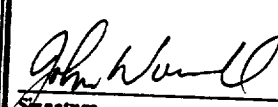
| UL or lot no.         | Section | Township        | Range              | Lot Ida   | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------------|---------|-----------------|--------------------|-----------|---------------|------------------|---------------|----------------|--------|
|                       |         |                 |                    |           |               |                  |               |                |        |
| Dedicated Acres<br>40 |         | 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

|    |  |  |  |  |  |  |  |  |  |
|----|--|--|--|--|--|--|--|--|--|
| 16 |  |  |  |  |  |  |  |  |  |
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17 OPERATOR CERTIFICATION

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

  
Signature  
John Worrall  
Printed Name  
President  
Title  
October 12, 1995  
Date

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:  
Certificate Number

BASIN OPERATING COMPANY  
Suite 648 Petroleum Building  
Roswell, New Mexico 88201  
Phone 505 - 622 - 5893  
Fax 505 - 622 - 6671

Re: Kimo Sabe #1 RE-ENTRY DATE 1995  
Sec: 16 T19S - R33E  
1980' FSL & 1980' FEL

Well Data: P & A 6/21/1973

13 3/8" Casing set @ 334' Cemented W/275 sks.  
9 5/8" Casing set @ 5103' Cemented W/900 sks.  
Shot off @ 1200' & pulled  
5 1/2" Casing set @ 14446' Cemented W/1000 sks.  
Shot off @ 7400' & pulled

Plug set @ TD 14446' 25 sks.  
Plug set in Top of 5 1/2" @ 7400' 35 sks.  
Plug set @ Bottom of 9 5/8" @ 5103' 50 sks.  
Plug Set @ Top of cut off 9 5/8" Csg. 50 sks.  
Plug set @ Bottom of 13 3/8" csg. @ 334' 50 sks.  
Plug set @ surface in 13 3/8" csg. 10 sks.

Install 13 3/8" Drilling Nipple  
Drill out 13 3/8" plugs  
Drill out Open Hole section to top of 9 5/8" Casing @ 1200'  
Drill out first plug inside of 9 5/8" Casing  
Dress off top ( inside & out) of 9 5/8" Casing Stub  
Run 9 5/8" Tie Back String & Cement to Surface  
Install 9 5/8" Starting Head, BOP's, Test BOP's  
Drill out Remainder of Plugs in 9 5/8" Casing  
Drill out plug to top of 5 1/2" csg. - Tag cut off - Condition Hole  
Run compensated neutron - litho density log from 7400' to 5103'  
Drill 35 Rotary sidewall cores in zones of interest  
If Cores & Logs have good shows - Set 5 1/2" 15.5# J55 Casing @ 7400'  
Cement 5 1/2" Casing to 100' inside 9 5/8" Intermediate Casing  
Selectively perforate zones of interest  
Acidize & frac Zones

KIMO SABA STATE #1  
SEC: 16 T19S - R33E  
LEA COUNTY, NEW MEXICO

### EXISTING WELLBORE DATA

13 3/8" 48# Casing set in 17 1/2" hole  
Cemented w/ 275 sks. Circ. to Surface  
50 sk. Plug in/out of 13 3/8" Csg.

50 sk. Plug in/out: 9 5/8" Casing  
Shot off 9 5/8' Intermediate @ 1200' & Pulled

Drill Plug in Bottom of 13 3/8"

Drill Pulg above & inside top of 9 5/8" Casing  
Dress of 9 5/8" Stub  
Tie Back 9 5/8" Casing to Surface  
Cement w/250 sks. "C" + 4% Gel + 2% CaCl<sub>2</sub>

200 sks. "C" 2%  $\text{CaCl}_2$  + 1/4# per sk. celloflake  
Circulate to Surface

Install 9 5/8" Starting Head, BOP's & Test BOP's

Drill out 9 5/8" Tie Back & remaining Plugs to 7400'

### Dress off Plug @ The Top of 5 1/2" Casing

9 5/8" 36# Casing Set @ 5103' - Cemented w/ 900 sks.

50 sk. Plug in/out of 9 5/8" Casing

Run Compensated Neutron - Litho Density log From  
7400' to 5103'

### Drill 35 Rotary Sidewall Cores in Zones of Interest

### Should Logs & Cores have good shows

Set 5 1/2" Casing from 7400" to Surface

Cement w/455 sks "C" + 4%gel + 2% CaCl<sub>2</sub> + 10% salt  
& 200 sks. "C" + 10% Salt

Cement to Tie Into 9 5/8" Casing - TOC @ 5000'  
Selectively Perf. Zones of Interest Acidize & Frac

35 sk. Plug set in/out of 5 1/2" Casing @ 7400'  
5 1/2" Casing shot off @ 7400' & Pulled