

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

Form C-101  
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

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

|                                                                                                                |  |                        |
|----------------------------------------------------------------------------------------------------------------|--|------------------------|
| Operator Name and Address<br>APPROACH OILRATING LLC<br>6300 RIDGEVIEW PLACE, SUITE 1107<br>Ft. WORTH, TX 76116 |  | OGRID Number<br>248743 |
| Property Code<br>37136                                                                                         |  | API Number<br>30-039   |
| Property Name<br>AVELLA SULTEMEIER                                                                             |  | Well No.<br>2          |
| Proposed Pool 1<br>WC2844 20 MANCOS                                                                            |  | Proposed Pool 2        |

Surface Location

| UT or lot no.<br>P | Section<br>20 | Township<br>28 N | Range<br>4 E | Lot Idn | Feet from str.<br>1200 | North/South line<br>SOUTH | Feet from str.<br>200 | East/West line<br>EAST | County<br>RIO ARriba |
|--------------------|---------------|------------------|--------------|---------|------------------------|---------------------------|-----------------------|------------------------|----------------------|
|--------------------|---------------|------------------|--------------|---------|------------------------|---------------------------|-----------------------|------------------------|----------------------|

Proposed Bottom Hole Location if Different From Surface

| UT or lot no. | Section | Township | Range | Lot Idn | Feet from str. | North/South line | Feet from str. | East/West line | County |
|---------------|---------|----------|-------|---------|----------------|------------------|----------------|----------------|--------|
|---------------|---------|----------|-------|---------|----------------|------------------|----------------|----------------|--------|

Additional Well Information

|                                                                           |                        |                                                                                                                                                                                                                 |                           |                                            |
|---------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------------|
| Well Type Code<br>N                                                       | Well Type Code<br>N    | Cable/Rotary<br>ROTARY                                                                                                                                                                                          | Test Type Code<br>P       | Ground Level Elevation<br>7773             |
| Multiple<br>N                                                             | Proposed Depth<br>6000 | Formation<br>PRIC AMIRIAN                                                                                                                                                                                       | Connector<br>PATITRONAUTI | Spud Date<br>UPON APPROVAL                 |
| Depth to Groundwater<br>>100'                                             |                        | Distance from nearest fresh water well<br>>1000'                                                                                                                                                                |                           | Distance from nearest surface water<br>30' |
| Liner Synthetic<br>Closed-loop System <input checked="" type="checkbox"/> |                        | Drilling Method<br>Lubric Water <input checked="" type="checkbox"/> <input type="checkbox"/> Dry <input type="checkbox"/> Diesel Oil-based <input type="checkbox"/> Gas/Air <input checked="" type="checkbox"/> |                           |                                            |

Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 12-1/4"   | 9-5/8"      | 32.3               | 350'          | 210             | SURFACE       |
| 8-3/4"    | 4-1/2"      | 10.5               | 6,000'        | 1,500           | 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.  
3,000# BOP system

RCUD APR 23 '08  
OIL CONS. DIV.  
DIST. 3

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 will be constructed according to NMOC D guidelines ☒ a general permit ☐ or an (attached) alternate NMOC D-approved plan ☐  
Signature *Brian Wood*

Printed name: BRIAN WOOD  
Title: CONSULTANT  
E-mail Address: brian@permitswest.com  
Date: 4-21-08

Phone: (505) 466-8120

OIL CONSERVATION DIVISION

Approved by

Title

Approval Date

Expiration Date

Conditions of Approval Attached ☒ Closed-loop System

Land Grant

Spacing  
40 acres

RAC 6