

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-101  
August 1, 2011  
Permit 248431

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

|                                                                                          |  |                               |
|------------------------------------------------------------------------------------------|--|-------------------------------|
| 1. Operator Name and Address<br>CAZA OPERATING, LLC<br>200 N LORAIN<br>MIDLAND, TX 79701 |  | 2. OGRID Number<br>249099     |
| 4. Property Code<br>313780                                                               |  | 3. API Number<br>30-025-44457 |
| 5. Property Name<br>IGLOO 19 STATE                                                       |  | 6. Well No.<br>010H           |

**7. Surface Location**

|               |               |                 |              |              |                  |               |                   |               |               |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|-------------------|---------------|---------------|
| UL - Lot<br>O | Section<br>19 | Township<br>20S | Range<br>35E | Lot Idn<br>O | Feet From<br>200 | N/S Line<br>S | Feet From<br>1925 | E/W Line<br>E | County<br>Lea |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|-------------------|---------------|---------------|

**8. Proposed Bottom Hole Location**

|               |               |                 |              |              |                  |               |                   |               |               |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|-------------------|---------------|---------------|
| UL - Lot<br>B | Section<br>19 | Township<br>20S | Range<br>35E | Lot Idn<br>B | Feet From<br>330 | N/S Line<br>N | Feet From<br>2280 | E/W Line<br>E | County<br>Lea |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|-------------------|---------------|---------------|

**9. Pool Information**

|                        |       |
|------------------------|-------|
| LEA;BONE SPRING, SOUTH | 37580 |
|------------------------|-------|

**Additional Well Information**

|                           |                             |                                        |                         |                                    |
|---------------------------|-----------------------------|----------------------------------------|-------------------------|------------------------------------|
| 11. Work Type<br>New Well | 12. Well Type<br>OIL        | 13. Cable/Rotary                       | 14. Lease Type<br>State | 15. Ground Level Elevation<br>3696 |
| 16. Multiple<br>N         | 17. Proposed Depth<br>14480 | 18. Formation<br>1st Bone Spring Sand  | 19. Contractor          | 20. Spud Date<br>3/6/2018          |
| Depth to Ground water     |                             | Distance from nearest fresh water well |                         | Distance to nearest surface water  |

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

| Type | Hole Size | Casing Size | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 17.5      | 13.375      | 54.5             | 1935          | 1300            | 0             |
| Int1 | 12.25     | 9.625       | 40               | 3900          | 1300            | 0             |
| Int1 | 12.25     | 9.625       | 40               | 5628          | 750             | 3900          |
| Prod | 8.75      | 5.5         | 17               | 14480         | 3600            | 0             |

**Casing/Cement Program: Additional Comments**

|  |
|--|
|  |
|--|

**22. Proposed Blowout Prevention Program**

| Type       | Working Pressure | Test Pressure | Manufacturer |
|------------|------------------|---------------|--------------|
| Annular    | 5000             | 5000          | Schaffer     |
| Double Ram | 5000             | 5000          | Schaffer     |

|                                                                                                                                                                                                                                                                                                                      |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br>I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable.<br><br>Signature: | <b>OIL CONSERVATION DIVISION</b>                         |
| Printed Name: Electronically filed by Steve Morris                                                                                                                                                                                                                                                                   | Approved By: Paul Kautz                                  |
| Title:                                                                                                                                                                                                                                                                                                               | Title: Geologist                                         |
| Email Address: steve.morris@mojoenergy.com                                                                                                                                                                                                                                                                           | Approved Date: 2/14/2018      Expiration Date: 2/14/2020 |
| Date: 2/13/2018      Phone: 972-835-3315                                                                                                                                                                                                                                                                             | Conditions of Approval Attached                          |



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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form APD Comments

Permit 248431

**PERMIT COMMENTS**

|                                                                                                 |                        |                               |
|-------------------------------------------------------------------------------------------------|------------------------|-------------------------------|
| Operator Name and Address:<br>CAZA OPERATING, LLC [249099]<br>200 N LORAIN<br>MIDLAND, TX 79701 |                        | API Number:<br>30-025-44457   |
|                                                                                                 |                        | Well:<br>IGLOO 19 STATE #010H |
| Created By                                                                                      | Comment                | Comment Date                  |
| plmartinez                                                                                      | GCP received 2/13/2018 | 2/13/2018                     |

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Form APD Conditions

Permit 248431

**PERMIT CONDITIONS OF APPROVAL**

|                                                                                                 |                               |
|-------------------------------------------------------------------------------------------------|-------------------------------|
| Operator Name and Address:<br>CAZA OPERATING, LLC [249099]<br>200 N LORAIN<br>MIDLAND, TX 79701 | API Number:<br>30-025-44457   |
|                                                                                                 | Well:<br>IGLOO 19 STATE #010H |

| OCD<br>Reviewer | Condition                                                                                                                                                                                                                                                                                                                                                             |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| pkautz          | Will require a directional survey with the C-104                                                                                                                                                                                                                                                                                                                      |
| pkautz          | 1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --                                                                                                                                                                                                                        |
| pkautz          | If cement does not circulate to surface, must run temperature survey or other log to determine top of cement                                                                                                                                                                                                                                                          |
| pkautz          | Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water                                                                                                                                                                                                                                                                  |
| pkautz          | 1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 45 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104                   |
| pkautz          | It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.                                                       |
| pkautz          | Stage Tool - 1) Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe. |