

Submit 1 Copy To Appropriate District Office

District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

~~HOBBBS~~ Minerals and Natural Resources

Form C-103

August 1, 2011

**FEB 04 2014**  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

**RECEIVED**

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br><b>30-025-01536</b>                                                                 |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.                                                                        |
| 7. Lease Name or Unit Agreement Name<br><b>Caprock Maljamar Unit</b>                                |
| 8. Well Number <b>096</b>                                                                           |
| 9. OGRID Number<br><b>269324</b>                                                                    |
| 10. Pool name or Wildcat<br><b>Maljamar; Grybg-San Andres</b>                                       |

|                                                                                                                                                                                                                |                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| 4. Well Location<br>Unit Letter <b>I</b> : <b>1650</b> feet from the <b>S</b> line and <b>990</b> feet from the <b>E</b> line<br>Section <b>28</b> Township <b>17S</b> Range <b>33E</b> NMPM County <b>Lea</b> | 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br><b>4190 KB</b> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|

12. 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 COMPL ☐  
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

**Proposed P&A Procedure**

1. MIRU plugging equipment. NU BOP
2. RIH w/ tbg and tag CIBP @ 4150'. Circulate hole w/ mud laden fluid. Spot 25 sx cement on top of CIBP.
3. 2660' Perf 5 1/2 @ ~~2560~~ and Sqz. 25 sx cement and displace to 2460. (Btm of Salt)
4. Perf 5 1/2 @ 1550 and Sqz. 45 sx cement and displace to 1450. WOC & Tag. (Top of Salt)
5. Perf 5 1/2 @ 400 and Sqz. 145 sx cement and circulate to surface.
6. Cut off wellhead and weld on Dry Hole Marker.

\*Use close loop system to circulate into

Spud Date:

Rig Release Date:

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

SIGNATURE Ben Montgomery TITLE Agent DATE 2-3-14

Type or print name Ben Montgomery E-mail address: benmontgomery@bmaandassociates.com PHONE: 432-586-7161  
For State Use Only

APPROVED BY: Malety Brown TITLE Compliance Officer DATE 2/7/2014  
Conditions of Approval (if any):

OIL CONSERVATION DIVISION - Hobbs office **Must Be Notified**  
**24 hours prior** to the beginning of Plugging Operations.

Form provided by Forms On-A-Disk - (214) 340-9429 - FormsOnADisk.com

**FEB 10 2014**

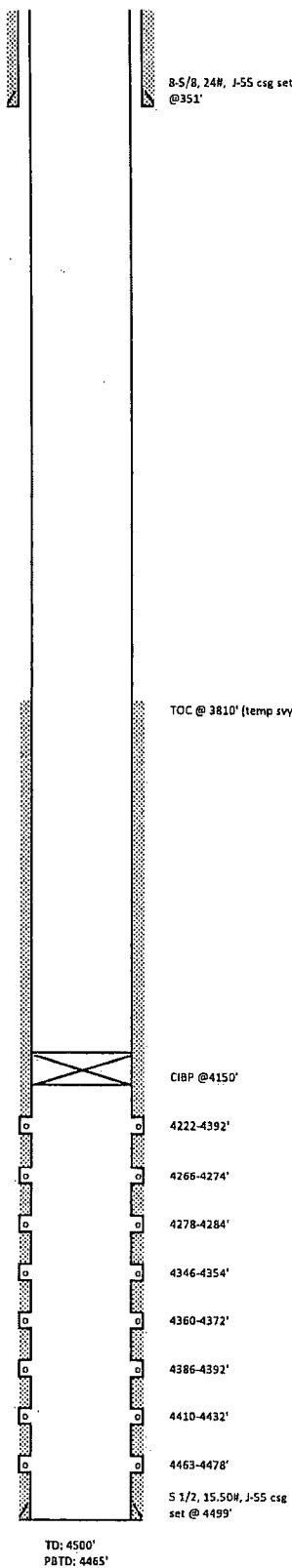
Well Name: CMU #96

|           |                                    |
|-----------|------------------------------------|
|           | Location:                          |
| Location: | 1650 FSL & 390 FEL                 |
| Section:  | I-2R-175-33E                       |
| Block:    |                                    |
| Survey:   |                                    |
| County:   | lea                                |
| Lat/Long: | 32.8028789175587 -103.662817073798 |
| Field:    | Majmajar Grayburg San Andres       |
|           | Elevations:                        |
| GL:       | 4191'                              |
| DF:       |                                    |
| RKB:      | 4190'                              |
| ck w/log? |                                    |

**Logging Requirements:**

[illegible]

Current  
Wellbore Diagram



|             |                      |
|-------------|----------------------|
| Well Name:  | CMU #96              |
| API No:     | 30-025-01536         |
| Spud Date:  | 12/24/1957           |
| WBD Update: | 1/2/2014 B. Williams |

|               |                           |
|---------------|---------------------------|
| Hole Size:    | 12 1/4                    |
| Surf Csg:     | 8-5/8, 24H, 1-55 ST&C csg |
| Cement Blend: | 175 sx                    |
| Depth:        | 351'                      |
| TOC:          | Circ to surf              |

Hole Size:  
Int Csg:  
  
Cement Blend:  
  
Returns:  
TOC:

### Details of Perforations

1/1958 - Perf'd 4222-32', 4265-74', 4278-84', 4346-54', 4360-72', 4389-92'  
11/1996 - Perf @ 4463', 64', 65', 76', 77', & 78'  
1/2000 - Perf'd 4410-4432' & 4463-4478'

### Acid/Fracture Treatment

1/1958 - Perfs 4222-4392' frac'd w/20,000 gal acid and w/10,000 sand  
7/1980 - Treated perfs 4346-4432' w/4500 gals acid, Treated perfs 4222-4284'  
w/3000 gal acid  
11/1996 - Treated perfs f/4463-78' (5 holes) w/1000 gals acid. Treated perfs  
f/4222-4432' & 4463-78' down 2-7/8" lbs w/750 gals, 4000 gals acid & 1500# rock  
salt

| Tubing Detail |                |
|---------------|----------------|
| Joints        | Description    |
| 132           | 2-3/8" IPC tbg |
| Pkr Depth     |                |
| The Depth     | 4150'          |

| Rod Detail (top to bottom) |             |
|----------------------------|-------------|
| Rods                       | Description |
|                            |             |
|                            |             |
|                            |             |
|                            |             |

Pumping Unit:

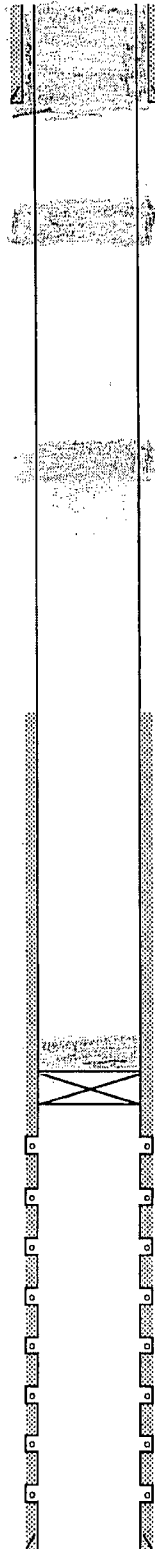
|                    |                            |
|--------------------|----------------------------|
| Hole Size:         | 7 7/8                      |
| <u>Prod Ckz:</u>   | 5 1/2, 15.50W, J-55        |
| Capacity (bbf/ft): |                            |
| Cement Blend:      | 150 sax + 350 Gal Coalment |
| Returns:           |                            |
| TQC:               | 3810' (per temp svy)       |
| Hole Size:         |                            |
| Depth              | 4499'                      |

|                    |                                    |
|--------------------|------------------------------------|
| Well Name: CMU #96 |                                    |
| Location:          |                                    |
| Location           | 1650 FSL & 990 FEL                 |
| Section:           | I-28-175-33E                       |
| Block:             |                                    |
| Survey:            |                                    |
| County:            | Lea                                |
| Lat/Long:          | 32.8028789175587 -103.662817073798 |
| Field:             | Maljamar Grayburg San Andres       |
| Elevations:        |                                    |
| GL:                | 4191'                              |
| DF:                |                                    |
| RKB:               | 4190'                              |
| ck w/log?          |                                    |

#### Logging Requirements:

| Date       | History                                                                                                                                                                                                                                                         |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12/24/1957 | Spud well. 12-1/4" hole. Ran 11 Jts 8-5/8", 24H, J-55 ST&C csg. Total - 349.36' set @ 350.86'. Cmt'd w/175 sx. Circ to surf.                                                                                                                                    |
| 1/6/1958   | TD 4500'. 7-7/8" hole. Ran 143 Jts of 5-1/2", 15.50H, J-55 ST&C csg. Total 4487.25'. Set @ 4499'. Cmt'd w/150 Sax Incon Neat and 350 gal cement. Ran temp svy. TOC @ 3810'                                                                                      |
| 6/30/1980  | RU Pulling unit. POOH w/tbg & rods. WIH w/bit and cleaned out to 4440'.                                                                                                                                                                                         |
| 7/1/1980   | Treated perfs 4346-4432' w/4500 gals acid                                                                                                                                                                                                                       |
| 7/2/1980   | Treated perfs 4222-4284' w/3000 gal acid                                                                                                                                                                                                                        |
| 7/3/1980   | Ran tbg & rods. Placed well back on pump                                                                                                                                                                                                                        |
| 11/14/1996 | Ran Gamma. Perf @ 4463', 64', 65', 76', 77', & 78'. GIH w/full bore pkr on 2-7/8" work string.                                                                                                                                                                  |
| 11/15/1996 | Treated perfs f/4463-78' (6 holes) w/1000 gals acid. Treated perfs f/4222-4432' & 4463-78' down 2-7/8" tbs w/750 gals, 4000 gals acid & 1500H rock salt                                                                                                         |
| 11/20/1996 | RIH w/J-Lok & 132 Jts IPC 2-3/8" tbg. Circ pkr. Set pk @ 4158'                                                                                                                                                                                                  |
| 2/12/1997  | NU WH. Initial injection rate 24 BWPD @ 2100H                                                                                                                                                                                                                   |
| 7/1/1999   | Shut in well                                                                                                                                                                                                                                                    |
| 10/4/2001  | Return well to Injection                                                                                                                                                                                                                                        |
| 11/12/2002 | MIRU. NO WH. RU BOP. Unset Baker 5-1/2" J-Lok pkr. POH w/2-3/8" IPC tbg. LD pkr. RIH w/5-1/2" CIBP on 2-3/8" tbg to 4150'. Set CIBP. Test CIBP to 500H. Circ 125 bbls pkr fluid. POH. LD 132 Jts 2-3/8" IPC tbg & setting tool. RD BOP. NU WH ROMO Well is TA'd |
| 10/21/2008 | MIT Test & Return to Active Injection                                                                                                                                                                                                                           |
| 1/20/2009  | MIT Test & TA                                                                                                                                                                                                                                                   |

#### Current Wellbore Diagram



8-5/8, 24H, J-55 csg set @ 351'

PES  
4150 - SURFACE  
1500 - 1440

PES 25 SX C 2500 - 2460

TOC @ 3810' (temp svy)

CIBP @ 4150'

4222-4392'

4266-4274'

4278-4284'

4346-4354'

4360-4372'

4386-4392'

4410-4432'

4463-4478'

5 1/2, 15.50H, J-55 csg set @ 4499'

TD: 4500'  
PBTD: 4465'

|                    |                           |
|--------------------|---------------------------|
| Well Name: CMU #96 |                           |
| API No:            | 30-025-01536              |
| Spud Date:         | 12/24/1957                |
| WBD Update:        | 1/2/2014 B. Williams      |
| Hole Size: 12 1/4  |                           |
| Surf Csg:          | 8-5/8, 24H, J-55 ST&C csg |
| Cement Blend:      | 175 sx                    |
| Depth:             | 351'                      |
| TOC:               | Circ to surf              |
| Hole Size:         |                           |
| Int Csg:           |                           |
| Cement Blend:      |                           |
| Returns:           |                           |
| TOC:               |                           |

#### Details of Perforations

1/1958 - Perf'd 4222-32', 4266-74', 4278-84', 4346-54', 4360-72', 4389-92'  
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11/1996 - Treated perfs f/4463-78' (6 holes) w/1000 gals acid. Treated perfs f/4222-4432' & 4463-78' down 2-7/8" tbs w/750 gals, 4000 gals acid & 1500H rock salt

| Tubing Detail |                |
|---------------|----------------|
| Joints        | Description    |
| 132           | 2-3/8" IPC tbg |
| Pkr Depth     | Tbg Depth      |
|               | 4150'          |

| Rod Detail (top to bottom) |             |
|----------------------------|-------------|
| Rods                       | Description |
|                            |             |
|                            |             |
|                            |             |
|                            |             |

#### Pumping Unit:

25 SX C 4150 - 3900

|                    |                          |
|--------------------|--------------------------|
| Hole Size:         | 7 7/8                    |
| Prod Csg:          | 5 1/2, 15.50H, J-55      |
| Capacity (bbl/ft): |                          |
| Cement Blend:      | 150 sax + 350 Gal Cement |
| Returns:           |                          |
| TOC:               | 3810' (per temp svy)     |
| Hole Size:         |                          |
| Depth:             | 4499'                    |