

Submit 3 Copies To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., 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

May 27, 2004

WELL API NO.

30-021-20604

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Libby Minerals LLC 1931

8. Well Number 8-3-J

9. OGRID Number

251905

10. Pool name or Wildcat

Bravo Dome 96010

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 CO2 Well

2. Name of Operator

Reliant Exploration & Production, LLC.

3. Address of Operator

10817 West County Road 60 Midland, TX 79707

4. Well Location

Unit Letter J : 1350 feet from the South line and 1331 feet from the East line

Section 8 Township 19 N Range 31 E NMPM County Harding

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

4449

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☒ P AND A ☐

CASING/CEMENT JOB ☒

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attachment

OIL CONS. DIV DIST. 3

JUN 4 2014

\* Did not comply with 19.15.16.10. I(i) pressure test

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Vance Vanderburg TITLE Manager DATE 5-7-14

Type or print name Vance Vanderburg

E-mail address: vance@reliantgases.com

Telephone No. 432-559-7085

For State Use Only

APPROVED BY: Deputy Oil & Gas Inspector DATE 6-18-14

Conditions of Approval (if any):

TITLE Deputy Oil & Gas Inspector  
District #3

**Libby Minerals LLC 1931 8-3-J**

**04/16/14**

(06:00)MIRU Reliant Rig #1. KB = 10' AGL.

**04/17/14**

Finish RU. Inspected rig, drill collars, and drill pipe.

**4/18/14 – 4/21/14**

Release Hands for Easter Holiday

**04/22/14**

Wire up new Pre-Mix pit. Change belts on #1 pump.

**04/23/14**

(08:30)Drill 12.25" surface hole from 0' to 150' / Average WOB 10/ 100 RTS / 335 gpm @ 1000 psi.

Lost circulation at 154'. Pumped LCM pill. No circulation. Pump 2<sup>nd</sup> LCM pill. No circulation. Continue drilling ahead without returns.

(14:00) Drill 12.25" surface hole from 150' to 235' / Average WOB 7/ 100 RTS / 290 gpm @ 700 psi. No returns.

Started getting returns back @ 235'.

(15:15)Drill 12.25" surface hole from 235' to 650' / Average WOB 10/ 100 RTS / 335 gpm @ 1000 psi.

Lost circulation at 650'. Pumped LCM pill. No circulation. Pump 2<sup>nd</sup> LCM pill. No circulation. Continue drilling ahead without returns.

(21:00) Drill 12.25" surface hole from 650' to 754' / Average WOB 10/ 100 RTS / 260 gpm @ 700 psi. No returns.

Pump 1<sup>st</sup> LCM Pill. Never received returns.

**04/24/14**

Pump 2<sup>nd</sup> LCM Pill. Never received returns.

(03:30) TOOH

(06:30) Ran 8.625, 24.0 lb/ft, J-55, ST&C, from 10' to 728'.

(11:30) Load CSG. No returns.

(11:30) MIRU O-Tex to pump surface cement job as follows:

Pressure tested lines to 1500 psi. Pumped 550 sks of Class C + 2% Calcium chloride cement at 14.8 ppg at 2 BPM and 0 psi. Dropped top plug and pumped 44 bbls displacement at 1 BPM and 0 psi. Bumped plug to 500 psi. Float held. Circulated 0 bbls to surface. Plug down at 13:30 hours on 04/24/2014. WOC

Wait on Renegade to run bond log.

#### **4/25/14**

(07:00) RIH with bond log. TOC @ 540'. RIH and shoot four holes at 536'-537'.

(08:00) MIRU O-Tex to pump surface cement job as follows:

Pressure tested lines to 1500 psi. Pumped 550 sks of Class C + 2% Calcium chloride cement at 14.8 ppg at 3.5 BPM and 10 psi. Pumped 33 bbls H2O displacement. Circulated 0 bbls to surface.

(14:45) Ran temp survey. TOC @ 225'.

(00:00) MIRU O-Tex to pump surface cement job as follows:

Pressure tested lines to 1500 psi. Pumped 400 sks of Class C + 2% Calcium chloride cement at 14.8 ppg at 2 BPM and 96 psi down backside. Circulated 0 bbls to surface.

#### **04/26/14**

(15:00) MIRU O-Tex to pump surface cement job as follows:

Pressure tested lines to 1500 psi. Pumped 140 sks of Class C + 2% Calcium chloride cement at 14.8 ppg at 1 BPM and 0 psi down backside. Circulated 2 bbls to surface.

(20:00) Remove landing joint and nipple up BOP.

(22:00) TIH

#### **04/27/14**

(02:00) Drilled out plug and lost returns. Pump 200 bbls 20# LCM pill. No returns. Pump 200 bbls 36# LCM pill. No returns.

(09:00) Pumped 200 bbls 36# LCM pill. No returns. TOOH

(22:00) MIRU O-Tex to pump surface cement job as follows:

Pressure tested lines to 1500 psi. Pumped 15 bbls Sodium Silicate spacer nat 2 BPM @ 40 psi. Pumped 360 sks of Class C + 5% Gyp, .06%C-12, .1 % sk phenoseal, .25#/sk celloflake, 1% Calcium chloride at 11.8 ppg at 2 BPM and 22 psi. Pumped 12 bbls H2O displacement. Well on vacuum, no returns.

WOC.

(17:30) TIH to float collar. Circulate hole. No returns. Went on vacuum.

TOOH

**04/28/14**

(06:00) Skid rig 50' to the west.

**4/29/14**

(06:30) Drill 12.25" surface hole #2 from 0' to 647' / Average WOB 18/ 100 RTS / 300 gpm @ 900 psi. Lost returns at 647'. Pull up and pump 200 bbls 40# LCM pill. No returns.

(22:30) TOOH

Became stuck at 450'.

**05/01/14**

Work stuck Pipe.

Ran 1" down backside to try to wash around bit. Could not get past 60' down hole.

Wait on Wireline to run free point.

RU Wire line. Ran free point. Pipe stuck at 40'. Made one shot at bit and tried to back off. Did not back off. Made another shot at 350' and tried to back off. Did not back off. Used rotary and tongs and backed off. Pulled up 7 jts DP. Left 3 jts DP, XO sub, 5 DC's, bit sub, and 12 ¼ bit in hole. Top @ 207' and bottom @ 450'.

**5/02/14**

Rig released at 12:00 hours on 05/02/14.

**05/07/14**

MIRU O-Tex. Pumped 150 sks 14.8 ppg cement down 12 ¼ surface hole. Cement up to bottom of cellar.