

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

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

WELL API NO. 30-021-20566
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Libby Minerals LLC 2032
8. Well Number 10-1-G
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 G : 1980 feet from the North line and 1980 feet from the East line  
Section 10 Township 20 N Range 32 E NMPM County Harding

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
4858.2

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

RECEIVED OCD  
2013 JUN 13 P 2:07

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 Van derburg TITLE Manager DATE 6-10-13

Type or print name Vance Van derburg E-mail address: vancere@reliantgas.com Telephone No. 432-555-7085  
**For State Use Only**

APPROVED BY: Ed Martin TITLE **DISTRICT SUPERVISOR** DATE 6/17/2013  
Conditions of Approval (if any):

**Libby Minerals LLC 2032 10-1-G**

**5/22/13**

(04:00)MIRU Reliant Rig #1. KB = 10' AGL.

**5/23/13**

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

**5/24/13**

Off for Holiday

**5/25/13**

Off For Holiday

**5/26/13**

Off for Holiday

**5/27/13**

Off for Holiday

**5/28/13**

Spud in at (07:15) / Drill 12.25" surface hole from 0' to 726' / Average WOB 12 / 100-110 RTS / 390 gpm @ 950 psi.

(18:00)Circulate and condition hole.

(20:30) TOOH

(22:30)Ran 8.625, 24.0 lb/ft, J-55, ST&C, from 10' to 704' .

**5/29/13**

(01:30) Circulate and Condition hole

(05:30) MIRU O-Tex to pump surface cement job as follows:

Pressure tested lines to 2500 psi. Pumped 10 bbl spacer. Pumped 440 sks of Class C + 2% Calcium chloride cement at 14.8ppg at 4 BPM and 210 psi. Dropped top plug and pumped 42.8 bbls displacement at 3 BPM and 350 psi. Bumped plug to 850 psi. Float held. Circulated a total of 57 bbls to surface. Plug down at 07:25 hours on 5/29/2013. WOC

(13:00)Remove landing joint and nipple up BOP

(18:30) Drilled 7 7/8 production hole from 726' to 962' / Average WOB 5 / 105 RTS / 400 gpm @ 600 psi.

**5/30/2013**

Drilled 7 7/8 production hole from 962' to 2045' / Average WOB 7 / 110 RTS / 300 gpm @ 800 psi

**5/31/2013**

Drilled 7 7/8 production hole from 2045' to 2160' / Average WOB 10 / 110 RTS / 350 gpm @ 1000 psi

(01:00) Circulate and mud up. Chlorides too high to use fresh water gel. Fresh water gel falling out. Ordered salt water gel and starch and will mud up when core barrel is to TD.

TOOH (07:00)

(10:30) RU Baker core barrel and prepare to TIH and take core.

**6/1/2013**

(00:30) Take core #1 from 2160' to 2190'. Circulate hole. (03:00) TOOH.

(06:30) TIH. Take core #2 from 2190' to 2220'. Circulate hole. (12:30) TOOH.

(15:30) TIH. Take core #3 from 2220' to 2251'. Circulate hole. (20:30) TOOH.

**6/2/2013**

(00:00) TIH. Take core #4 from 2251' to 2281'. Circulate hole. (06:00) TOOH.

(09:30) TIH. Take core #5 from 2281' to 2311'. Circulate hole. (14:30) TOOH.

(19:00) TIH. Take core #6 from 2311' to 2341'.

**6/3/13**

Circulate hole. (01:45) TOOH.

(06:30) TIH. Take core #7 from 2341' to 2372'. Circulate hole. (14:00) TOOH.

(18:30) TIH. Take core #8 from 2372' to 2402'. Circulate hole.

**6/4/13**

(02:00) TOOH.

(07:30) TIH. Take core #9 from 2402' to 2432'. Circulate hole. (13:30) TOOH.

(18:00) TIH to drill to TD.

Drilled 7 7/8 production hole from 2432' to 2469' / Average WOB 15 / 118 RTS / 360 gpm @ 1070 psi

(00:00) Circulate

**6/5/13**

(01:15)TOOH

(06:00)MIRU Weatherford wire line to run open hole logs.

(16:30)Ran 5 ½ casing as follows: 5.5", 17#, Chrome sub from 8' to 17'. Ran 5.5", 5.4#, FG casing from 17' to 2210'. Ran 5.5", 15.5#, J-55, 8 RD, casing from 2210' to 2420'.

**6/6/13**

(03:30)Circulate and Condition hole

(04:00)MIRU O-TEX to pump cement as follows:

Pressure tested lines to 2500 psi. Pump 10 bbls spacer. Pumped 795 sks lead cement Class C + 2% GYP + 3%Calcl2 + 2% SM + 1/8 lb per sk celloflake at 11.1 ppg at 5 bpm at 200 psi. Pumped 105 sks tail cement Class C + 2% GYP + 3%Calcl2 + 2% SM + 1/8 lb per sk celloflake at 13.2 ppg at 5 bpm at 200 psi. Dropped top plug. Displaced cement with 56 bbls 4% KCL at 4.5 bpm and 500 psi. Bumped plug at 950 psi.. Float equipment held. Circulated 250sks to surface. Plug down at 07:00 hours on 6/06/13. Nipple down BOP equipment and clean pits and location.

Rig released at 11:00 hours on 6/06/13.

RECEIVED OGD

2013 JUN 13 P 2: 07



June 10, 2013

Mr. Ed Martin  
District IV Supervisor  
New Mexico Oil Conservation Division  
1220 South St. Francis  
Santa Fe, NM 87505

Re: Form C-103

Dear Mr. Martin:

Please find enclosed for your approval the Sundry notice on drilling operations for the following wells;

Libby Minerals LLC 2032 10-1-G.

Please send the approved notice to my attention at the following address;

7714 Georgetown Drive

Amarillo, TX 79119

Please let me know if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Vance Vanderburg". The signature is stylized with a large, sweeping "V" and a long, horizontal stroke.

Vance Vanderburg  
vance@reliantholdingsltd.com  
432-559-7085