

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

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.)		WELL API NO. 30-021-20616
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other CO2 Well <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Reliant Exploration & Production, LLC.		6. State Oil & Gas Lease No.
3. Address of Operator 10817 West County Road 60 Midland, TX 79707		7. Lease Name or Unit Agreement Name Libby Minerals LLC 2031
4. Well Location Unit Letter <u>J</u> : <u>1650</u> feet from the <u>South</u> line and <u>1650</u> feet from the <u>East</u> line Section <u>10</u> Township <u>20 N</u> Range <u>31 E</u> NMPM County <u>Harding</u>		8. Well Number <u>10-1-J</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>4652</u>		9. OGRID Number <u>251905</u>
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		
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

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 NMOC guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Vance Vanderburg TITLE Manager DATE 4-1-14

Type or print name Vance Vanderburg E-mail address: vance@reliantgases.com Telephone No. 432-559-7085

For State Use Only

APPROVED BY: Ed Martin TITLE **DISTRICT SUPERVISOR** DATE 4/22/2014

Conditions of Approval (if any):

Libby Minerals LLC 2031 10-1-J

04/07/14

(08:00)MIRU Reliant Rig #1. KB = 10' AGL.

04/08/14

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

(11:00)Drill 12.25" surface hole from 0' to 605' / Average WOB 11/ 100 RTS / 380 gpm @ 1025 psi.

04/09/14

Drill 12.25" surface hole from 605' to 754' / Average WOB 12/ 100 RTS / 390 gpm @ 1035 psi.

(02:00) Circulate

(03:00) TOOH

(06:00) Ran 8.625, 24.0 lb/ft, J-55, ST&C, from 10' to 728'.

(08:30) Circulate

(09:00) MIRU O-Tex to pump surface cement job as follows:

Pressure tested lines to 1000 psi. Pumped 440 sks of Class C + 2% Calcium chloride cement at 14.8 ppg at 4 BPM and 100 psi. Dropped top plug and pumped 44 bbls displacement at 3 BPM and 150 psi. Bumped plug to 800 psi. Float held. Circulated a total of 50 bbls to surface. Plug down at 10:15 hours on 04/09/2014. WOC

(14:30) Remove landing joint and nipple up BOP.

(16:30) TIH

(18:00) Drilled 7 7/8 production hole from 754' to 1080' / Average WOB 7 / 105 RTS / 360 gpm @ 650 psi.

04/10/14

Drilled 7 7/8 production hole from 1080' to 2375' / Average WOB 15 / 100 RTS / 395 gpm @ 965 psi.

(17:30) Circulate.

(19:30) TOOH

(23:00) MIRU Weatherford wire line to run open hole logs.

04/11/14

(03:00) Ran 5 ½ casing as follows: 5.5", 15.5#, J-55, 8 RD, casing from 8' to 2328'.

(09:00) Circulate and Condition hole

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

Pressure tested lines to 2000 psi. Pump 10 bbls spacer. Pumped 185 sks lead cement Class C + 2% GYP + 3% Calcl2 + 2% SM + 1/8 lb per sk celloflake at 11.1 ppg at 4 bpm at 20 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 4 bpm at 5 psi. Dropped top plug. Displaced cement with 54 bbls water at 3.5 bpm and 200 psi. Bumped plug at 1100 psi.. Float equipment held. Circulated 70 bbls to surface. Plug down at 19:00 hours on 04/11/14.

(19:30) Nipple down BOP equipment and clean pits and location.

Rig released at 23:30 hours on 04/11/14.

RECEIVED OCD

2014 APR 15 P 1:55



April 13, 2014

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 Form C-103 for the following well;

Libby Minerals LLC 2031 10-1-J.

Please send the approved 103's 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