

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.

30-021-20581

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 27-1-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 : 1980 feet from the South line and 1980 feet from the East line

Section 27 Township 19 N Range 31 E NMPM County Harding

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

4439

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

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

TITLE

DATE 12-10-13

Type or print name
For State Use Only

Vance Kinderby

E-mail address:

rem@reliantgas.com Telephone No. 432-555-7085

APPROVED BY:

Ed Martin

TITLE

DISTRICT SUPERVISOR

DATE 12/16/2013

Conditions of Approval (if any):

Libby Minerals LLC 1931 27-1-J

12/02/13

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

Inspected rig, drill collars, and drill pipe.

12/03/13

Spud in at (07:30) / Drill 12.25" surface hole from 0' to 751' / Average WOB 10 / 95-100 RTS / 350 gpm @ 900 psi.

(17:15) Circulate

(18:30) TOOH

(21:30)Ran 8.625, 24.0 lb/ft, J-55, ST&C, from 10' to 729'.

(23:30) Circulate

12/04/13

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

Pressure tested lines to 1500 psi. Pumped 10 bbl spacer. Pumped 440 sks of Class C + 2% Calcium chloride cement at 14.8 ppg at 3 BPM and 30 psi. Dropped top plug and pumped 44 bbls displacement at 2/3 BPM and 120 psi. Bumped plug to 732 psi. Float held. Circulated a total of 35 bbls to surface. Plug down at 05:30 hours on 12/4/2013. WOC

(10:30)Remove landing joint and nipple up BOP

(12:00)TIH

(13:30) Drilled 7 7/8 production hole from 724' to 957' / Average WOB 9 / 100 RTS / 380 gpm @ 750 psi.

(19:00) Lost circulation. Trip into shoe and prepare LCM pill.

12/05/13

(06:00) Pumped LCM Pill. Vis 44 Wt 8.5. 16# filler. Re-gained circulation. TIH resume drilling.

(08:00) Drill 7 7/8 production hole from 957' to 2000' / Average WOB 10 / 100 RTS / 380 gpm @ 900psi

12/06/13

Drill 7 7/8 production hole from 2000' to 2255' / Average WOB 10 / 100 RTS / 380 gpm @ 1000psi

(05:30) Circulate.

(07:30) TOOH

(12:30)MIRU Weatherford wire line to run open hole logs.

(17:30)Ran 5 ½ casing as follows: 5.5", 15.5#, J-55, 8 RD, casing from 8' to 2241'.

12/07/13

(02:30)Circulate and Condition hole

(03:00)MIRU O-Tex to pump cement as follows:

Pressure tested lines to 2000 psi. Pump 10 bbls spacer. Pumped 180 sks lead cement Class C + 2% GYP + 3%Calcl2 + 2% SM + 1/8 lb per sk celloflake at 11.1 ppg at 3 bpm at 100 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 3 bpm at 100 psi. Dropped top plug. Displaced cement with 52 bbls water at 3 bpm and 400 psi. Bumped plug at 1500 psi.. Float equipment held. Circulated 25 bbls to surface. Plug down at 07:30 hours on 12/7/13. Nipple down BOP equipment and clean pits and location.

(11:30) Nipple down BOP equipment and clean pits and location.

Rig released at 12:00 hours on 12/07/13.

RECEIVED OGD

2013 DEC 13 P 1:17



December 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 Form C-103 for the following well;

Libby Minerals LLC 1931 27-1-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 "V" and a long, sweeping horizontal stroke.

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