

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

Form C-103
May 27, 2004

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

WELL API NO. 30-021-20611
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 2031
8. Well Number 19-4-O
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 O : 1150 feet from the South line and 1426 feet from the East line
Section 19 Township 20 N Range 31 E NMPM County Harding

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4512.7

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(1) 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 5-16-14

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

APPROVED BY: [Signature] TITLE Deputy Oil & Gas Inspector DATE 6-18-14
Conditions of Approval (if any): AV District # 3

Libby Minerals LLC 2031 19-4-O

5/02/14

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

5/03/14

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

Repair Hydraulic Oil Cooler Radiator.

5/04/14

Spud in at (06:00) / Drill 12.25" surface hole from 0' to 60' / Average WOB 7 / 80-85 RTS / 340 gpm @ 900 psi.

(10:00) Hydraulic oil overheating. Determined relief bypass valve was hung open on oil cooler. Bypassed valve and all checked out.

(19:30) Drill 12.25" surface hole from 60' to 165' / Average WOB 7 / 80-85 RTS / 340 gpm @ 900 psi.

5/05/14

Drill 12.25" surface hole from 165' to 308' / Average WOB 12 / 80-85 RTS / 340 gpm @ 650 psi.

(19:00) Leak in top drive. TOOH to repair.

5/06/14

(04:30) TIH.

(8:30) Drill 12.25" surface hole from 308' to 758' / Average WOB 12 / 80-85 RTS / 350 gpm @ 650 psi.

(18:00)Circulate and condition hole.

(19:00) TOOH

(22:30) Ran 8.625, 24.0 lb/ft, J-55, ST&C, from 10' to 728'.

05/07/14

(07:00)Circulate

(07:00) 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 4 BPM and 150 psi. Dropped top plug and pumped 44 bbls displacement

at 3 BPM and 250 psi. Bumped plug to 1000 psi. Float held. Circulated a total of 22 bbls to surface. Plug down at 09:00 hours on 5/07/2014. WOC

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

(21:00) TIH

5/08/14

(03:30) Drill 7 7/8 production hole from 758' to 921' / Average WOB 6 / 100 RTS / 350 gpm @ 500 psi

(06:00) Lost turbo on #1 mud pump and clutch on #2 mud pump. Trip into shoe.

Wait on parts.

5/09/14

Wait on Parts.

5/10/14

Wait on Parts. Repaired clutch and turbo and rig would not start.

5/11/14

Wait on mechanic.

5/12/14

Wait on mechanic.

5/13/14

Mechanic arrived @ 16:00. Found jumper wire shorted.

5/14/14

(07:30) TIH

(09:00) Drill 7 7/8 production hole from 921' to 2105' / Average WOB 10 / 95 RTS / 370 gpm @ 900 psi

5/15/14

Drill 7 7/8 production hole from 2105' to 2180' / Average WOB 10 / 100 RTS / 380 gpm @ 980 psi

(03:00) Circulate.

(04:00) TOOH

(07:30) MIRU Weatherford wire line to run open hole logs.

(11:30)Ran 5 ½ casing as follows: 5.5", 15.5#, J-55, 8 RD, casing from 8' to 2160'.

(15:00)Circulate and Condition hole

(18:30)MIRU O-TEX to pump cement as follows:

Pressure tested lines to 2000 psi. Pump 10 bbls spacer. Pumped 245 sks lead cement Class C + 2% GYP + 3%CalCl₂ + 2% SM + 1/8 lb per sk celloflake at 11.1 ppg at 3.5 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 40 psi. Dropped top plug. Displaced cement with 50 bbls water at 4 bpm and 600 psi. Bumped plug at 1300 psi.. Float equipment held. Circulated 40 bbls to surface. Plug down at 20:30 hours on 5/15/14. Nipple down BOP equipment and clean pits and location.

Rig released at 24:00 hours on 5/15/14.