

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. 30-021-20576
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 13-1-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

OIL CONS. DIV DIST. 3

NOV 03 2014

4. Well Location
Unit Letter G : 1655 feet from the North line and 1655 feet from the East line
Section 13 Township 20 N Range 32 E NMPM County Harding

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5048.5

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

Did not comply with 19.15.16.10.G(1)

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 8-13-14

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

DEPUTY OIL & GAS INSPECTOR

APPROVED BY: [Signature] TITLE DISTRICT #3 DATE 11/7/14
Conditions of Approval (if any): AV

Libby Minerals LLC 2032 13-1-G

7/27/14

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

Inspected rig, drill collars, and drill pipe.

(13:00) Drill 12.25" surface hole from 0' to 565' / Average WOB 10 / 100 RTS / 320 gpm @ 820 psi.

7/28/14

Drill 12.25" surface hole from 565' to 753' / Average WOB 13 / 120 RTS / 320 gpm @ 875 psi.

(06:00) Circulate

(07:00) TOOH

(09:00) Ran 8.625, 24.0 lb/ft, J-55, ST&C, from 10' to 722'.

(12:00) Circulate

(17:00) MIRU Pacesetter Pressure Pumping to pump surface cement job as follows:

Pressure tested lines to 1500 psi. Pumped 10 bbl spacer. Pumped 450 sks of Class C + 2% Calcium chloride cement at 14.8 ppg at 3 BPM and 66 psi. Dropped top plug and pumped 43 bbls displacement at 2.2 BPM and 230 psi. Bumped plug to 560 psi. Float held. Circulated a total of 30 bbls to surface. Plug down at 19:45 hours on 7/28/2014. WOC

(23:15) Pressure test 8 5/8 csg to 975 psi. Held for 30 minutes. Test OK. ✓

7/29/14

(00:00) Nipple up BOP.

(02:00) TIH. Drill Plug.

(06:00) Drill 7 7/8" production hole from 753' to 1349' / Average WOB 6 / 80 RTS / 360 gpm @ 630 psi.

(15:00) Lost all returns @ 1349'. Pull up 5 jts and pump LCM pill. Regained circulation. Lost circulation as soon as pipe was back on bottom. Pumped two more LCM pills and never re-gained full circulation. Dry drilled to 1399' and circulation was spotty. Decided to pull up into surface pipe and mud up steel pits with 80# LCM pill.

(18:30) Trip into surface pipe.

(19:30) Mud up.

(23:30) Displace hole with about 80 bbls of LCM pill. Started getting returns.

7/30/14

(00:15) TIH.

Drill 7 7/8 production hole from 1399' to 1490' / Average WOB 12 / 110 RTS / 380 gpm @ 1070 psi through steel pits. 100% returns.

(00:00) Switch back to reserve @ 1490'.

Drill 7 7/8 production hole from 1490' to 1602' / Average WOB 14 / 105 RTS / 355 gpm @ 975 psi

(12:00) Lost returns. Pull two jts of bottom and pump LCM pill.

(12:30) Full returns. Drill Ahead 7 7/8 production hole from 1602' to 1658' / Average WOB 14 / 105 RTS / 355 gpm @ 975 psi.

(13:30) Lost all returns. Switched back to steel pits/mud. Full returns.

(14:00) Drill 7 7/8 production hole from 1658' to 1804' / Average WOB 9 / 91 RTS / 370 gpm @ 875 psi

(16:30) Salinity reached a level that made fresh water gel fall out. Started circulating back through reserve and jetted pits. Will mud up with salt water gel when we reach the Cimarron if we have no further circulation issues.

(18:30) Lost all returns @ 1928'. Pull up into surface pipe and mud up steel pits and pre-mix with salt gel.

7/31/14

(05:00) TIH. Wash jts down. 3/4 returns.

(08:30) Drill 7 7/8 production hole from 1928' to 2554' / Average WOB 12 / 105 RTS / 370 gpm @ 1150 psi

08/01/14

Drill 7 7/8 production hole from 2554' to 2764' / Average WOB 14 / 115 RTS / 370 gpm @ 1200 psi

(05:30) Circulate and condition hole.

(07:00) TOOH

(12:30) MIRU Weatherford wire line.

(16:30) Ran 5 ½ casing as follows: 5.5", 15.5#, J-55, 8 RD, casing from 8' to 2670'.

(21:30) Circulate and Condition hole.

08/02/14

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

Pressure tested lines to 2000 psi. Pump 10 bbls spacer. Pumped 317 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 70 psi. Pumped 150 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 25 psi. Dropped top plug. Displaced cement with 69 bbls water at 3 bpm and 250 psi. Bumped plug at 1200 psi.. Float equipment held. Circulated 119 bbls to surface. Plug down at 03:30 hours on 08/02/14. Nipple down BOP equipment and clean pits and location.

(08:00) Test 5 ½ csg to 1250 psi. Held for 30 minutes. Test OK. ✓

Rig released at 20:00 hours on 08/02/14. ✓