

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. 30-021-20603 |
| 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No. |

| | |
|---|---|
| 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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other CO2 Well | 7. Lease Name or Unit Agreement Name Libby Minerals LLC 1931 |
| 2. Name of Operator Reliant Exploration & Production, LLC. | 8. Well Number 9-2-J |
| 3. Address of Operator 10817 West County Road 60 Midland, TX 79707 | 9. OGRID Number 251905 |
| 4. Well Location Unit Letter <u>J</u> : <u>1345</u> feet from the <u>South</u> line and <u>1331</u> feet from the <u>East</u> line Section <u>9</u> Township <u>19 N</u> Range <u>31 E</u> NMPM County <u>Harding</u> | 10. Pool name or Wildcat Bravo Dome 96010 |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4451.3 | |
| 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: | | SUBSEQUENT REPORT OF: | |
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/> | P AND A <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | MULTIPLE COMPL <input type="checkbox"/> | CASING/CEMENT JOB <input checked="" type="checkbox"/> | |
| OTHER: <input type="checkbox"/> | | OTHER: <input type="checkbox"/> | |

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

JUL 24 2014

Report TO of prod csg on Amended form.

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

SIGNATURE Vance Vanderburg TITLE Manager DATE 7-8-14

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

APPROVED BY: Bob Roll TITLE FY DATE 8/18/14
Conditions of Approval (if any):

• **Libby Minerals LLC 1931 9-2-J**

6/22/14

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

Inspected rig, drill collars, and drill pipe.

6/23/14

Wait on mechanic to correct issue with getting derrick raised up on rig.

6/24/14

Wait on leveling block valve assembly.

(18:00) Install new leveling block assembly. Did not correct issue. Could lift derrick if top drive was brought down to top of carousel.

6/25/14

Check pressures on main lifting rams. Pressures checked OK. Wait on flow meter to measure hydraulic flow to rams.

6/26/14

Flow checked OK. Determination made that one of the rams is getting weak.

(06:00) Drill 12.25" surface hole from 0' to 753' / Average WOB 8 / 97 RTS / 400 gpm @ 770 psi.

(23:30) Circulate

6/27/14

(00:30) TOOH

(02:00) Ran 8.625, 24.0 lb/ft, J-55, ST&C, from 10' to 725'.

(03:30)Circulate

(10:30) 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 3.5 BPM and 25 psi. Dropped top plug and pumped 5 bbls displacement. Bridged off @ 880 psi. Removed landing jt and tried to pump displacement. Could not pump.

Cut off and weld on 8 5/8 collar. New 8 5/8 casing tally was 10' to 708'.

(14:30) Drill cement from 0' to 210'.

(21:00) MIRU Renegade Wireline to run bond log. Top of cement @ 150'. Shoot four 1" holes @ 140'.

6/28/14

Circulate. Full returns to surface. ✓

(07:30) MIRU O-Tex to pump surface cement job as follows:

Pressure tested lines to 500 psi. Pumped 10 bbl spacer. Pumped 100 sks of Class C + 2% Calcium chloride cement at 14.8 ppg at 2 BPM and 300 psi. Pumped 5 bbls H2O displacement. Shut well in with 300 psi. 22 bbls cement to surface. ✓

(13:00) Nipple up BOP.

(14:00) Drill cement from 60' to 708'.

(17:00) Pressure test csg to 1042 psi. Held for 30 minutes. Test ok.

(18:00) Drill 7 7/8 production hole from 708' to 1202' / Average WOB 12 / 120 RTS / 345 gpm @ 645 psi.

06/29/14 ✓


Drill 7 7/8 production hole from 1202' to 2224' / Average WOB 11 / 125 RTS / 340 gpm @ 1025 psi.

(22:30) Circulate and condition hole.

6/30/14

(02:30) TOOH

(05:30) MIRU Weatherford wire line.

(09:00) Ran 5 1/2 casing as follows: 5.5", 15.5#, J-55, 8 RD, casing from 8' (to ' .

(13:30) Circulate and Condition hole

(18:00) MIRU O-Tex to pump cement as follows:

Pressure tested lines to 2000 psi. Pump 10 bbls spacer. Pumped 345 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 70 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 70 psi. Dropped top plug. Displaced cement with 51 bbls water at 4 bpm and 450 psi. Bumped plug at 1000 psi.. Float equipment held. Circulated 70 bbls to surface. Plug down at 20:00 hours on 6/30/14. Nipple down BOP equipment and clean pits and location.

(23:30) Test 5 ½ csg to 980 psi. Held for 30 minutes. Test OK. ✓

Rig released at 24:00 hours on 06/30/14. ✓

