

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. 30-021-20567
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>M</u> : <u>660</u> feet from the <u>South</u> line and <u>1110</u> feet from the <u>West</u> line Section <u>8</u> Township <u>20 N</u> Range <u>31 E</u> NMPM County <u>Harding</u>		8. Well Number <u>8-1-M</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4553.2		9. OGRID Number 251905
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat Bravo Dome 96010
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 Vance Vanderburg TITLE Director DATE 4/24/13

Type or print name Vance Vanderburg E-mail address: vance@reliant-gases.com Telephone No. 48-555-7085

APPROVED BY: Ed Martin TITLE **DISTRICT SUPERVISOR** DATE 5/24/2013
Conditions of Approval (if any):

Libby Minerals LLC 2031 8-1-M

4/12/13

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

4/13/13

Finish RU. Inspected rig, drill collars, and drill pipe. Spud in at (15:30) / Drill 12.25" surface hole from 0' to 168' / Average WOB 15 / 100-110 RTS / 320gpm @ 650 psi.

4/14/13

Drill 12.25" surface hole from 168' to 814' (16:30)/ Average WOB 15/ 100-110 RTS / 340gpm @ 700 psi.

Circulate and Condition hole.

(19:30) TOOH.

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

4/15/13

(04:00)Ran 8.625, 24.0 lb/ft, J-55, ST&C, from 10' to 784' . (08:30) Circulate and Condition hole

(08:45) MIRU O-Tex to pump surface cement job as follows:

Pressure tested lines to 3000psi. Pumped 20 bbl spacer. Pumped 480 sks of Class C + 2% Calcium chloride cement at 14.8ppg at 5 BPM and 300 psi. Dropped top plug and pumped 47 bbls displacement at 3 BPM and 200 psi. Bumped plug to 875 psi. Float held. Circulated a total of 37 bbls to surface.

Plug down at 09:30 hours on 4/15/2013. WOC

(16:00)Remove landing joint and nipple up BOP

Wait on clutch rebuild on pilot bearing on mud pump #2

4/16/13

(12:30)Drilled 7 7/8 production hole from 814' to 1594' / Average WOB 5 / 80 RTS / 390 gpm @ 850 psi

4/17/2013

Drilled 7 7/8 production hole from 1594" to 2225' / Average WOB 6 / 80 RTS / 350 gpm @ 975 psi

TOOH (16:00)

(22:00)MIRU Weatherford wire line to run open hole logs.

4/18/2013

(05:00) Ran 5 ½ casing as follows: 5.5", 17#, Chrome sub from 3' to 6'. Ran 5.5", 5.4#, FG casing from 6' to 1969'. Ran 5.5", 15.5#, J-55, 8 RD, casing from 1969' to 2181'.

(19:30) Circulate and Condition hole

(19:45) MIRU O-Tex to pump cement as follows:

Pressure tested lines to 2000 psi. Pump 20 bbls spacer. Pumped 100 sks lead cement Class C + 2% GYP + 3% Calcl2 + 2% SM + 1/8 lb per sk celloflake at 11.1 ppg at 5 bpm at 50 psi. Pumped 100 sks tail cement Class C + 2% GYP + 3% Calcl2 + 2% SM + 1/8 lb per sk celloflake at 13.2 ppg at 5 bpm at 50 psi. Dropped top plug. Displaced cement with 51 bbls 4% KCL at 5 bpm and 10 psi. Bumped plug at 1300 psi. Bled off. Float equipment held. Circulated 17 bbls to surface. Plug down at 21:00 hours on 4/18/13.

4/19/2013

Nipple down BOP equipment and clean pits and location. Rig released at 01:30 hours on 4/19/13.