

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

<p>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.)</p>		<p>WELL API NO. 30-021-20564</p>
<p>1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other CO2 Well <input type="checkbox"/></p>		<p>5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/></p>
<p>2. Name of Operator Reliant Exploration & Production, LLC.</p>		<p>6. State Oil & Gas Lease No.</p>
<p>3. Address of Operator 10817 West County Road 60 Midland, TX 79707</p>		<p>7. Lease Name or Unit Agreement Name Libby Minerals LLC 2031</p>
<p>4. Well Location Unit Letter <u>P</u> : <u>660</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>East</u> line Section <u>20</u> Township <u>20 N</u> Range <u>31 E</u> NMPM County <u>Harding</u></p>		<p>8. Well Number 20-1-P</p>
<p>11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4582.9</p>		<p>9. OGRID Number 251905</p>
<p>10. Pool name or Wildcat Bravo Dome 96010</p>		
<p>Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/></p>		
<p>Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____</p>		
<p>Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____</p>		

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 Manager DATE 5-22-13

Type or print name Vance Vanderburg E-mail address: vance@reliantexploration.com Telephone No. 432-555-7085
For State Use Only

APPROVED BY: Ed Martin TITLE DISTRICT SUPERVISOR DATE 6/3/2013
Conditions of Approval (if any):

Libby Minerals LLC 2031 20-1-P

5/16/13

(11:00)MIRU Reliant Rig #1. KB = 10' AGL.

5/17/13

Finish RU. Inspected rig, drill collars, and drill pipe. Spud in at (10:15) / Drill 12.25" surface hole from 0' to 665' / Average WOB 12 / 100-110 RTS / 390 gpm @ 900 psi.

5/18/13

Drill 12.25" surface hole from 665' to 726' (01:30)/ Average WOB 15/ 100-110 RTS / 360gpm @ 375 psi.

Circulate and condition hole

(03:30) TOOH

(06:30)Ran 8.625, 24.0 lb/ft, J-55, ST&C, from 10' to 706' . (09:45) Circulate and Condition hole

(09:45) MIRU O-Tex to pump surface cement job as follows:

Pressure tested lines to 2000 psi. Pumped 10 bbl spacer. Pumped 440 sks of Class C + 2% Calcium chloride cement at 14.8ppg at 4 BPM and 106 psi. Dropped top plug and pumped 42.3 bbls displacement at 3 BPM and 350 psi. Bumped plug to 800 psi. Float held. Circulated a total of 45 bbls to surface.

Plug down at 10:40 hours on 5/18/2013. WOC

(15:00)Remove landing joint and nipple up BOP

(18:00)Drilled 7 7/8 production hole from 726' to 1181' / Average WOB 8 / 105 RTS / 400 gpm @ 600 psi.

5/19/2013

Drilled 7 7/8 production hole from 1181' to 2296' / Average WOB 11 / 107 RTS / 395 gpm @ 950 psi

5/20/2013

Drilled 7 7/8 production hole from 2296' to 2317' / Average WOB 14 / 110 RTS / 395 gpm @ 1090 psi

(01:00)Circulate

TOOH (03:00)

(08:30)MIRU Weatherford wire line to run open hole logs.

(10:30)Ran 5 ½ casing as follows: 5.5", 17#, Chrome sub from 8' to 11'. Ran 5.5", 5.4#, FG casing from 11' to 2050'. Ran 5.5", 15.5#, J-55, 8 RD, casing from 2050' to 2261'.

5/21/2013

(05:30)Circulate and Condition hole

(06:30)MIRU O-Tex to pump cement as follows:

Pressure tested lines to 2000 psi. Pump 15 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 250 psi. Dropped top plug. Displaced cement with 52 bbls 4% KCL at 3 bpm and 250 psi. Did not bump plug. Pumped 2 bbls 4 % KCL, still did not bump plug. Pumped 1 bbl 4% KCL, still did not bump plug. Pumped a total of 3 bbls over displacement and did not bump plug. Bled off. Float equipment did not hold. Circulated 60 bbls to surface. Plug down at 12:11 hours on 5/21/13. Left cement head on for cement to cure. Nipple down BOP equipment and clean pits and location.

Rig released at 16:30 hours on 5/21/13.