

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.  
30-021-20610  
5. Indicate Type of Lease  
STATE ☐ FEE ☒  
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.)		7. Lease Name or Unit Agreement Name Libby Minerals LLC 2031
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other CO2 Well		8. Well Number 19-3-F
2. Name of Operator Reliant Exploration & Production, LLC.		9. OGRID Number 251905
3. Address of Operator 10817 West County Road 60 Midland, TX 79707		10. Pool name or Wildcat Bravo Dome 96010
4. Well Location Unit Letter <u>F</u> : <u>1320</u> feet from the <u>North</u> line and <u>1520</u> feet from the <u>West</u> line Section <u>19</u> Township <u>20 N</u> Range <u>31 E</u> NMPM County <u>Harding</u>		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4519.5		
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

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 5-20-14

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

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

**Libby Minerals LLC 2031 19-3-F**

**5/16/14**

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

Inspected rig, drill collars, and drill pipe.

**5/17/14**

Spud in at (07:00) Drill 12.25" surface hole from 0' to 753' / Average WOB 8 / 90 RTS / 310 gpm @ 750 psi.

(20:30) Circulate and condition hole.

(21:30) TOOH

**5/18/14**

(00:00) Ran 8.625, 24.0 lb/ft, J-55, ST&C, from 10' to 728'.

(02:00) Circulate

(02:30) 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 14.8 ppg at 3 BPM and 50 psi. Dropped top plug and pumped 43 bbls displacement at 3 BPM and 180 psi. Bumped plug to 1000 psi. Float held. Circulated a total of 30 bbls to surface. Plug down at 04:15 hours on 5/18/2014. WOC

(07:00) Remove landing joint and nipple up BOP

(08:00) TIH

(14:30) Drill 7 7/8 production hole from 728' to 1840' / Average WOB 12 / 105 RTS / 390 gpm @ 750 psi

**5/19/14**

Drill 7 7/8 production hole from 1840' to 2194' / Average WOB 13 / 110 RTS / 380 gpm @ 800 psi

(06:45) Circulate.

(07:45) TOOH

(11:30) MIRU Weatherford wire line to run open hole logs.

(15:30) Ran 5 1/2 casing as follows: 5.5", 15.5#, J-55, 8 RD, casing from 8' to 2159'.

(20:00) Circulate and Condition hole

(20:30)MIRU O-Tex to pump cement as follows:

Pressure tested lines to 1500 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 bpm at 50 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 50 psi. Dropped top plug. Displaced cement with 50 bbls water at 4 bpm and 50 psi. Bumped plug at 1000 psi.. Float equipment held. Circulated 65 bbls to surface. Plug down at 22:30 hours on 5/19/14. Nipple down BOP equipment and clean pits and location.

Rig released at 24:00 hours on 5/19/14.