

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. 30-021-20600
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 2031
8. Well Number 9-1-K
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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other CO2 Well <input type="checkbox"/>	
2. Name of Operator Reliant Exploration & Production, LLC.	
3. Address of Operator 10817 West County Road 60 Midland, TX 79707	
4. Well Location Unit Letter <u>K</u> : <u>1650</u> feet from the <u>South</u> line and <u>1650</u> feet from the <u>West</u> line Section <u>9</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.) 4573	
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

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 3-21-14

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

For State Use Only

APPROVED BY: Ed Martin TITLE DISTRICT SUPERVISOR DATE 4/8/2014  
Conditions of Approval (if any):

**Libby Minerals LLC 2031 9-1-K**

**03/15/14**

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

Inspected rig, drill collars, and drill pipe.

**03/16/14**

Spud in at (17:00) / Drill 12.25" surface hole from 0' to 336' / Average WOB 12 / 85 RTS / 360 gpm @ 900 psi.

**03/17/14**

Drill 12.25" surface hole from 336' to 754' / Average WOB 13/ 95 RTS / 375 gpm @ 1020 psi.

(07:30) Circulate

(10:30) TOOH

(15:30)Ran 8.625, 24.0 lb/ft, J-55, ST&C, from 10' to 728'.

(19:30) 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 4 BPM and 50 psi. Dropped top plug and pumped 43 bbls displacement at 3.5 BPM and 280 psi. Bumped plug to 800 psi. Float held. Circulated a total of 25 bbls to surface. Plug down at 21:30 hours on 03/17/2014. WOC

**03/18/14**

(01:30)Remove landing joint and nipple up BOP

(03:30)TIH

(05:30) Drilled 7 7/8 production hole from 754' to 1851' / Average WOB 10 / 99 RTS / 390 gpm @ 770 psi.

**03/19/14**

(03:15) Drilled 7 7/8 production hole from 1851' to 2375' / Average WOB 12 / 102 RTS / 391 gpm @ 950 psi.

(07:15) Circulate.

(09:30) TOOH

(16:00)MIRU Weatherford wire line to run open hole logs.

(17:50) Wire line struck @ 1126'. Work to unstick. No luck.

**03/20/14**

(0:00) Ran in hole with side window overshot to latch onto to wireline tools

(03:00) On fish. TOOH

(05:00) Recovered fish.

(07:30) Make wiper run. Jets plugged at 1985'. TOOH to clean jets. TIH to make wiper run.

**03/21/14**

(06:00)MIRU Weatherford wire line to run open hole logs.

(10:00)Ran 5 ½ casing as follows: 5.5", 15.5#, J-55, 8 RD, casing from 8' to 2315'.

(17:00)Circulate and Condition hole

(17:15)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 4.5 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 3 bpm at 50 psi. Dropped top plug. Displaced cement with 54 bbls water at 3 bpm and 650 psi. Bumped plug at 1050 psi.. Float equipment held. Circulated 50 bbls to surface. Plug down at 19:00 hours on 03/21/14.

(23:00) Nipple down BOP equipment and clean pits and location.

Rig released at 24:00 hours on 03/21/14.

RECEIVED OCD  
2014 MAR 29 A 2:09



March 21, 2014

Mr. Ed Martin  
District IV Supervisor  
New Mexico Oil Conservation Division  
1220 South St. Francis  
Santa Fe, NM 87505

Re: Form C-103

Dear Mr. Martin:

Please find enclosed for your approval Form C-103 for the following wells;

Libby Minerals LLC 2031 9-1-K.

Please send the approved 103's to my attention at the following address;

7714 Georgetown Drive

Amarillo, TX 79119

Please let me know if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Vance Vanderburg".

Vance Vanderburg  
vance@reliantholdingsltd.com  
432-559-7085