

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. 30-021-20565
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 1931
8. Well Number 16-2-N
9. OGRID Number 251905
10. Pool name or Wildcat Bravo Dome 96010
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4421
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 _____

**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  Gas Well  Other CO2 Well

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 N : 660 feet from the South line and 2190 feet from the West line  
 Section 16 Township 19 N Range 31 E NMPM County Harding

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
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 Vandenberg* TITLE Manager DATE 4-10-13

Type or print name Vance Vandenberg E-mail address: vancouver@reliant-gas.com Telephone No. 432-555-7085  
 For State Use Only

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

**Libby Minerals LLC 1931 16-2-N**

**4/02/13**

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

**4/03/13**

Finish RU. Inspected rig, drill collars, and drill pipe. Spud in at (07:30) / Drill 12.25" surface hole from 0' to 214' / Average WOB 14 / 100-110 RTS / 350gpm @ 830 psi.

**4/04/13**

Wait on new Kelly Hose.

Drill 12.25" surface hole from 214' to 724' (16:30)/ Average WOB 14 / 100-110 RTS / 350gpm @ 830 psi.

Circulate and Condition hole.

(17:30) TOOH.

(20:00)Ran 8.625, 24.0 lb/ft, J-55, ST&C, from 10' to 707' . (22:15) Circulate and Condition hole

(22:45) MIRU O-Tex to pump surface cement job as follows:

Pressure tested lines to 3000psi. Pumped 5 bbl spacer. Pumped 440 sks of Class C + 2% Calcium chloride cement at 14.8ppg at 6 BPM and 260 psi. Dropped top plug and pumped 42.3 bbls displacement at 4 BPM and 300 psi. Bumped plug to 1030 psi. Float held. Circulated a total of 35 bbls to surface.

**4/05/13**

Plug down at 00:30 hours on 4/05/2013. WOC

(03:30)Remove landing joint and nipple up BOP

(09:00)TIH To Float Collar. Wait on Clutch Repairs on Mud Pump #1

**4/06/13**

Drilled 7 7/8 production hole from 724" to 814' / Average WOB 16 / 80 RTS / 350 gpm @ 925 psi

**4/07/2013**

Drilled 7 7/8 production hole from 814" to 1444' / Average WOB 19 / 80 RTS / 350 gpm @ 975 psi

**4/08/2013**

Drilled 7 7/8 production hole from 1444" to 2100' / Average WOB 21 / 80 RTS / 350 gpm @ 975 psi

**4/09/2013**

Drilled 7 7/8 production hole from 2100' to 2225' / Average WOB 22 / 80 RTS / 300 gpm @ 1000 psi(09:00)

TOOH (14:00)

(14:30)MIRU Weatherford wire line to run open hole logs.

(20:30)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 1963'. Ran 5.5", 15.5#, J-55, 8 RD, casing from 1963' to 2181'.

**4/10/2013**

(06:30)Circulate and Condition hole

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

Pressure tested lines to 2000 psi. Pump 20 bbls spacer. Pumped 110 sks lead cement Class C + 2% GYP + 3%CaCl<sub>2</sub> + 2% SM + 1/8 lb per sk celloflake at 11.1 ppg at 5 bpm at 150 psi. Pumped 105 sks tail cement Class C + 2% GYP + 3%CaCl<sub>2</sub> + 2% SM + 1/8 lb per sk celloflake at 13.2 ppg at 5 bpm at 150 psi. Dropped top plug. Displaced cement with 50 bbls 4% KCL at 5 bpm and 50 psi. Bumped plug at 1300 psi. Bled off. Float equipment held. Circulated 30 bbls to surface. Plug down at 10:30 hours on 4/10/13.

Nipple down BOP equipment and clean pits and location. Rig released at 2:30 hours on 4/10/13.



April 10, 2013

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 the Sundry notice on drilling operations for the following wells;

Libby Minerals LLC 1931 16-2-K

Please send the approved notice 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". The signature is stylized and cursive.

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

RECEIVED OGD

2013 APR 15 P 2:28