

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-021-20590
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>D</u> : <u>700</u> feet from the <u>North</u> line and <u>700</u> feet from the <u>West</u> line Section <u>18</u> Township <u>20 N</u> Range <u>31 E</u> NMPM County <u>Harding</u>		8. Well Number <u>18-2-D</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4529		9. OGRID Number 251905
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

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> OTHER: <input type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS <input checked="" type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/>
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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 NMOC guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Vance TITLE Manager DATE 12-15-13

Type or print name Vance Vandenberg E-mail address: vance.vandenberg@scs.com Telephone No. 432-559-7085  
**For State Use Only**

APPROVED BY: DL Martin TITLE **DISTRICT SUPERVISOR** DATE 1/2/2014  
Conditions of Approval (if any):

**Libby Minerals LLC 1931 18-2-D**

**12/13/13**

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

Inspected rig, drill collars, and drill pipe.

**12/14/13**

Spud in at (16:30) / Drill 12.25" surface hole from 0' to 430' / Average WOB 8 / 95-100 RTS / 395 gpm @ 930 psi.

**12/15/13**

Drill 12.25" surface hole from 430' to 754' / Average WOB 8 / 95-100 RTS / 395 gpm @ 1050 psi.

(04:00) Circulate

(05:00) TOOH

(08:00)Ran 8.625, 24.0 lb/ft, J-55, ST&C, from 10' to 726'.

(11:00) MIRU O-Tex to pump surface cement job as follows:

Pump truck would not start. Wait on another pump truck.

(21:00)

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 100 psi. Dropped top plug and pumped 43 bbls displacement at 3.5 BPM and 50 psi. Bumped plug to 800 psi. Float held. Circulated a total of 48 bbls to surface. Plug down at 22:30 hours on 12/15/2013. WOC

**12/16/13**

(02:30)Remove landing joint and nipple up BOP

(03:30)TIH

(06:00) Drilled 7 7/8 production hole from 754' to 1960' / Average WOB 10 / 100 RTS / 380 gpm @ 900 psi.

**12/17/13**

Drilled 7 7/8 production hole from 1960' to 2225' / Average WOB 12 / 100 RTS / 380 gpm @ 950 psi.

(04:30) Circulate.

(06:30) TOOH

(11:00)MIRU Weatherford wire line to run open hole logs.

(16:00)Ran 5 ½ casing as follows: 5.5", 15.5#, J-55, 8 RD, casing from 8' to 2201'.

(20:45)Circulate and Condition hole

(22:00)MIRU O-TEX to pump cement as follows:

Pressure tested lines to 1500 psi. Pump 10 bbls spacer. Pumped 155 sks lead cement Class C + 2% GYP + 3%CalCl<sub>2</sub> + 2% SM + 1/8 lb per sk celloflake at 11.1 ppg at 3.5 bpm at 60 psi. Pumped 105 sks tail cement Class C + 2% GYP + 3%CalCl<sub>2</sub> + 2% SM + 1/8 lb per sk celloflake at 13.2 ppg at 3.5 bpm at 60 psi. Dropped top plug. Displaced cement with 51.5 bbls water at 3 bpm and 50 psi. Bumped plug at 1350 psi.. Float equipment held. Circulated 15 bbls to surface. Plug down at 23:15 hours on 12/17/13.

### **12/18/13**

(03:15) Nipple down BOP equipment and clean pits and location.

Rig released at 04:00 hours on 12/18/13.

RECEIVED OGD  
2013 DEC 26 P 3:52



December 19, 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 Form C-103 for the following well;

Libby Minerals LLC 2031 18-2-D.

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". The signature is stylized with a large, sweeping initial "V" and a long, horizontal stroke at the end.

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