

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-~~20496~~ 20559

5. Indicate Type of Lease  
 STATE  FEE

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name  
 Libby Minerals LLC 1931

8. Well Number 8-2-A

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  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 A : 660 feet from the North line and 820 feet from the East line  
 Section 6-8 Township 19 N Range 31 E NMPM County Harding

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
 4450.9

Pit or Below-grade Tank Application  or Closure

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>		<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

RECEIVED OGD  
 2013 MAR 13 P 2:32

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 TITLE Manager DATE 3/9/13

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

APPROVED BY: Ed Martin TITLE **DISTRICT SUPERVISOR** DATE 3/19/2013

Conditions of Approval (if any):

**Libby Minerals LLC 1931 8-2-A**

**2/25/13**

Moved in Reliant Rig #1. KB = 10' AGL.

**2/26/13**

Inspected rig, drill collars, and drill pipe.

**2/27/13**

Fix Breaker on air compressor and install geolograph line. Pason calibrate all equipment

**2/28/13**

Spud in at (08:30) / Drill 12.25" surface hole from 0' to 751' / Average WOB 49 / 100-110 RTS / 285gpm @ 720 psi (Depth reached at 19:00). Circulate and Condition hole.

(21:00) TOOH.

**3/1/13**

(02:00)Ran 8.625, 24.0 lb/ft, J-55, ST&C, from 11' to 727.44' . (09:00) Circulate and Condition hole

Wait on cementers

(11:50) MIRU O-Tex to pump surface cement job as follows:

Pressure tested lines to 1500psi. Pumped 10 bbl spacer. Pumped 440 sks of Class C + 2% Calcium chloride cement at 14.8ppg at 4 BPM and 180 psi. Dropped top plug and pumped 44.6 bbls displacement at 4 BPM and 280 psi. Bumped plug to 870 psi. Float held. Circulated a total of 34bbls to surface. Plug down at 13:20 hours on 3/1/2013. WOC

(18:30)Remove landing joint and nipple up BOP

(21:30)TIH with 7 7/8 bit.

**3/2/13**

(01:15) Drilled 7 7/8 production hole from 751' to 1345' / Average WOB 53 / 70-80 RTS / 309 gpm @ 900 psi.

**3/3/2013**

Drilled 7 7/8 production hole from 1345' to1980' / Average WOB 58 / 80 RTS / 250 gpm @ 1100 psi

**3/4/2013**

Drilled 7 7/8 production hole from 1980' to 2135' / Average WOB 58 / 80 RTS / 250 gpm @ 1100 psi

At 2135' became stuck after making up jt. Mud 9.8 ppg and 40 vis.

Spotted oil and let set

Tried pulling free still stuck. Circulated oil up hole and let set again.

Still stuck. Circulated oil up hole again and let set.

### **3/5/13**

Still stuck. Circulated hole clean with new mud. 8.3 ppg 30 vis. Spotted oil. Let set. Pulled free at 18:48. Circulate and condition hole. TD called at 2135' TOOH.

### **3/6/13**

MIRU Weatherford wire line to run open hole logs

Hole bridged off at 1380' on second wireline run. Released Weatherford and TIOH to make wiper run.

### **3/7/13**

Made wiper run back to 2135'

Circulate hole

TOOH

Ran 5 1/2 casing as follows: 5.5", 17#, Chrome sub from 3' to 6'. Ran 5.5", 5.4#, FG casing from 6' to 1954'.  
Ran 5.5", 15.5#, J-55, 8 RD, casing from 1954' to 2110'.

Circulate and Condition hole

MIRU O-Tex to pump cement as follows:

Pressure tested lines to 1000 psi. Pump 10 bbls spacer. Pumped 110 sks lead cement Class C + 2% GYP + 3%Calcl2 + 2% SM + 1/8 lb per sk celloflake at 11.1 ppg at 4 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 4 bpm at 100 psi. Dropped top plug. Displaced cement with 45 bbls 4% KCL at 2 bpm and 250 psi. Bumped plug at 700 psi. Bled off. Float equipment held. Circulated 0 sks to surface. Plug down at 10:17 hours on 3/8/13.

Prepare to run top off cement. Ran 1" down backside to 60' and pumped cement to surface.

Nipple down BOP equipment and clean pits and location. Rig released at 20:30 hours on 3/8/13.



March 9, 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 8-2-A

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 fluid and cursive, with a large initial "V" and a long, sweeping tail.

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

RECEIVED OCD  
2013 MAR 13 P 2:34

**Martin, Ed, EMNRD**

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**From:** Martin, Ed, EMNRD  
**Sent:** Thursday, March 14, 2013 3:23 PM  
**To:** 'Vance Vanderburg'  
**Subject:** RE: Sundry Notice

Will do.

Ed Martin  
New Mexico Oil Conservation Division  
Supervisor, District 4  
1220 S. St. Francis  
Santa Fe, NM 87505  
Office: 505-476-3470  
Cell: 505-690-2365  
Fax: 505-476-3462

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**From:** Vance Vanderburg [<mailto:vance@reliantholdingsltd.com>]  
**Sent:** Thursday, March 14, 2013 3:17 PM  
**To:** Martin, Ed, EMNRD  
**Subject:** RE: Sundry Notice

If it's not too much trouble just change that one.

Thanks,

Vance Vanderburg  
Reliant Holdings LTD.  
Director of Sales  
Office 432-617-4213  
Cell 432-559-7085

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**From:** Martin, Ed, EMNRD [<mailto:ed.martin@state.nm.us>]  
**Sent:** Thursday, March 14, 2013 4:03 PM  
**To:** Vance Vanderburg  
**Subject:** RE: Sundry Notice

Do you want to do another C103, or do you want me to just change this one? API and surface location.

Ed Martin  
New Mexico Oil Conservation Division  
Supervisor, District 4  
1220 S. St. Francis  
Santa Fe, NM 87505  
Office: 505-476-3470  
Cell: 505-690-2365  
Fax: 505-476-3462

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**From:** Vance Vanderburg [<mailto:vance@reliantholdingsltd.com>]  
**Sent:** Thursday, March 14, 2013 2:38 PM  
**To:** Martin, Ed, EMNRD  
**Subject:** RE: Sundry Notice

You are correct. It is for the 8-2-A. Sorry for not catching that.

Vance Vanderburg  
Reliant Holdings LTD.  
Director of Sales  
Office 432-617-4213  
Cell 432-559-7085

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**From:** Martin, Ed, EMNRD [<mailto:ed.martin@state.nm.us>]  
**Sent:** Thursday, March 14, 2013 3:23 PM  
**To:** Vance Vanderburg  
**Subject:** Sundry Notice

I received your sundry on the drilling activity at the (I believe) 8-2-A.

However the API number is for the 16-1-F. The location on the C103 is Sec 6-19N-31E.

This is for the 8-2-A, right?

Ed Martin  
New Mexico Oil Conservation Division  
Supervisor, District 4  
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Santa Fe, NM 87505  
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