

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

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.)		WELL API NO. 30-021-20558
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 1931
4. Well Location Unit Letter <u>K</u> : <u>1700</u> feet from the <u>South</u> line and <u>2260</u> feet from the <u>West</u> line Section <u>5</u> Township <u>19 N</u> Range <u>31 E</u> NMPM County <u>Harding</u>		8. Well Number <u>5-2-K</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>4491</u>		9. OGRID Number <u>251905</u>
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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☒ P AND A ☐
CASING/CEMENT JOB ☒

OTHER: ☐

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 TITLE Manager DATE 4-2-13

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 4/8/2013
Conditions of Approval (if any):

Libby Minerals LLC 1931 5-2-K

3/18/13

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

3/19/13

Finish RU. Inspected rig, drill collars, and drill pipe. Spud in at (16:00) / Drill 12.25" surface hole from 0' to 274' / Average WOB 14 / 100-110 RTS / 350gpm @ 650 psi.

3/20/13

Drill 12.25" surface hole from 274' to 724' (12:15)/ Average WOB 14 / 100-110 RTS / 320gpm @ 700 psi.

Circulate and Condition hole.

(13:30) TOOH.

(16:30)Ran 8.625, 24.0 lb/ft, J-55, ST&C, from 10' to 712.81' . (19:30) Circulate and Condition hole

(19:45) 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 125 psi. Dropped top plug and pumped 43 bbls displacement at 4 BPM and 100 psi. Bumped plug to 1100 psi. Float held. Circulated a total of 30 bbls to surface. Plug down at 21:30 hours on 3/20/2013. WOC

3/21/13

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

(04:45)TIH

(08:00)Drilled 7 7/8 production hole from 712' to 1422' / Average WOB 40 / 80 RTS / 400 gpm @ 800 psi

3/22/13

Drilled 7 7/8 production hole from 1422' to 1950' (16:00)/ Average WOB 40 / 80 RTS / 400 gpm @ 925 psi

Circulate and Condition Hole. (18:00)Trip back up into shoe and then make short run in preparation to core well.

Core Barrel pickup tool could not be removed due to being torqued to 20K lbs at the factory. Had to hotshot barrel to Borger, TX to get lift nubbin removed.

Circulate and wait on core barrel.

3/23/2013

Rig Up Baker Hughes 30' core barrel and TIOH to take 30' core from 1950' to 1980'.

3/24/2013

Rig Up Baker Hughes 30' core barrel and Weatherford Laboratories and trip in hole to take 30' core. Took 30' core from 1950' to 1980'. TOOH for next core run.

TIH to 270'. Wait on control valve to be hot shotted from Dallas for rig.

3/25/13

TIH to 1980'. Take another core from 1980' to 2010'. TOOH. TIH. Take another core from 2010' to 2040'. TOOH.

3/26/13

TIH. Take core from 2040' to 2070'. TOOH. TIH. Take core from 2070' to 2100'. TOOH. TIH.

3/27/13

Take core from 2100' to 2130'. TOOH. TIH. Take core from 2130' to 2160'. TOOH. TIH.

Drilled 7 7/8 production hole from 2160' to 2195' / Average WOB 40 / 80 RTS / 400 gpm @ 800 psi(23:00)

3/28/13

TOOH (02:30)

(08:15)MIRU Weatherford wire line to run open hole logs.

(22:00)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 1984'. Ran 5.5", 15.5#, J-55, 8 RD, casing from 1984' to 2144'.

3/29/13

(05:30)Circulate and Condition hole

(06:00)MIRU O-Tex to pump cement as follows:

Pressure tested lines to 1500 psi. Pump 30 bbls spacer. Pumped 165 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 220 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 4.5 bpm at 220 psi. Dropped top plug. Displaced cement with 50 bbls 4% KCL at 4.5 bpm and 120 psi. Bumped plug at 1100 psi. Bled off. Float equipment held. Circulated 50 bbls to surface. Plug down at 08:15 hours on 3/29/13.

Nipple down BOP equipment and clean pits and location. Rig released at 12:00 hours on 3/29/13.

RECEIVED OOD
2013 APR -5 P 1:20



April 2, 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 5-2-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".

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