

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- 20567 20568
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 8-2-M
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 <u>CO2</u> 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 <u>M</u> : <u>660</u> feet from the <u>South</u> line and <u>1070</u> feet from the <u>West</u> line Section <u>8</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.) 4553.6

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

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 Vandenberg TITLE Manager DATE 6-17-13

Type or print name Vance Vandenberg E-mail address: vance@relianceenergy.com Telephone No. 432-555-2085
For State Use Only

APPROVED BY: Ed Martin TITLE DISTRICT SUPERVISOR DATE 6/26/2013

Martin, Ed, EMNRD

From: Vance Vanderburg <vance@reliantholdingsltd.com>
Sent: Wednesday, June 26, 2013 11:15 AM
To: Martin, Ed, EMNRD
Subject: RE: Libby Minerals LLC 2031 #82M

Yes. I failed to update the template.

Thanks,

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

From: Martin, Ed, EMNRD [<mailto:ed.martin@state.nm.us>]
Sent: Wednesday, June 26, 2013 11:51 AM
To: Vance Vanderburg
Subject: Libby Minerals LLC 2031 #82M

The C-103 shows the API number for this well to be 30-021-20567.

Should be 30-021-20568. Correct?

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

Libby Minerals LLC 2031 8-2-M

6/6/13

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

6/7/13

Finish RU. Inspected rig, drill collars, and drill pipe.

Spud in at (18:00) / Drill 12.25" surface hole from 0' to 350' / Average WOB 10 / 100-110 RTS / 380 gpm @ 950 psi.

6/8/13

Drill 12.25" surface hole from 350' to 725' / Average WOB 10 / 100-110 RTS / 380 gpm @ 950 psi.

(07:30)Circulate and condition hole.

(08:30) TOOH

(10:00)Ran 8.625, 24.0 lb/ft, J-55, ST&C, from 10' to 695'.

(14:30) Circulate and Condition hole

(14:30) MIRU O-Tex to pump surface cement job as follows:

Pressure tested lines to 1000 psi. Pumped 10 bbl spacer. Pumped 440 sks of Class C + 2% Calcium chloride cement at 14.8ppg at 4 BPM and 138 psi. Dropped top plug and pumped 42 bbls displacement at 3 BPM and 142 psi. Bumped plug to 725 psi. Float held. Circulated a total of 45 bbls to surface. Plug down at 06:00 hours on 6/8/2013. WOC

(20:00)Remove landing joint and nipple up BOP

(22:30)Drilled 7 7/8 production hole from 725' to 835' / Average WOB 5 / 105 RTS / 400 gpm @ 700 psi.

6/9/2013

(01:00)Circulate

(02:00)TOOH

(04:30) RU Baker core barrel and prepare to TIH and take core.

(08:30) TIH. Take core #1 from 835' to 865'. Circulate hole. (10:00) TOOH.

(13:30) TIH. Take core #2 from 865' to 895'. Circulate hole. (17:30) TOOH.

(20:30) TIH. Take core #3 from 895' to 925'. Circulate hole. (22:30) TOOH.

Stuck at 865'. Worked free but could only go down. Mud up system to vis 38 and weight 8.9.

6/10/2013

(06:00) Displaced hole. Worked tight spot TOOH.

(08:00) TIH. Take core #4 from 925' to 955'. Circulate hole. (12:00) TOOH.

(14:30) TIH. Service Rig. Hydraulic Motor issues.

6/11/13

(16:00) Parts arrived for rig repair. Finish TIH.

(18:00) Take core #5 from 955' to 985'. Circulate hole. (19:15) TOOH.

(21:15) TIH. Take core #6 from 986' to 1016'. Circulate hole. (00:00) TOOH.

6/12/13

(02:00) TIH. Take core #7 from 1016' to 1046'. Circulate hole. (05:00) TOOH.

(06:00) Lost hydraulic hose on sandline winch. Wait on new hose. (14:45) Finish TOOH

(16:00) TIH. Take core #8 from 1046' to 1077'. Circulate hole. (18:30) TOOH.

(20:30) TIH. Take core #9 from 1077' to 1107'. Circulate hole. (23:15) TOOH.

6/13/13

(01:30) TIH. Take core #10 from 1107' to 1137'. Circulate hole. (04:30) TOOH.

(06:30) TIH. Take core #11 from 1137' to 1167'. Circulate hole. (09:30) TOOH.

(12:00) TIH. Drill 7 7/8 production hole from 1167' to 1446' / Average WOB 10 / 100 RTS / 395 gpm @ 750 psi

(21:00) Circulate. (22:00) TOOH

6/14/13

(00:30) RU Baker core barrel and prepare to TIH and take core.

(03:30) Barrel jammed. TOOH. (05:30) Replace jammed core tube.

(06:00) TIH. Take core #12 from 1447' to 1477'. Circulate hole. (10:00) TOOH.

(12:30) TIH. Take core #13 from 1477' to 1509'. Circulate hole. (18:00) TOOH.

(21:00) TIH . Take core #14 from 1509' to 1539'. Circulate hole.

6/15/13

(01:30) TOOH.

(03:30) TIH . Take core #15 from 1539' to 1569'. Circulate hole. (07:15) TOOH.

(10:00)TIH. Drill 7 7/8 production hole from 1569' to 1657' / Average WOB 10 / 100 RTS / 395 gpm @ 750 psi

(14:30) Circulate. (15:30)TOOH

(18:00)MIRU Weatherford wire line to run open hole logs.

(22:30)Ran 5 ½ casing as follows:5.5", 15.5#, J-55, 8 RD, casing from 8' to 1617'.

6/16/13

(03:00)Circulate and Condition hole

(03:30)MIRU O-Tex to pump cement as follows:

Pressure tested lines to 2500 psi. Pump 10 bbls spacer. Pumped 100 sks lead cement Class C + 2% GYP + 3%Calcl2 + 2% SM + 1/8 lb per sk celloflake at 11.1 ppg at 3 bpm at 100 psi. Pumped 100 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 90 psi. Dropped top plug. Displaced cement with 37.5 bbls 4% KCL at 3 bpm and 330 psi. Bumped plug at 900 psi.. Float equipment held. Circulated 15 bbls to surface. Plug down at 05:30 hours on 6/16/13. Nipple down BOP equipment and clean pits and location.

Rig released at 11:00 hours on 6/16/13.



June 17, 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 / remedial work operations for the following wells;

Libby Minerals LLC 2031 8-2-M.

Libby Minerals LLC 1931 15-2-N.

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 with a large, sweeping "V" and a long, horizontal stroke.

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

RECEIVED OGD
2013 JUN 20 P 2:38