

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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
May 27, 2004

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. 30-021-20496
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> CO ₂ Well		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 300 N. Marienfeld Suite 600 Midland, TX 79701		7. Lease Name or Unit Agreement Name Libby Minerals LLC 1931
4. Well Location Unit Letter <u>F</u> : <u>1700</u> feet from the <u>North</u> line and <u>1700</u> feet from the <u>West</u> line Section <u>16</u> Township <u>19 N</u> Range <u>31 E</u> NMPM County <u>Harding</u>		8. Well Number <u>16-1-F</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>4431</u>		9. OGRID Number <u>251905</u>
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat Bravo Dome 96010
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____		RECEIVED NOV 2 4 46 PM '11
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		CD

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 10/20/11

Type or print name Vance Vanderburg E-mail address: vance@reliantgases.com Telephone No. 432-555-7095
 For State Use Only

APPROVED BY: [Signature] TITLE DISTRICT SUPERVISOR DATE 11/10/2011
 Conditions of Approval (if any):

Libby Minerals LLC 1931 16-1-F

7/10/2011

Moved in Reliant Rig #1. KB = 9' AGL.

7/12/2011

Inspected rig, drill collars, and drill pipe:

Drill 17.5" conductor hole from 11' to 45'. Fresh water flow at 33 '. Set 42' of 16" conductor pipe. Cemented with 10 sks to surface. WOC

7/13/2011

MIRU air booster and mister. Change Kelley bushing hose.

7/14/2011

Drill 12.25" surface hole from 42' to 103' / Average WOB 30 / 80-90 RTS / 1750 CFPM 6 gpm mist @ 200 psi.

Wait on crossover in order to pick up 4 drill collars

7/15/2011

Drill 12.25" surface hole from 103' to 745' / Average WOB 30 / 80-90 RTS / 1750 CFPM 6 gpm mist @ 200 psi.

Circulate and Condition hole. TOOH.

Ran 8.625, 24.0 lb/ft, J-55, ST&C, from 19' to 672.49'.

Circulate and condition hole.

7/16/2011

MIRU HALCO to pump surface cement job as follows:

Pressure tested lines to 3000psi. Pumped 20 bbl spacer. Pumped 530 sks of Class C + 2% Calcium chloride cement at 15.6 PPG at 5 BPM and 100 psi. Dropped top plug and pumped 39.57 bbls displacement at 5 BPM and 300 psi. Bumped plug to 1100 psi. Float held. Circulated a total of 150 sks to surface. Plug down at 05:00 hours on 7/16/2011. WOC

Remove landing joint and nipple up BOP

7/17/2011

TIH with 7 7/8 bit and blew hole above float.

Drilled 7 7/8 production hole from 745' to 875' / Average WOB 45 / 65-70 RTS / 1750 CFM @ 200 psi. Mister at 6 GPM. Fresh water flow of 5 BPM @ 875'

Drilled 7 7/8 production hole from 875' to 1150' / Average WOB 45 / 65-70 RTS / 1750 CFM @ 200 psi. Mister at 6 GPM. Fresh water flow of 5 BPM picked up to 10 BPM @ 1175'. Started booster increased pressure to 450 psi.

Drilled 7 7/8 production hole from 1150' to 1415' / Average WOB 45 / 65-70 RTS / 1750 CFM @ 450 psi. No Mist. Fresh water flow of 10 BPM picked up to 15 BPM @ 1415' and turned to saltwater.

Drilled 7 7/8 production hole from 1415' to 1476' / Average WOB 45 / 65-70 RTS / 1750 CFM @ 450 psi. No Mist. Salt water flow of 20 BPM @ 1476'. Picked up and circulated hole and prepare to change to mud.

7/18/2011

Drilled 7 7/8 production hole from 1476' to 2165' / Average WOB 45 / 40-50 RTS / 9.30 BPM @ 1000 psi

7/19/2011

Drilled 7 7/8 production hole from 2165' to 2256' / Average WOB 47 / 40-50 RTS / 9.30 BPM @ 1000 psi

Circulate and Condition hole

TOOH

MIRU Halliburton wire line to run open hole logs

7/20/2011

RD Halliburton and prepare to run production casing

Ran 5 ½ casing as follows:

Ran 5.5", 17#, Chrome sub from 9' to 18'. Ran 5.5", 5.4#, FG casing from 18' to 1946'. Ran 5.5", 15.5#, J-55, 8 RD, casing from 1946' to 2112'.

Circulate and Condition hole

MIRU HALCO to pump cement as follows:

Pressure tested lines to 4000 psi. Pump 160 bbls spacer. Pumped 135 sks lead cement Class C + 3% SA + 0.25 pps D29 + 4% D20 at 11.9 ppg at 6 bpm at 120 psi. Pumped 115 sks tail cement Class C + 3% SA + 0.25 pps D29 + 4% D20 at 13.5 ppg at 6 bpm at 160 psi. Dropped top plug. Displaced cement with 50 bbls 4% KCL at 2 bpm and 450 psi. Bumped plug at 11200 psi. Bled off. Float equipment held. Circulated 0 sks to surface. Plug down at 16:30 hours on 7/20/2011.

Nipple down BOP equipment and clean pits and location. Rig released at 24:00 hours on 7/20/2011

Reliant Exploration and Production LLC
300 N. Marienfeld, Suite 600
Midland, Texas 79701

October 25, 2011

VIA UPS NEXT DAY AIR

Mr. Ed Martin
District IV Supervisor
New Mexico Oil Conservation Division
1220 S. St. Francis
Santa Fe, New Mexico 87505

Re: Reliant Exploration & Production LLC
OGRID Number: 251905
Form C-103

RECEIVED OCD
2011 NOV -2 A 11:48

Dear Mr. Martin:

Reliant Exploration and Production LLC hereby submits for filing with the State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division ("OCD"), the following:

C-103, Sundry Notices and Reports on Wells, Well No. 16-1-F, Section 16, Township 19 North, Range 31 East, NMPM, Harding County, NM.
(Original and three copies)

Please let me know if you have any questions or need additional information. Thank you.

Kindest Regards,

Reliant Exploration and Production LLC



Frank A. Hunold, Jr.
General Counsel

Tel. (432) 617-4211

Email: fhunold@reliantholdingsltd.com