

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. 30-021-20602
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 1931
8. Well Number 5-3-C
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 CO2 Well <input type="checkbox"/>	
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>C</u> : <u>1080</u> feet from the <u>North</u> line and <u>1980</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>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4482.1	
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:		SUBSEQUENT REPORT OF:	
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

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 NMOCDC guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Vance Vanderburg TITLE Manager DATE 6-22-14

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

For State Use Only

APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR DISTRICT #3 DATE 11/7/14

Conditions of Approval (if any):

AV

Libby Minerals LLC 1931 5-3-C

6/13/14

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

Inspected rig, drill collars, and drill pipe.

6/14/14

Wait on mechanics to change out motor on #1 mud pump.

6/15/14

Wait on mechanics to change out motor on #1 mud pump.

6/16/14

Wait on Mechanics to change out motor on #1 mud pump.

6/17/14

Wait on Mechanics to change out motor on #1 mud pump.

6/18/14

Wait on Mechanics to change out motor on #1 mud pump.

(14:00) Drill 12.25" surface hole from 0' to 560' / Average WOB 12 / 100 RTS / 370 gpm @ 750 psi.

6/19/14

Drill 12.25" surface hole from 560' to 753' / Average WOB 12 / 105 RTS / 385 gpm @ 870 psi.

(02:30) Circulate and condition hole.

(04:30) TOOH

(06:00) Ran 8.625, 24.0 lb/ft, J-55, ST&C, from 10' to 727'.

(09:00) Circulate

(10:30) MIRU O-Tex to pump surface cement job as follows:

Pressure tested lines to 1500 psi. Pumped 10 bbl spacer. Pumped 440 sks of Class C + 2% Calcium chloride cement at 14.8 ppg at 3.5 BPM and 25 psi. Dropped top plug and pumped 43 bbls displacement at 3.5 BPM and 50 psi. Bumped plug to 980 psi. Float held. Circulated a total of 13 bbls to surface. Plug down at 11:45 hours on 6/19/2014. WOC

(16:00) Pressure test surface csg to 850 psi. Held for 30 minutes. Test OK. ✓

(16:30) Remove landing joint and nipple up BOP

(18:30) TIH

(20:00) Drill 7 7/8 production hole from 753' to 945' / Average WOB 6 / 90 RTS / 400 gpm @ 650 psi.

6/20/14

Drill 7 7/8 production hole from 945' to 1050' / Average WOB 6 / 90 RTS / 400 gpm @ 650 psi.

(01:15) Lost circulation. Trip into shoe and pump 50# LCM pill. Regained circulation.

(04:00) TIH

(05:30) Drill 7 7/8 production hole from 1050' to 2140' / Average WOB 7 / 90 RTS / 377 gpm @ 945 psi.

06/21/14

Drill 7 7/8 production hole from 2140' to 2194' / Average WOB 11 / 90 RTS / 370 gpm @ 980 psi.

(01:30) Circulate and condition hole.

(02:30) TOOH

(05:30) MIRU Weatherford wire line.

(09:00) Ran 5 ½ casing as follows: 5.5", 15.5#, J-55, 8 RD, casing from 8' to 2173'

(13:30) Circulate and Condition hole

(14:00) MIRU O-Tex to pump cement as follows:

Pressure tested lines to 2500 psi. Pump 10 bbls spacer. Pumped 245 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 50 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 3 bpm at 40 psi. Dropped top plug. Displaced cement with 51 bbls water at 3 bpm and 70 psi. Bumped plug at 1100 psi.. Float equipment held. Circulated 50 bbls to surface. Plug down at 16:00 hours on 6/21/14. Nipple down BOP equipment and clean pits and location.

(20:00) Test 5 ½ csg to 1000 psi. Held for 30 minutes. Test OK. ✓

Rig released at 21:00 hours on 06/21/14. ✓