Submit 3 Copies To Appropriate District State of New Mexico Form C-103 Office May 27, 2004 Energy, Minerals and Natural Resources District I WELL API NO. 1625 N. French Dr., Hobbs, NM 88240 30-045-30835 District II **OIL CONSERVATION DIVISION** 1301 W. Grand Ave., Artesia, NM 88210 5. Indicate Type of Lease **District III** 1220 South St. Francis Dr. STATE 🛛 FEE  $\square$ 1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, NM 87505 6. State Oil & Gas Lease No. District IV 1220 S. St. Francis Dr., Santa Fe, NM E-3150 87505 7. Lease Name or Unit Agreement Name 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 WF State 36 PROPOSALS.) 8. Well Number 4 1. Type of Well: Oil Well Gas Well 🛛 Other 9. OGRID Number 2. Name of Operator Lance Oil & Gas Company 10. Pool name or Wildcat 3. Address of Operator **Basin Fruitland Coal** P.O. Box 70 Kirtland, NM 87417 4. Well Location <u>1309</u> Unit Letter : 1362 feet from the north line and feet from the west line 36 Township 30N Range 15W NMPM San Juan County Section 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5310' GL Pit or Below-grade Tank Application 🔲 or Closure 🔲 Depth to Groundwater\_ Distance from nearest fresh water well\_ Distance from nearest surface water\_ Pit Liner Thickness: 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 PLUG AND ABANDON REMEDIAL WORK ALTERING CASING TEMPORARILY ABANDON **CHANGE PLANS** COMMENCE DRILLING OPNS. P AND A  $\bowtie$ **PULL OR ALTER CASING** MULTIPLE COMPL П CASING/CEMENT JOB Downhole Commingle OTHER: П 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. RCVD APR23'07 DIL CONS. DIV. On March 5-19, 2007 the WF State 36 #4 was P&A'd per the following: DIST. 3 27 bbls of water was pumped into the well bore. Cement plug #1 was 55 sacks from 631-571 feet. Perforated casing from 550-551' GL. Milled the casing and flushed cuttings from 504-537' GL. Cement plug #2 was 32 sacks from 571-387 feet. Successfully pressure tested well bore above the 387' TOC Cement plug #3 was 30 sacks from 387 feet to surface. Good cement came out the casing valve. A P&A marker was installed. 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 belowgrade tank has been/will be constructed or closed according to NMOCD guidelines [], a general permit [] or an (attached) alternative OCD-approved plan []. **SIGNATURE** TITLE Production Engineer DATE 4/18/2007 Type or print name Tod H. Haanes E-mail address: tod.haanes@anadarko.com Telephone No. (505) 598-5601 ext. 15564 For State Use Only TITLE DATE APR 2 3 2007 hling APPROVED BY: Conditions of Approval (if any):

## A-PLUS WELL SERVICE, INC.

P.O. BOX 1979 Farmington, New Mexico 87499 505-325-2627 \* fax: 505-325-1211

Lance Oil and Gas Company, Inc. WF State 36 #4

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1362' FNL & 1309' FWL, Section 36, T-30-N, R-15-W San Juan County, NM Lease Number: E-3150 API #30-045-30835

**Plug & Abandonment Report** 

### Summary:

3/5/07 MOL and RU. RU Advanced Safety (H2S supervision). Check well pressure: tubing, 0 PSI; casing, 25 PSI; and H2S, 6 ppm. Blow well down to pump truck tubs. Unhang well. Unseat pump. LD polish rod. TOH and LD 4 - ¾" pony rods, 20 - ¾" rods and 2" x 1.25" x 12' insert pump. Load casing with 20 bbls of water. ND wellhead. NU 5.5" tubing head and 8.625" companion flange. NU BOP. Unland well. TOH and LD 17 joints 2.375" tubing with SN on bottom. ND BOP. NU wellhead. RD. MOL.

3/6/07 Unload rods and tubing at Lance yard.

3/7/07 MOL and RU. Check well pressures: casing, 20 PSI; bradenhead, 0 PSI; and H2S, 2 ppm. Advanced Safety on location. Blow well down. ND wellhead. NU 5.5" tubing, 8.625" companion flange and BOP. RU Jet West. Run Gamma-Neutron and Directional Survey logs. Tag fill at 631'. Found coal seams 428' to 434' and 513' to 534' GL. Well has 8' deviation. RD Jet West. Tally and PU 2.375" workstring in hole to 631'. Load casing with 11 bbls water and circulate clean with 16 bbls of water. Plug #1 spot 5 sxs Type III cement (7 cf) inside casing from 631' to 557' to cover the Pictured Cliffs interval.

PUH to 571' and reverse circulate casing clean. John Mercier, BHP Billiton, requested perforation instead of section mill at 550' to 551'. TOH with tubing. Shut in well. Mix 20 sxs Bentonite Gel and 5 sxs Soda Ash with 90 bbls of water in rig pit. RU power swivel. SDFD.

3/8/07 Open well, no pressures. No H2S observed. Advanced Safety on location. RIH with HSC gun and tag cement at 571'. Perforate 4 holes at 550' to 551' GL. Load 4.5" x 7" annulus with ½ bbl water. Unable to pressure test due to casing head leak. Estimate TOC at 12'. PU 3.875" Baker section mill, bit sub and 6 – 3.125" drill collars and TIH to 500' GL. Establish circulation with mud. Section mill out casing from 504' to 505.5' GL. Lost pump pressure. PU on string and found string weight at 2000 PSI; was 5000 PSI. TOH with 3 joints tubing and 16' tubing piece; clean break. PU 3.875" overshot with grapple and RIH to TOF at 86'. POH with 6' piece in overshot. TIH and latch onto fish. TOH and LD 2.375" tubing on float. Stand back BHA. Tally and TIH with 2.875" PAC drill pipe with BHA. Find milled out section at 505' GL. PUH 20'. SI well, SDFD.

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### Work Summary – Continued:

- 3/9/07 Open well, no pressures. No H2S. Advanced Safety on location. Establish circulation at 505' GL and begin section milling. Drill out to 506' GL. Establish circulation; arms on section mill will not kick out. TOH with tubing and BHA. Repair mill. TIH with drill pipe and BHA. Mill out casing from 506' to 508' GL. Circulate clean. TOH with drill pipe and LD BHA. Note: Section mill has a scored bottom. SDFD.
- 3/12/07 Open well, no pressures. No H2S. Release Advanced Safety until next well. PU new 3.875" section mill with 3.875" tapered mill, bit sub and TIH with 3.125" drill collars and drill pipe. Establish circulation. Mill out casing from 508' to 513' GL. Note: returns are metal cuttings and coal. Circulate well clean. TOH with drill pipe and LD BHA. Note: Section mill has large pieces of casing in it. Shut in well. SDFD.
- 3/13/07 Open well, no pressures. No H2S. PU 3.875" section mill with tapered mill on bottom, bit sub and TIH with 3.125" drill collars and drill pipe. Establish circulation at 2.5 bpm. Section mill casing from 513' to 515' GL. Circulate hole clean. TOH with drill pipe and BHA. Note: blade on arm broke off. PU modified section mill, bit sub, 3.125" drill collars and TIH with drill pipe. Establish circulation 2.5 bpm. Mill out casing from 515' to 518' GL. Circulate well clean. PUH 25'. Shut in well. SDFD.
- 3/14/07 Open up well, no pressures. No H2S. RIH to 518' and establish circulation 2 bpm. Section mill casing from 518' to 526' GL. Circulate hole clean. TOH with drill pipe and LD BHA. Note: broken arm on section mill. Shut in well. SDFD.
- 3/15/07 Open up well, no pressures. No H2S. TOH. PU new 3.875" section mill, bit sub, 3.125" drill collars and TIH with drill pipe to 526'. Establish circulation 2.5 bpm. Section mill 4.5" casing from 526' to 534.5' GL. Circulate hole clean. LD 1 joint and PU next joint. Shut in well. SDFD.
- 3/16/07 Open up well, no pressures. No H2S. TOH with drill pipe and LD BHA. Note: arm broken on section mill. PU new 3.875" redressed section mill, bit sub, 3.125" drill collars and TIH with drill pipe to 534'. Establish circulation 2.5 bpm. Section mill 534.5' to 537' GL. Circulate hole clean. TOH and LD drill pipe and BHA. Tally and PU 2.375" tubing workstring. TIH and tag 3' fill on Plug #1 at 568'. Pump 15 bbls of water to circulate hole clean.

Plug #2 mix and pump 32 sxs Type III cement (42 cf) with 15% salt from 568' to 99' to cover Pictured Cliffs and Fruitland tops. TOH with 18 joints tubing. Load casing with 2 bbls of water. Close rams and pump 2.5 bbls of water; squeeze 15 sxs outside 4.5" casing and leave 17 sxs inside casing to 335'. Shut in well with 300 PSI on casing. SDFD.

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#### Work Summary - Continued:

3/19/07 Open up well, no pressures. No H2S. TIH with tubing and tag cement at 387' GL. Circulate well clean with 6 bbls of water. Pressure test casing to 500 PSI for 10 minutes.

**Plug #3** mix and pump 30 sxs Type III cement 40 cf) inside casing from 381' to surface, circulate good cement out casing valve.

TOH and LD tubing. Dig out and cut off wellhead. Found cement down 15' in 7" annulus and 20' in 4.5' casing. RD rig. Dig out wellhead. Issue Hot Work Permit. Cut off wellhead. Mix 15 sxs Type III cement and install plate style P&A marker. MOL.

- J. Hoffman, Baker Tools fisherman, was on location.
- T. Erwin, Lance Oil & Gas representative, was on location.
- K. Roberts, NMOCD representative, was on location.

I hereby certify that the forgoing is true and correct:

Original signed

William F. Clark

President

A-Plus Well Service, Inc.