

submitted in lieu of Form 3160-5

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Sundry Notices and Reports on Wells

SEP 12 2008

Bureau of Land Management
Farmington Field Office

1. Type of Well
Gas

5. Lease Number
NMNM-011639

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

2. Name of Operator
Kimbell Oil Company of Texas

8. Well Name & Number
Liberman No. 2

3. Address & Phone No. of Operator
777 Taylor Street, Suite P-IIA, Fort Worth, Texas 76102 817-335-2591

9. API Well No.
30-039-06134

Location of Well, Footage, Sec., T, R, M
900' FSL and 990' FWL, Section 4, T25N, R7W

10. Field and Pool
Basin Fruitland Coal

11. County & State
Rio Arriba County, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

The above described well was plugged and abandoned on August 29, 2008 per the attached report.

RCVD SEP 18 '08

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct.

Signed

William F. Clark
William F. Clark

Title

Contractor

Date

August 29, 2008

(This space for Federal or State Office use)

APPROVED BY

Title

CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

Date

SEP 15 2008

FARMINGTON FIELD OFFICE

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

A-PLUS WELL SERVICE, INC.

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

Kimbell Oil Company

September 8, 2008

Liberman #2

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900' FSL & 990' FWL, Section 4, T-25-N, R-7-W

Rio Arriba County, NM

Lease Number: NMNM-011639

Plug & Abandonment Report

API #30-039-06134

Notified BLM on 8/25/08

Plugging Summary:

08/26/08 MOL and RU rig. Check well pressures: tubing, 20 PSI; casing and bradenhead, 0 PSI. Lay relief lines to pit. Blow well down. Load tubing with 10 bbls of water. PU on tubing. Remove slips and bowl. Strip on 8.625" companion flange and BOP. Work packer free. TOH and tally 70 joints total 2.375" tubing, SN and 1 – 4' sub, AD-1 packer at 1589'. Tubing started blowing with 20 joints out. Load tubing with 10 bbls of water. Shut in well. SDFD.

08/27/08 Open well, no pressure. TIH with 5.5" casing scraper with 4.75" bit to 2156'. PU 2 joints, no fill. EOT at 2217'. TOH with tubing and LD scraper. TIH with 5.5" DHS CR and set at 2156'. Pressure test tubing to 1000 PSI, held OK. Sting out of CR. Load casing with 60 bbls of water and circulate well clean. Attempt to pressure test casing, no test. Establish rate 1 bpm at 500 PSI. Sting into CR. Establish rate below CR 1-1/2 bpm at 200 PSI.

Plug #1 with CR at 2156', mix and pump 75 sxs Class B cement (89 cf) with 2% CaCl₂, squeeze 35 sxs below CR and leave 40 sxs inside casing above CR from 2215' up to 1854' to isolate the Fruitland Coal interval.

TOH with tubing. WOC. Attempt to pressure test 5.5" casing. Establish rate 1-1/2 bpm at 400 PSI. Light blow on bradenhead. RIH with wireline and tag cement at 1778'. Perforate 3 holes at 1723'. TIH with 5.5" DHS CR and set at 1653'. Sting out of CR. Load hole with 2-1/2 bbls of water. Attempt to pressure test casing, no test. Establish rate 1-1/2 bpm at 400 PSI. Sting into CR. Establish rate into squeeze holes 1/4 bpm at 1000 PSI. Steve Mason, BLM representative, approved procedure change to pump 100' of cement on top of CR and perforate again at 1517'.

Plug #2 with CR at 1653', spot 12 sxs Class B cement (15 cf) inside casing from 1653' up to 1548' to cover the Ojo Alamo top.

TOH with tubing. Load casing with 45 bbls of water. Circulate well clean. Shut in well. WOC overnight.

08/28/08 Open well, no pressure. Casing on vacuum. TIH and tag cement at 1589'. PUH to 1462'. Load hole with water. Attempt to pressure test 5.5" casing, no test. Establish rate 1-1/2 bpm at 400 PSI. Perforate 3 holes at 1517'. TIH with 5.5" DHS CR and set at 1462'. Sting out of CR. Load hole with water and attempt to pressure test casing above CR, no test. Establish rate 1-1/2 bpm at 400 PSI. Sting into CR. Attempt to establish rate into squeeze holes, unable to establish rate. Pressured up to 1200 PSI with very little bleed off. Wait on orders. Steve Mason, BLM representative, approved procedure change to fill casing from 1462' up to 550' in 2 stages and attempt to cover holes in casing.

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Farmington, New Mexico 87499

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Lieberman #2

September 8, 2008
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Plugging Summary – Continued:

08/28/08 **Plug #3** with CR at 1462', spot 90 sxs Class B cement (107 cf) with 2% CaCl₂ inside casing from 1462' up to 667'.

TOH and LD all tubing. WOC. Attempt to pressure test casing, no test. Tag cement at 785'. Perforate 3 holes at 200'. Load hole with 4 bbls of water and establish circulation out the bradenhead.

Plug #4 spot 85 sxs Class B cement (101 cf) inside casing, ran out of cement. Unable to circulate returns out bradenhead. Displace with 4 bbls down to 168'. Shut in well. WOC.

08/29/08 Open well, no pressure. TIH and tag cement at 190'. Load casing with 1-1/2 bbls of water. Attempt to pressure test 5.5" casing, pressured up to 400 PSI for 1 minute, then bled down to 0 PSI. Load 3 bbls of water and establish circulation out the bradenhead. Circulate well clean with 2 additional bbls of water.

Plug #4a mix and pump 145 sxs Class B cement (172 cf) inside casing from 190' to surface, circulate good cement out casing. Shut in well. Got light cement out bradenhead, then lost circulation. Squeeze 40 sxs with ending squeeze pressure 200 PSI, bleed off pressure.

TOH and LD all tubing. ND BOP. Dig out wellhead. Monitor atmosphere. Issue Hot Work Permit. Cut off wellhead. Found cement down 20' in the 5.5" casing and down 60' in the annulus.

Ran in with 1" PVC to 60' with 15 sxs Class B cement and install P&A marker.

Cut off anchors.

RD and MOL.

Cliff Ollom, BLM representative, was on location.