

submitted in lieu of Form 3160-5

2005 JAN 11 24
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Sundry Notices and Reports on Wells

1. **Type of Well**
Gas

2. **Name of Operator**
Kimbell Operating Company

3. **Address & Phone No. of Operator**
777 Taylor Street, Suite P-IIA, Ft. Worth, TX 76102 (817)335-2591

4. **Location of Well, Footage, Sec., T, R, M**
790' FWL & 790' FSL, Section 35, T-25-N, R-6-W

5. **Lease Number**
NMSF-079139(WC)

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

8. **Well Name & Number**
No. 3 Federal A

9. **API Well No.**
30-039-05710

10. **Field and Pool**
Basin Dakota

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

Kimbell Operating Company plugged and abandoned this well on October 21, 2005 per the attached report.

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

Signed

Jonathan M. Stickland

Title

Operations Engineering

Date

12/7/05

(This space for Federal or State Office use)

APPROVED BY

Title

Date

CONDITION OF APPROVAL, if any:

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.

JAN 04 2006

NMOC

ADMINISTRATIVE

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 * fax: 505-325-1211

Kimbell Operating Company
Federal A #3 (3-35)

November 4, 2005

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790' FWL & 790' FSL, Section 35, T-25-N, R-6-W
Rio Arriba County, NM
Lease Number: NMSF 079139 (WC)
API #30-039-05710

Plug & Abandonment Report

Work Summary:

Notified BLM on 10/24/05

10/21/05 MOL and RU rig.

10/24/05 Open up well; no pressure. Put 1.25" clamps on coiled tubing. PU to 15,000# on tubing and attempt to work free. RU Wireline Specialty. Pull 30,000# on tubing to get tools down; found tubing free at 5900'. RIH and jet cut tubing at 5900'. RD Wireline Specialty. Work tubing free pulling 38,000#; land in slips. RU Silverado coiled tubing unit; couldn't pull tubing. LD 225' coiled tubing with rig; string weight 10,000#. RU coiled tubing unit and splice onto tubing. Pull on tubing; pulled out of splice. SDFD.

10/25/05 Spool tubing out of hole. RD coiled tubing unit. ND wellhead. Work tubing to free packer. Pull tubing 20,000# over string weight; free at 4564'. Pump 8 bbls of water at 0#. Pump 3 bbls of water at 500# and circulate out bradenhead. SDFD.

10/26/05 RU A-Plus wireline truck. Round-trip 1" sinker bars to 5200'. RIH with 1.75" cutter to 4500' and jet cut tubing. S. Mason, BLM, approved jet cutting tubing and plug #1. TOH and LD 144 joints tubing. Note: 71 joints to 144 showed the tubing collars with very bad corrosion, threads showing. SDFD.

10/27/05 Round-trip 4.5" casing scraper to 4500'. TIH with tubing and set 4.5" DHS cement retainer at 4467'. Load casing with 3 bbls of water and circulate well clean with 80 bbls of water. Attempt to pressure test casing to 1000#; leak 1.5 bpm at 500#. Sting into retainer; pressured up to 2000#. Sting out of retainer. BLM approved procedure change to set inside plug.
Plug #1 with CR at 4467', spot 32 sxs Type III cement (42 cf) from 4467' to 4000' to isolate Dakota and Gallup intervals.
LD 15 joints tubing and reverse circulate well clean with 20 bbls. TOH with tubing 20 joints tubing. SDFD.

10/28/05 RIH and tag cement at 4039'. TOH with tubing and LD stinger. Perforate 3 squeeze holes at 3978'. TIH with 4.5" DHS cement retainer and set at 3932'. Attempt to pressure test casing, leak 1.5 bpm at 500#. Establish rate 1 bpm at 1000# into squeeze holes.
Plug #2 with CR at 3932', mix and pump 50 sxs Type III cement (66 cf), squeeze 35 sxs outside casing from 3978' to 3878' and leave 15 sxs inside casing to 3756' to cover the Mesaverde top. PUH and WOC. SDFD.

10/31/05 RIH and tag cement at 3767'. TOH with tubing. Perforate 3 squeeze holes at 3270'. TIH with 4.5" DHS cement retainer and set at 3209'. Attempt to pressure test casing, leak 1.5 bpm at 500#. Establish rate into squeeze holes 1 bpm at 1000#.
Plug #3 with CR at 3209', mix and pump 50 sxs Type III cement (66 cf) with 2% CaCl₂, squeeze 35 sxs outside from 3270' to 3170' and leave 15 sxs inside casing to 3047' to cover the Chacra top. PUH and WOC. RIH and tag cement at 3047'. PUH to 2611'.
Plug #4 with 21 sxs Type III cement (28 cf) inside casing from 2611' to 2298' to cover the Pictured Cliffs top. Note: extra cement due to casing leak. PUH and WOC. SDFD.

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Work Summary Continued:

- 11/1/05 RIH and tag cement at 2348. Attempt to pressure test casing, leak 0.5 bpm at 500#. TOH with tubing. Perforate 3 squeeze holes at 2239'. TIH with 4.5" DHS cement retainer and set at 2170'. Attempt to pressure test casing, leak 1.5 bpm at 500#. Establish rate into squeeze holes 1 bpm at 1500#.
Plug #5 with CR at 2170', mix and pump 213 sxs Type III cement (281 cf), squeeze 175 sxs outside from 2239' to 1732' and leave 38 sxs inside casing up to 1682' to cover the Fruitland, Kirtland and Ojo Alamo tops.
PUH and WOC. RIH and tag soft cement at 1700'. PUH to 1000' and reverse circulate well clean with 20 bbls of water. SDFD.
- 11/02/05 RIH and tag cement at 1624'. TOH and LD tubing. Perforate 3 squeeze holes at 518'. Attempt to establish circulation out bradenhead with 100 bbls of water; 1 bpm at 500#, pressured up. TIH with tubing and set 4.5" DHS cement retainer at 472'. Attempt to pressure test casing above CR, leak 1.5 bpm at 500#. Establish circulation into squeeze holes at 518' 1.5 bpm at 500#.
Plug #6 with CR at 472', mix and pump 46 sxs Type III cement (61 cf), squeeze 36 sxs outside casing from 518' to 418' and leave 10 sxs inside casing to cover the Nacimiento top.
TOH and LD tubing. SDFD.
- 11/03/05 RIH and tag cement at 356'. TOH and LD tubing. Perforate 3 squeeze holes at 296'. Establish circulation out bradenhead with 5 bbls of water. Circulate bradenhead annulus clean with 40 bbls of water.
Plug #7 mix and pump 126 sxs Type III cement (166 cf) down 4.5" casing from 296' to surface, circulate good cement out bradenhead; note: started with good circulation out the bradenhead at 250# when mixing; then after 106 sxs cement away pressure increased to 2000#; continued to squeeze another 20 sxs outside the casing.
Shut in well for one hour. ND BOP. Dig out and cut off wellhead. Found cement at surface in both the casing and BH annulus. Mix 20 sxs Type III cement and install P&A marker.
RD and MOL.
Oscar Torres, BLM representative, was on location.