

submitted in lieu of Form 3160-5

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

1. Type of Well
OIL

2. Name of Operator
Billco Energy

3. Address & Phone No. of Operator
JAECO, PO Box 710, Dulce, NM 87528 505.759.3224

Location of Well, Footage, Sec., T, R, M

1785' FSL and 1840' FEL, Section 26, T-28-N, R-1-W,

5. Lease Number
Cont. #240
6. If Indian, All. or
Tribe Name
Jicarilla Apache
7. Unit Agreement Name
8. Well Name & Number
Boulder #4
9. API Well No.
30-039-07232
10. Field and Pool
Boulder Mancos
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

A-Plus Well Service, as sub-contractor to Jicarilla Apache Energy Corporation, contractor to the BIA, plugged and abandoned this well on August 29, 2003 per the attached report.

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

Signed: William F. Clark Title Sub-contractor Date September 22, 2003
William F. Clark, President

(This space for Federal or State Office use)

APPROVED BY /s/ David R. Sitzler

Title

Division of Multi-Resources

Date OCT 3 2003

CONDITION OF APPROVAL, if any:

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

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

Billco Energy

Boulder Mancos #4

1785' FSL & 1840' FEL, Section 26, T-28-N, R-1-W

Rio Arriba County, NM

Lease Jicarilla Contract #240

API Number: 30-039-07232

August 31, 2003

Page 1 of 2

Plug & Abandonment Report

Cementing Summary:

Plug #1 with retainer at 3730', mix and pump 55 sxs cement, squeeze 45 sxs below retainer to fill Gallup perforations and to cover then Gallup top, the 5-1/2" casing shoe and the 4" liner top, then leave 10 sxs cement above retainer up to 3640'.

Plug #2 with no CR, mix and spot 54 sxs cement inside the 5-1/2' casing, TOH with tubing, fill casing with 4.5 bbls water and then squeeze 6.3 bbls; resulted in squeezing 33 sxs outside the 5-1/2" casing from 2750' to 2650' and leaving 18 sxs inside up to 2550'.

Plug #3 with total of 242 sxs cement: 1st mix and pump 197 sxs cement down 5-1/2" casing with good circulation out the bradenhead valve; 2nd then the BH annulus packed off and lost returns, checked BH annulus and found it on vacuum; 3rd connected pump line to BH valve and squeezed 45 sxs cement (100% excess down surface casing shoe).

Plugging Summary:

Notified Jicarilla BLM on 8-19-03

8/20/03 MOL. RU rig. Check well pressures: tubing and casing 150#. SDFD.

8/21/03 Road cement and pump truck to location. SDFD.

8/22/03 Well pressures: tubing and casing 150#, bradenhead is bull plugged on both sides. Layout relief lines to pit. Blow well down. Pump 20 bbls of water down tubing, well on a vacuum. Screw off cap. LD 1 joint of tubing and tubing hanger. Replace wellhead and then NU BOP. PU 2-3/8" tubing workstring and round-trip 5-1/2" casing scraper to 3730'. Kill well with 20 bbls of water. TIH and set 5-1/2" DHS cement retainer at 3730'. Pressure test tubing to 1000#. Load casing with 82 bbls and then pressure test to 650#. Shut in well. SDFD.

8/25/03 Travel to location. Unable to work - too muddy for trucks. SDFD.

8/27/03 Open up well. Establish circulation with immediate returns. Sting into retainer and establish rate into squeeze holes 2 bpm at 0#. Plug #1 with retainer at 3730', mix and pump 55 sxs cement, squeeze 45 sxs below retainer to fill Gallup perforations and to cover the Gallup top, the 5-1/2" casing shoe and the 4" liner top, then leave 10 sxs cement above retainer up to 3640'. TOH with tubing. RU A-Plus wireline truck. Perforate 3 squeeze holes at 2750'. Establish rate into squeeze holes 0# at 2 bpm. TIH with tubing to 2775'. Plug #2 with no CR, mix and spot 54 sxs cement inside the 5-1/2' casing, TOH with tubing, fill casing with 4.5 bbls water and then squeeze 6.3 bbls; resulted in squeezing 33 sxs outside the 5-1/2" casing from 2750' to 2650' and leaving 18 sxs inside up to 2550'. Shut in well and WOC. SDFD.

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

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

Billco Energy

Boulder Mancos #4

1785' FSL & 1840' FEL, Section 26, T-28-N, R-1-W

Rio Arriba County, NM

Lease Jicarilla Contract #240

API Number: 30-039-07232

August 31, 2003

Page 2 of 2

Plug & Abandonment Report

Plugging Summary Continued:

8/28/03 Open up well. RIH with wireline and tag cement at 2406'. PUH and perforate 3 squeeze holes at 500'. Establish circulation out bradenhead with 3.5 bbls of water. Plug #3 with total of 242 sxs cement: 1st mix and pump 197 sxs cement down 5-1/2" casing with good circulation out the bradenhead valve; 2nd then the BH annulus packed off and lost returns, checked BH annulus and found it on vacuum; 3rd connected pump line to BH valve and squeezed 45 sxs cement (100% excess down surface casing shoe). Shut in well and RD pump truck. Check level of cement inside the 5-1/2" casing, it is below 100'. Cement level continued to fall back. Shut in well and WOC. SDFD.

8/29/03 RU wireline truck. TIH and tag cement at 75'. RD floor. ND BOP. Cut off wellhead. RD rig. Found cement down 75' in 5-1/2" casing and an estimate >100' in 8-5/8" x 5-1/2" annulus. Mix 48 sxs cement and fill the 5-1/2" casing and the annulus to surface, and then install P&A marker. MOL.

T. Muniz, JAT representative and L. Lucero, JAECO, were on location.