

RECEIVED

submitted in lieu of Form 3160-5

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

JUN 05 2009  
Bureau of Land Management  
Farmington Field Office

<p>1. <b>Type of Well</b> Gas</p> <p>2. <b>Name of Operator</b> Questar Exploration and Production</p> <p>3. <b>Address &amp; Phone No. of Operator</b> 1070 17<sup>th</sup> Street, Suite 500; Denver, CO 80265</p> <p><b>Location of Well, Footage, Sec., T, R, M</b>  NW, Section 18, T-27-N, R-10-W, 1009' FNL &amp; 1813' FWL</p>	<p>5. <b>Lease Number</b> SF-077875A</p> <p>6. <b>If Indian, All. or Tribe Name</b></p> <p>7. <b>Unit Agreement Name</b></p> <p>8. <b>Well Name &amp; Number</b> U.S. Argo #3</p> <p>9. <b>API Well No.</b> 30-045-25421</p> <p>10. <b>Field and Pool</b> Fulcher-Kutz PC</p> <p>11. <b>County &amp; State</b> San Juan County, NM</p>
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12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

<p><b>Type of Submission</b></p> <p><input checked="" type="checkbox"/> Notice of Intent</p> <p><input type="checkbox"/> Subsequent Report</p> <p><input type="checkbox"/> Final Abandonment</p>	<p><b>Type of Action</b></p> <p><input checked="" type="checkbox"/> Abandonment</p> <p><input type="checkbox"/> Recompletion</p> <p><input type="checkbox"/> Plugging Back</p> <p><input type="checkbox"/> Casing Repair</p> <p><input type="checkbox"/> Altering Casing</p> <p><input type="checkbox"/> Other -</p>	<p><input type="checkbox"/> Change of Plans</p> <p><input type="checkbox"/> New Construction</p> <p><input type="checkbox"/> Non-Routine Fracturing</p> <p><input type="checkbox"/> Water Shut off</p> <p><input type="checkbox"/> Conversion to Injection</p>
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13. Describe Proposed or Completed Operations

Questar Exploration and Production proposes to plug and abandon the above well per the attached Plug and Abandonment Procedure.

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DIST. 3

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

Signed William F. Clark Title Acting as Agent for Questar Date 6/3/09  
William F. Clark

(This space for Federal or State Office use)  
APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date JUN 10 2009  
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.

NMOCB

8/6/29

# A-PLUS WELL SERVICE, INC.

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

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May 27, 2009

## Questar Exploration and Production

1070 17<sup>th</sup> Street, suite 500  
Denver, CO 80265  
Attn: Megan Starr

Re: Estimate -

**U.S. Argo #3**

NW, Section 18, T27N, R10W  
San Juan County, NM

Pictured Cliffs Well

Gentlemen:

A-Plus Well Service is pleased to provide you with this cost estimate to plug and abandon the referenced well. We have evaluated the attached plugging procedure and **A-Plus** agrees to provide:

- a steel pit to hold waste fluid and solids from this well,
- a double drum pulling unit with crew (20 rig hours),
- crew travel (6 hours and 120 miles),
- cement services (cement 3 days and 120 miles travel)
- 40 sxs cement,
- one 2.875" wireline set CIBP,
- perforations (once, if necessary),
- storage tank and water,
- wellhead removal,
- and an installed P&A marker,

necessary for the plugging of this well.

It is our understanding that **Questar** would provide: rig anchors, tubing workstring and disposal of waste fluids and solids from this well.

A-Plus estimates the cost to plug the referenced well at **\$15,625.00 plus tax**. If needed, additional cement is \$13.50 per sack, FOB location and a 2.875" wireline set cement retainer is \$750.00 plus setting charge.

Please review this proposal and advise us of any questions you may have. This cost estimate is based on the information that you have provided and the planned plugging procedure. In the event the planned procedure is modified or deviated from, then any additional work or services provided by A-Plus will be paid for by the operator in accordance with A-Plus' current price schedule.

We look forward to the opportunity to work for you.

Sincerely,

*Bill Clark*

# A-PLUS WELL SERVICE BID WORK SHEET

Well Name: U.S. Argo #3  
 Location: \_\_\_\_\_  
 Operator: Qwestar

Date: May 27, 2009  
 Casing: 2 875  
 Tubing: 1"  
 Rods: \_\_\_\_\_

**MOVE IN / MOVE OUT**

Mob/Demob (Full \$820, Limited \$320)

Out of State Permits

\$	840

**TRUCKING**

Haul tank - RU truck \$120/hr Haul drilling Equipment  
 Haul tank - Helper \$28/hr  
 Water hauling \$74/hr  
 Haul tubing - RU truck \$120/hr  
 Haul tubing - Helper \$28/hr  
 Water

Desc: \_\_\_\_\_

6.00			\$	720
6.00	hrs		\$	168
8.00	hrs		\$	592
			\$	-
	hrs		\$	-
Desc: _____				

**CONTRACTOR SERVICES**

Full Package \$266/hr  
 P&A Package \$250/hr  
 Rigless \$130/hr  
 Crew Pickup, to/from \$1.10/mile  
 Crew Travel \$110/hr  
 Fifth Hand (required) \$26/hr  
 P&A Marker \$140/marker

**Rentals:**

Steel waste pit. \$50 per day  
 Portable toilet \$24 per day  
 Float \$20 per day - Gooseneck - tool trailer  
 \$40 per day with handrails  
 Water Tank \$30 per day  
 BOP \$140 per day  
 Companion Flange/Wellhead  
 A-Plus Work Tbg (0 40/ft for first 5 days, + 0.07/day)  
 Elev/Slips/Rams

Desc: \_\_\_\_\_

	hrs		\$	-
20.00	hrs		\$	5,000
	hrs		\$	-
125.00	miles		\$	137.50
6.00	hrs	y/n	\$	660
	hrs		\$	-
y			\$	140
3.00			\$	150
3.00			\$	72
	days		\$	-
3.00			\$	120
3.00	days		\$	90
	days		\$	-
1.00	days		\$	100
	days		\$	-
Desc: _____ feet				

**CASED HOLE SERVICES**

Travel - Wireline Truck \$3 40/mile round trip  
 Travel - Pick up \$1.10/mile round trip  
 Perforating \$720 HSC, \$635 BW /ea

Wireline Operator \$200/day  
 Scraper or Gauge Ring 4.5" & 5.5" \$300 / 7" \$620  
 Wireline CR Size/Depths: \_\_\_\_\_" / \_\_\_\_\_ft

(2-7/8"-\$750, 3-1/2"-\$750, 4-1/2"-\$950, 5-1/2"-\$950, 7" \$1350, 7-5/8" \$1650)

Wireline BP Size/Depths: 2 875" / 600ft / retainer 1 bridge plugs  
 Size/Depths: \_\_\_\_\_" / \_\_\_\_\_ft / retainer \_\_\_\_\_ bridge plugs

Jet Cut Tbg \$900/ea Size: \_\_\_\_\_" tbg jet cuts  
 Casing Shot or Jet Cut \$980/ea Size: \_\_\_\_\_" csg jet cuts

Depth Charge \$0.15/ft, \$200 min \_\_\_\_\_ft 1,548  
 Tubing Set CR Size/Depths: \_\_\_\_\_" / \_\_\_\_\_ft retainer \_\_\_\_\_ retainers  
 Size/Depths: \_\_\_\_\_" / \_\_\_\_\_ft retainer \_\_\_\_\_ retainers

(2-7/8"-N/A, 3-1/2" N/A, 4-1/2"-\$1120, 5-1/2"-\$1150, 7"-\$1400, 7-5/8"-\$1770)

Packer/RBP/Other: \_\_\_\_\_

**CEMENTING SERVICES**

Pump Truck Travel, to / from location, miles: \$3.70/mile

Cementer daily charge \$550/day

Cementer est mileage \$1.10/mile

Sxs per plug: \_\_\_\_\_

Total sxs

Plug pump charges.

Drayage (\$1.20/ton-mile)

Other Items \_\_\_\_\_

20		\$	74.00
3	Days	\$	1,650
125	Estimated miles	\$	137.50
40	\$13.75/sx	\$	550.00
3	\$410/plug pumped	\$	1,230
25	Estimated miles	\$	56.40

Anchors / Earthen Pit / Salvage:

haul steel waste tank t loc, haul to land farm

\$	1,000
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Bid Total with out tax: \$ 15,625

# U.S. Argo #3

## Current

Fulcher-Kutz Pictured Cliffs

1009' FNL & 1813' FWL, Section 18, T-27-N, R-10-W, San Juan County, NM

Lat: \_\_\_\_\_ / Long: \_\_\_\_\_ / API 30-045-25421

Today's Date: 5/27/09  
Spud. 8/30/82  
Comp: 10/23/82  
Elevation. 5824' GL

8.75" Hole

TOC @ Surface, circulated  
per completion report

7" 24#, K-55 Casing set @ 92'  
Cement with 50 sxs, circulated to surface

Ojo Alamo @ 555'

Kirtland @ 675'

1" Tubing at 1615'  
(49 jts, IJ tubing)

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Fruitland @ 1268'

Pictured Cliffs @ 1589'

5.125" Hole

Pictured Cliffs Perforations:  
1598' - 1627'

2 875" 6.5#, N-80 Casing @ 1785'  
Cement with 250 sxs (347 cf)  
Circulated to Surface

1800' TD  
1755' PBTD

## PLUG AND ABANDONMENT PROCEDURE

May 27, 2009

### U.S. Argo #3

Fulcher-Kutz Pictured Cliffs  
1009' FNL and 1813' FWL, Section 18, T-27-N, R-10-W  
San Juan County, NM / API 30-045-25421  
Lat: N \_\_\_\_\_ / Long: W \_\_\_\_\_

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.8 ppg with a 1.18 cf/sx yield.

1. This project will use A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes \_\_\_\_\_, No X, Unknown \_\_\_\_\_;  
Tubing: Yes X, No \_\_\_\_\_, Unknown \_\_\_\_\_, Size 1", Length 1615';  
Packer: Yes \_\_\_\_\_, No \_\_\_\_\_, Unknown \_\_\_\_\_, Type \_\_\_\_\_.  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **Plug #1 (Pictured Cliffs perforations and Fruitland top, 1548' – 1218')**: TIH and set 2.875" wireline CIBP at 1548'. TIH with 1.25" tubing workstring. Load casing with water and circulate well clean. Pressure test casing to 800#. *If the casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 11 sxs Class B cement and spot a balanced plug inside the casing above the CIBP to isolate the Pictured Cliffs interval and cover the Fruitland top. PUH with tubing.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 725' – 505')**: Mix 8 sxs cement and spot a balanced plug inside casing to cover through the Kirtland and Ojo Alamo tops. PUH with tubing.
6. **Plug #3 (7" casing shoe and Surface, 142' – 0')**: Attempt to pressure test the bradenhead annulus to 300#. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 10 sxs Class B cement and spot a balanced plug from 142' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing and the annulus.
7. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

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## U.S. Argo #3

### Proposed P&A

Fulcher-Kutz Pictured Cliffs

1009' FNL & 1813' FWL, Section 18, T-27-N, R-10-W, San Juan County, NM

Lat: \_\_\_\_\_ / Long: \_\_\_\_\_ / API 30-045-25421

Today's Date: 5/27/09

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Elevation: 5824' GL

8.75" Hole

Ojo Alamo @ 555'

Kirtland @ 675'

Fruitland @ 1268'

Pictured Cliffs @ 1589'

5.125" Hole

1800' TD  
1755' PBD

TOC @ Surface, circulated  
per completion report.

7" 24#, K-55 Casing set @ 92'  
Cement with 50 sxs, circulated to surface

Plug #3: 142' - 0'  
Class B cement, 10 sxs

Plug #2: 725' - 505'  
Class B cement, 8 sxs

Plug #1: 1548' - 1218'  
Class B cement, 11 sxs

Set CIBP @ 1548'

Pictured Cliffs Perforations:  
1598' - 1627'

2.875" 6.5#, N-80 Casing @ 1785'  
Cement with 250 sxs (347 cf)  
Circulated to Surface