

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

**ORIGINAL
INVOICE**

August 2, 2004

New Mexico Oil Conservation Division**Aztec District**

1000 Rio Brazos Road
Aztec, NM 87410

Invoice #3403
PO #04-199-000613



1 of 2

Rig #9

Horseshoe Gallup #23 Well
API #30-045-10388

Plugging Cost Summary:

ID#	Date	Item Description	Units	Unit Cost	Extension
Workover Rig, Travel and Supervision:					
A1	7/28/04	Contractors Supervisor / Cementer	0.5	\$ 250.00	\$ 125.00
A1	7/29/04	Contractors Supervisor / Cementer	1.0	\$ 250.00	\$ 250.00
A2	7/28/04	Crew travel, one way	1.0	\$ 112.00	\$ 112.00
A2	7/29/04	Crew travel, round trip	2.0	\$ 112.00	\$ 224.00
A3	7/28/04	Shallow Rig	6.5	\$ 140.00	\$ 910.00
A3	7/29/04	Shallow Rig	9.25	\$ 140.00	\$ 1,295.00
Cementing Services:					
B1	7/28/04	Cementing equipment on location	0.5	\$ 450.00	\$ 225.00
B1	7/29/04	Cementing equipment on location	1.0	\$ 450.00	\$ 450.00
B3	7/29/04	Cement, 85 sxs Type III = 95.1 sxs Type II	95.1	\$ 10.50	\$ 998.55
B3	7/29/04	Cement, set marker, 10 sxs Type III = 11.2 sxs	11.2	\$ 10.50	\$ 117.60
Wireline Services:					
C1	7/29/04	Wireline unit on location, used	1.0	\$ 250.00	\$ 250.00
C3	7/29/04	Perforate squeeze holes at 154'	1.0	\$ 300.00	\$ 300.00
Packers, Retainers & Casing Scrapers:					
D3	7/29/04	Cement retainer, tubing set, 5-1/2"	1.0	\$ 900.00	\$ 900.00
D4	7/29/04	Casing scraper rental, 5-1/2"	1.0	\$ 250.00	\$ 250.00
Workstrings & Miscellaneous Rentals:					
E1.1	7/29/04	Workstring rental, 2-3/8, feet	1113	\$ 0.12	\$ 133.56
E6.3	7/28/04	Companion flange rental, 5-1/2"	1.0	\$ 50.00	\$ 50.00
E7.1	7/28/04	Tubing Head for 5-1/2" casing	1.0	\$ 100.00	\$ 100.00
E14	7/28/04	Waste fluid container, days used	2.0	\$ 30.00	\$ 60.00

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Rig #9

Aztec, NM 87410

Horseshoe Gallup #23 Well

API #30-045-10388

Plugging Cost Summary:

ID#	Date	Item Description	Units	Unit Cost	Extension
Continued:					
Transportation and Miscellaneous Services:					
F1.a	7/28/04	Unit #141, Haul waste pit # 525 and workstring	1.0	\$ 74.00	\$ 74.00
F1.b	7/29/04	Unit #141, Move workstring into position	2.0	\$ 74.00	\$ 148.00
F4	7/28/04	Float #99, Move and hold workstring;	2.0	\$ 15.00	\$ 30.00
F3.c	7/28/04	Unit #19, Haul tubing from location to A+ yard;	1.0	\$ 50.00	\$ 50.00
F6.a	7/28/04	Unit #255, Haul 2 loads of water to central tank	5.0	\$ 50.00	\$ 250.00
F14	7/28/04	Purchase 2 loads of water above	2.0	\$ 20.00	\$ 40.00
F6.b	7/28/04	Unit #134, Hold water for p&a work	1.0	\$ 50.00	\$ 50.00
F6.c	7/29/04	Unit #134, Haul 2 loads of water to location	2.0	\$ 50.00	\$ 100.00
F6.d	7/28/04	Unit #155, Haul / hold waste water from steel pit	1.0	\$ 50.00	\$ 50.00
F6.e	7/29/04	Unit #155, receive waste water from steel pit;	2.0	\$ 50.00	\$ 100.00
F7.a	8/2/04	Unit #24/BH, Clean location and remove junk	3.0	\$ 50.00	\$ 150.00
F2.a	8/2/04	Helper for above	3.0	\$ 20.00	\$ 60.00
F11	7/28/04	P&A marker, purchase	1.0	\$ 120.00	\$ 120.00
Salvage Credit:					
S1		Salvage, 2-3/8" EUE tubing, 37 joints	1147	\$ 0.80	\$ (917.60)
				TOTAL	\$ 7,055.11
				TAX 6.375%	\$ 449.76

THANK YOU**TOTAL DUE \$ 7,504.87**

OK for Payment
Charles Derrin
9-14-04

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

COPY

1. **Type of Well**
WIW

2. **Name of Operator**
Vulcan Minerals & Energy, c/o NMOCD Aztec District Office

3. **Address & Phone No. of Operator**
1000 Rio Brazos Road, Aztec, NM 87410 505-334-6178

4. **Location of Well, Footage, Sec., T, R, M**
2080' FNL and 1980' FWL, Section 29, T-31-N, R-16-W,

5. **Lease Number**
BIA #14-20-603-734

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

7. **Unit Agreement Name**
Horseshoe Gallup Unit

8. **Well Name & Number**
HSGU #23

9. **API Well No.**
30-045-10388

10. **Field and Pool**
Horseshoe Gallup Unit

11. **County & State**
San Juan 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 Plugged and Abandoned the above well NMSA 1978, Section 13-1-127, Purchase Agreement: 04-521-0700028; Purchase Document: 04-199-000613.

7/28/04 MOL. RU rig. Relief line to steel pit. No well pressure. ND wellhead. Release packer. NU BOP with flange and tubing head, test. Pull up 8'. Packer hung up. Tried to work packer free. Pump 15 bbls water down tubing and circulated out casing. Tried to work packer free. Pump 1/2 bbl down casing. Pressured up to 500#. Pull up to 55,000#; sheared packer. LD tubing and packer mandrel. SI well.

7/29/04 No pressure. PU and TIH with 35 joints 2-3/8" A+ workstring and round-trip 5-1/2" casing scraper to 1113'. TIH with tubing and 5-1/2" DHS cement retainer to 1113'. Sting out of retainer. Load casing and circulate well clean with 26 bbls of water. Pressure test casing to 500# for 5 minutes, held OK. Sting into retainer and inject fluid from pit below retainer, displace to CR. Sting out of retainer. Plug #1 with CR at 1113', spot 38 sxs (50 cf) cement inside casing above CR up to 747' to isolate the Gallup interval. TOH and LD tubing. Perforate squeeze holes at 154'. Establish circulation out bradenhead with 3 bbl of water. Pump additional 8 bbls of water to circulate BH annulus clean. Plug #2 with 47 sxs (62 cf) cement pump down 5-1/2" casing from 154' to surface, circulate good cement out bradenhead. ND BOP. Dig out and cut off wellhead. Found cement 15' in the 5-1/2" casing in the casing and at the surface in the annulus. Mix 10 sxs (13 cf) cement to fill casing and install P&A marker. RD and MOL. H. Villanueva, NMOCD; W. Ashley, Navajo Minerals; G. Shay, Navajo Minerals; and V. Jameson, BLM were on location.

SIGNATURE William F. Clark Contractor

August 15, 2004

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

22879

Company PLAYA MINERALS & ENERGY

Flange
Tubing head

Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	MIKE HIGDON	#21		
Operator	TRAVIS BEGAY	#19		7.5
Helper	LORENZO RODRIGUEZ			7.5
Helper	ADAN REYES			7.5
Helper	CHRIS ALVAREZ			7.5
Trainee	ELVIS WILLETTO			7.5

Rig No. #9Date 07/29 Day THUWell Name HORSESHOE GALLUP UNIT #23Company PLAYA MINERALS & ENERGY

1.0 TH

FROM	TO	DESCRIPTION OF OPERATION
5:30	5:45	LOAD RIG SUPPLIES
5:45	6:45	TRAVEL TO LOCATION
6:45	7:15	START RIG AND EQUIPMENT. HELD PRE-JOB SAFETY MEETING
7:15		OPEN WELL (NO PRESSURE)
		PICK UP AND TIE 5 1/2" CSG SCRAPER AND 35 ITS 2 1/8" A-PLUS
	8:15	WORK STRING. EOT @ 1113' <i>Work string</i>
8:15	9:00	TOH/TBG AND SCRAPER.
9:00	9:45	TIE 5 1/2" DHS CRT AND TBG. SET CRT @ 1113'. STING OUT OF CRT.
9:45		CIRCULATE HOLE CLEAN/26 BBLs FRESH WATER. PRESSURE TEST CSG TO
	10:15	500 PSI. HELD PRESSURE 5 MIN. NO PRESSURE LOSS. BLEED PRESSURE OFF.
10:15		STING INTO CRT. INJECT FLUID FROM PIT BELOW CRT. DISPLACE/FRESH
	11:15	WATER. STING OUT OF CRT.
11:15		PLUG #1 - MIX AND PUMP 38 SXS (50 FT ³) 9.8 CMT FROM 1113' TO TOC @ 797'
	11:45	DISPLACE.
11:45	12:30	LAY DOWN TBG AND STINGER.
12:30		RIG UP WIRELINE. RIH/WIRELINE. PERFORATE 2-1 1/16" BI-WIRE SHOTS @
	1:00	154'. POH/WIRELINE. RIG DOWN WIRELINE.
1:00		PUMP 3 BBLs WATER DOWN CSG TO CIRCULATE OUT BRADENHEAD.
	1:30	CIRCULATE CLEAN/AN ADDITIONAL 8 BBLs WATER.
1:30		PLUG #2 - MIX AND PUMP 47 SXS (62 FT ³) 9.7 CMT DOWN CSG TO CIRCULATE
	2:00	GOOD CMT OUT BRADEN HEAD.
2:00	2:30	NIPPLE DOWN BOP.
2:30		DIG OUT AND CUT OFF WELLHEAD. CMT @ 15' IN 5 1/2" CSG
	3:00	PLACE P+A MARKER/10 SXS CMT @ SURF IN 8 5/8" CSG
3:00	4:00	RIG DOWN. CUT OFF RIG ANCHORS
4:00	5:00	TRAVEL TO YARD
		HENRY VILLANUEVA/NMOLD GARY SHAY/NAVAJO MINERALS
		WALLACE ASHLEY/NAVAJO MINERALS

9.14
hu
Rig

1 m T

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers 5 1/2" DHS @ 1113'

Cementing PLUG #1 - 38 SXS PLUG #2 - 47 SXS P+A MARKER/10 SXS

Wireline 2-1 1/16" BI-WIRE SHOTS @ 154' (MH.)

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	MIKE HIGDON	#21		
Operator	TRAVIS BEGAY #221 IN AND FILL	#19		12.5
Helper	LORENZO RODRIGUEZ			11.5
Helper	ADAN REYES			11.5
Helper	CHRIS MONTANEZ			11.5
Trainee				

A-Plus Well Service, Inc.

P.O. Box 1979, Farmington, NM 87499
505-325-2627

6351

Date: _____

Truck #: 141

Event: #1	From: HGU #11	To: HGU #23	Hours
Start:	What: HAUL FLOAT #98/A-PLUS WORK STRING AND PIT #525		
07/28/04	TO LOCATION		
Stop:	Charge to: NMOCED		1.0
Event: #2	From: HGU #23	To:	
Start:	What: STANDBY RIGUP TRUCK		
07/29/04			
Stop:	Charge to: NMOCED		2.0
Event: #3	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #4	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #5	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #6	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #7	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #8	From:	To:	
Start:	What:		
Stop:	Charge to:		
	Driver: MIKE HIGDON		3.0
Diesel:	Helper		
Oil:	NM MILES: _____	CO MILES: _____	UT MILES: _____
Remarks:	F4- Float Rental		
	2 day w/ Work String		

F1.2

F1.6

F4

A-Plus Well Service, Inc.

P.O. Box 1979, Farmington, NM 87499
505-325-2627

6328

Date: 7-28-01

Truck #: #19

F3.C

Event: #1	From: <u>H.G.U. # 23 Hugel</u>	To: <u>Farmington (YARD)</u>	Hours
Start: <u>4:00</u>	What: <u>Brought in 36 from H.G.U. # 11 and 37 joints from H.G.U. # 23</u>		<u>2</u>
Stop: <u>6:00</u>	Charge to: <u>NMUCD</u>		
Event: #2	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #3	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #4	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #5	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #6	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #7	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #8	From:	To:	
Start:	What:		
Stop:	Charge to:		
Driver:	<u>Adan Reyes</u>		
Diesel:	Helper <u>Crew</u>		
Oil:	NM MILES: _____	CO MILES: _____	UT MILES: _____
Remarks:	<u>Drove nicely</u>		
	<u>NMUCD HSCU # 23</u>		
	<u>Haul 37 joints to Aplus yard</u>		

$\frac{1}{2}$
2 hrs.
1 hr.

A-Plus Well Service, Inc.

P.O. Box 1979, Farmington, NM 87499

505-325-2627

6377

Date: 7-28-04

Truck #: 255

Event: #1	From: <u>A-Plus Yard</u>	To:	Hours
Start: <u>6:30</u>	What: <u>Pre Trip Insp</u>		<u>.5</u>
Stop: <u>7:00</u>	Charge to: <u>NMOC</u>		
Event: #2	From: <u>A-Plus Yard</u>	To: <u>HSG units</u>	<u>9.5</u>
Start: <u>7:00</u>	What: <u>Haul 4 loads City water</u>		
Stop: <u>4:30</u>	Charge to: <u>NMOC</u>		
Event: #3	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #4	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #5	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #6	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #7	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #8	From:	To:	
Start:	What:		
Stop:	Charge to:		
Driver:	<u>Samuel S. Stuart</u>		<u>10</u>
Diesel:	Helper		
Oil:	NM MILES: <u>204</u>	CO MILES: _____	UT MILES: _____
Remarks:			
	<u>NMOC</u> <u>HSG #23</u>		
	<u>Haul 2 loads water</u>		
	<u>Purchase 2 loads water @ 20.00</u>		

10 hrs

FG.2

1/2

= 5 hrs

1/2

5 hrs

\$ 20.00

F14

A-Plus Well Service, Inc.

P.O. Box 1979, Farmington, NM 87499
505-325-2627

6352

Date: _____

Truck #: 134

Event: #1	From: HGU # 11	To: HGU # 23	Hours
Start:	What: ROAD TO LOCATION AND STANDBY/FRESH WATER		
07/28/09			
Stop:	Charge to: NMOC		1.0
Event: #2	From: HGU # 23	To:	
Start:	What: HAUL 2 LOADS FRESH WATER AND STANDBY		
07/29/09			
Stop:	Charge to: NMOC		2.0
Event: #3	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #4	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #5	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #6	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #7	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #8	From:	To:	
Start:	What:		
Stop:	Charge to:		
	Driver: MIKE HIGDON		3.0
Diesel:	Helper		
Oil:	NM MILES: _____	CO MILES: _____	UT MILES: _____
Remarks:			

F6.b
F6.C

A-Plus Well Service, Inc.

P.O. Box 1979, Farmington, NM 87499
505-325-2627

6353

Date: _____

Truck #: 155

Event: #1	From: HGU #11	To: HGU #23	Hours
Start:	What: ROAD TO LOCATION STANDBY FOR DISPOSAL		
07/28/04			
Stop:	Charge to: NMOC		1.0
Event: #2	From: HGU #23	To:	
Start:	What: STANDBY FOR DISPOSAL		
07/29/04			
Stop:	Charge to: NMOC		2.0
Event: #3	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #4	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #5	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #6	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #7	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #8	From:	To:	
Start:	What:		
Stop:	Charge to:		
	Driver: MIKE HIGDON		3.0
Diesel:	Helper		
Oil:	NM MILES: _____ CO MILES: _____ UT MILES: _____		
Remarks:			

F6.d
F6.e

A-Plus Well Service, Inc.

P.O. Box 1979, Farmington, NM 87499
505-325-2627

6320

Date: 8-2-04

Truck #:

24/BH

Event: #1	From: A-P-W	To: HSGU # 26	Hours
Start: 5:30	What: CLEAN LOCATION REMOVE TRASH & CEMENT		
	S LEVEL LOCATION TOOK TRASH TO INJECTION SITE		3
Stop: 8:30	Charge to:		
Event: #2	From: HSGU # 26	To: HSGU # 23	
Start: 8:30	What: CLEAN S LEVEL LOCATION REMOVE TRASH		3
	S CEMENT TOOK TRASH TO INJECTION SITE		
Stop: 11:30	Charge to:		
Event: #3	From: HSGU # 23	To: HSGU # 11	
Start: 11:30	What: CLEAN S LEVEL LOCATION REMOVE TRASH & CEMENT		4.5
	TOOK TRASH TO INJECTION SITE		
Stop: 4:00	Charge to:		
Event: #4	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #5	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #6	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #7	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #8	From:	To:	
Start:	What:		
Stop:	Charge to:		
	Driver: DUANE GUSTIN		10.5
Diesel: 29.5	Helper FLOYD BEGAY		10.5
Oil:	NM MILES: 71	CO MILES: _____	UT MILES: _____
Remarks:	46 HWY 25 DIRT		
	HSGU # 11 HAD A 2" PIPE ONLY ABOUT A FOOT BELOW		
	GROUND THAT HAD TO BE CUT UP & REMOVED 90'		
	NMOCD	HSGU # 23	

3 hrs

F.72

3 hrs.

F.22

Clean location & haul trash to
Injection site
Helper 3 hrs.

A-PLUS WELL SERVICE, INC.**COPY**

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

August 30, 2004

CAVE Enterprises
PO Box 79
Flora Vista, NM 87415

Rig #9

Invoice #3438

For used tubing from **Horseshoe Gallup Unit** wells, located in T31N, R16W, San Juan County, NM.

This material was credited to NMOCD on the appropriate invoice.

Cost Summary:

HSGU Well	Feet	Type and Size	Value	Salvage
#11	1116	36 joints 2-3/8" tubing	\$ 0.80	\$ 892.80
#23	1147	37 joints 2-3/8" tubing	\$ 0.80	\$ 917.60
#25	1333	43 joints 2-3/8" tubing	\$ 1.20	\$ 1,599.60
#33	1302	42 joints 2-7/8" tubing, NU	\$ 0.80	\$ 1,041.60
#33	52	pieces 5/8" used rods	\$ 2.00	\$ 104.00
#39	1240	40 joints 2-3/8" tubing	\$ 0.70	\$ 868.00
#39	50	pieces 3/4" used rods	\$ 5.00	\$ 250.00
#19	1178	38 joints 2-3/8" tubing, heavy paraffin	\$ 0.70	\$ 824.60
#66	1178	38 joints 2-3/8" tubing, heavy paraffin	\$ 0.70	\$ 824.60
				\$ 7,322.80

NM TAX Exempt - Resale

THANK YOU**TOTAL DUE \$ 7,322.80**