

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

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

May 20, 2004

New Mexico Oil Conservation Division
Aztec District
 1000 Rio Brazos Road
 Aztec, NM 87410

Invoice 3316

1 of 2

Rig #9



For the plug and abandonment of the **HSGU #17**, a Gallup well located in NE, Section 31, T-31-N, R-16-W, San Juan County, NM. Review report for work details. This work done under NMOCD PA: 41-521-07-00028; Purchase Doc.: 04-199-000549.

Cost Summary:

ID#	Date	Item Description	Units	Unit Cost	Extension
Workover Rig, Travel and Supervision:					
A1	5/17/04	Contractors Supervisor / Cementer	0.5	\$ 250.00	\$ 125.00
A1	5/18/04	Contractors Supervisor / Cementer	1.0	\$ 250.00	\$ 250.00
A2	5/17/04	Crew travel, one way	1.0	\$ 112.00	\$ 112.00
A2	5/18/04	Crew travel, round trip	2.0	\$ 112.00	\$ 224.00
A3	5/17/04	Shallow Rig	4.50	\$ 140.00	\$ 630.00
A3	5/18/04	Shallow Rig	11.75	\$ 140.00	\$ 1,645.00
Cementing Services:					
B1	5/17/04	Cementing equipment on location	0.5	\$ 450.00	\$ 225.00
B1	5/18/04	Cementing equipment on location	1.0	\$ 450.00	\$ 450.00
B3	5/18/04	Cement, 81 sxs Type III = 90.6 sxs Type II	90.6	\$ 10.50	\$ 951.30
B3	5/18/04	Cement, set marker, 8 sxs III = 8.9 sxs Type II	8.9	\$ 10.50	\$ 93.45
Wireline Services:					
C1	5/18/04	Wireline unit on location, used	1.0	\$ 250.00	\$ 250.00
C3	5/18/04	Perforate squeeze holes at 152'	1.0	\$ 300.00	\$ 300.00
Packers, Retainers & Casing Scrapers:					
D3	5/18/04	Cement retainer, tubing set, 5-1/2"	1.0	\$ 900.00	\$ 900.00
D4	5/18/04	Casing scraper rental, 5-1/2"	1.0	\$ 250.00	\$ 250.00
Workstrings & Miscellaneous Rentals:					
E1.1	5/18/04	Workstring rental, 2-3/8, feet	1049	\$ 0.12	\$ 125.88
E6.3	5/18/04	Companion flange rental, 5-1/2"	1.0	\$ 50.00	\$ 50.00
E14	5/18/04	Waste fluid container, days used	2.0	\$ 30.00	\$ 60.00

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Cost Summary:

Continued:

ID#	Date	Item Description	Units	Unit Cost	Extension
Transportation and Miscellaneous Services:					
F1.a	5/17/04	Unit #141, Haul waste pit # 515 and workstring	2.0	\$ 74.00	\$ 148.00
F1.b	5/18/04	Unit #141, Move workstring into position	2.0	\$ 74.00	\$ 148.00
F1.c	5/19/04	Unit #24, Haul tubing from well to A+ yard	2.0	\$ 50.00	\$ 100.00
F1.d	5/20/04	Unit #24, Haul tubing from A+ yard to Cave	1.25	\$ 50.00	\$ 62.50
F2	5/20/04	Helper for above	1.25	\$ 20.00	\$ 25.00
F4	5/20/04	Float with workstring, rental	2.0	\$ 15.00	\$ 30.00
F6.a	5/18/04	Unit #265, Haul 1.5 loads of water to central tank	5.25	\$ 50.00	\$ 262.50
F14	5/18/04	Purchase water, above	1.5	\$ 20.00	\$ 30.00
F6.b	5/17/04	Unit #255, Haul 1 load of water to location	2.0	\$ 50.00	\$ 100.00
F6.c	5/18/04	Unit #255, Haul 1 load of water to location	2.0	\$ 50.00	\$ 100.00
F6.d	5/17/04	Unit #155, Haul / hold waste water from steel pit	2.0	\$ 50.00	\$ 100.00
F6.e	5/18/04	Unit #155, Haul / hold waste water from steel pit	2.0	\$ 50.00	\$ 100.00
F7	5/19/04	B-hoe, Clean up location and wellhead	3.25	\$ 50.00	\$ 162.50
F2	5/19/04	Helper for B-hoe, pick up trash and load junk	3.25	\$ 20.00	\$ 65.00
F11	4/26/04	P&A marker, purchase	1.0	\$ 120.00	\$ 120.00

Third Party Services:

Salvage Credit:

S1	Salvage, 2-3/8" EUE tubing, 35 joints, fiberglass lined	1085	\$ 0.70	\$ (759.50)
TOTAL				\$ 7,310.63
TAX 6.3750%				\$ 466.05

THANK YOU

*ok for payment
Charles T. Penley
6-10-04*

TOTAL DUE \$: 7,776.68

DEPUTY OIL & GAS INSPECTOR DIST 85

ORIGINAL SIGNED BY CHARLES T. PENLEY

submitted in lieu of Form 3160-5

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

COPY

<p>1. Type of Well WIW</p> <hr/> <p>2. Name of Operator Vulcan Minerals & Energy, c/o NMOCD, Aztec District Office</p> <hr/> <p>3. Address & Phone No. of Operator 1000 Rio Brazos Road, Aztec, NM 87410 505-334-6178</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M 660' FNL, 1980' FEL, Sec. 31, T31N, R16W</p>	<p>5. Lease Number 14-20-603-734</p> <p>6. If Indian, All. or Tribe Name Navajo</p> <p>7. Unit Agreement Name Horseshoe Gallup Unit</p> <p>8. Well Name & Number HGU #17</p> <p>9. API Well No. 30-045-10224</p> <p>10. Field and Pool Horseshoe Gallup</p> <p>11. County & State San Juan County, NM</p>
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12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

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

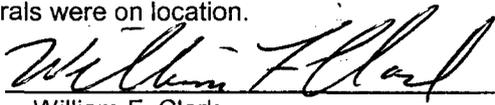
13. Describe Proposed or Completed Operations

A-Plus Well Service Plugged and Abandoned the above well NMSA 1978, Section 13-1-127, Purchase Agreement Number: 41-521-0700028, Purchase Document 04-199-000549.

5/17/04 MOL. RU. Layout relief line to steel pit. Blow well down. ND wellhead. Release packer. NU BOP with companion flange, test. SI well. SDFD.

5/18/04 Held JSA. TOH and LD 35 joints 2-3/8" tubing and 5-1/2" packer. TIH with 33 joints A+ workstring and round-trip 5-1/2" casing scraper to 1049'. TIH and set 5-1/2" DHS CR at 1049'. Sting out of CR and circulate well clean with 25 bbls of water. Pressure test casing to 500#, held OK. Plug #1 with CR at 1049', spot 37 sxs Type III cement inside casing above CR up to 693' to isolate Gallup interval. RU A-Plus wireline truck. Perforate 2 squeeze holes at 150'. Establish circulation out bradenhead with 4 bbls water. Circulate BH annulus clean with additional 7 bbls water. Plug #2 with 44 sxs Type III cement pumped down the 5-1/2" casing from 151' to surface, circulate good cement out bradenhead. ND BOP. Dig out and cutoff wellhead. Found cement at surface in 5-1/2" casing and at surface in annulus. Mix 8 sxs Type III cement to install P&A marker. RD and MOL.

H. Villanueva, NMOCD, L. Lee, Navajo EPA, James Walker, U.S. EPA, and Wallace Ashley, Navajo Minerals were on location.

SIGNATURE  Contractor May 31, 2004

William F. Clark

(This space for Federal or State Office use)
 APPROVED BY _____ Title _____ Date _____
 CONDITION OF APPROVAL, if any: _____

Daily Report

A - PLUS WELL SERVICE

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

22414

Rig No. #9

Date 05/18/04 Day TUE

Well Name HORSESHOE CALLIP UNIT #17 Company PLAYA MINERALS & ENERGY % NMOCD

1 mt

11 3/4
mt

1 mt

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	8:00	OPEN WELL (NO PRESSURE). FLOWING OIL. PUMP 10 BBLs WATER. CIRC OIL OUT.
8:00	8:45	LAY DOWN 35 JTS - 2 3/8" TBG AND 5 1/2" AD-1 PKR.
8:45		PICK UP AND TIE / 5 1/2" CSC SCRAPER AND 33 JTS - 2 3/8" A-PLUS WORKSTRING.
	9:15	EOT @ 1049'
9:15	10:00	TOH / TBG AND SCRAPER
10:00	10:45	TIE / 5 1/2" DHS CRT AND TBG. SET CRT @ 1049'. STING OUT OF CRT.
10:45		PUMP 25 BBLs FRESH WATER TO CIRCULATE HOLE CLEAN.
		PRESSURE TEST CSG TO 500 PSI. HELD PRESSURE 5 MIN. NO PRESSURE LOSS.
		BLEED PRESSURE OFF.
		STING INTO CRT. PUMP CONTENTS OF PIT BELOW CRT. DISPLACE /
	12:00	FRESH WATER. STING OUT OF CRT.
12:00		PLUG #1 - MIX AND PUMP 37 SXS TYPE III ^{14.8} CMT FROM 1049' TO TOC @ 693'
	12:30	DISPLACE.
12:30	1:15	LAY DOWN TBG AND STINGER.
1:15		RIG UP WIRELINE. RIH / WIRELINE. PERFORATE 2 - 2 1/8" B1-WIRE SHOTS @
	2:00	150' POH / WIRELINE. RIG DOWN WIRELINE.
2:00		PUMP 3 1/2 BBLs WATER DOWN CSG TO CIRCULATE OUT BRADENHEAD.
	2:15	CIRCULATE CLEAN / AN ADDITIONAL 7 BBLs.
2:15		PLUG #2 - MIX AND PUMP 44 SXS ^{14.8} CMT (TYPE III) DOWN CSG TO CIRCULATE GOOD
	2:45	CMT OUT BRADENHEAD.
2:45	3:15	NIPPLE DOWN BOP.
3:15		DIG OUT AND CUT OFF WELLHEAD. CMT @ SURF IN 5 1/2" CSG
	5:00	PLACE P+A MARKER / 8 SXS CMT @ SURF IN 8 5/8" CSG
5:00	6:30	RIG DOWN. CUT OFF RIG ANCHORS.
6:30	7:30	TRAVEL TO YARD (HENRY UILLANUEVA / NMOCD) ON (JAMES WALKER / US EPA LERDY LEE / NAVAJO EPA (LOCATION) WALLACE ASHLEY / NAVAJO MINERALS

Fuel & Motor Oil _____ Water Hauled _____
 Rental Equipment _____ Cement Retainers 5 1/2" DHS @
 Cementing PLUG #1 - 37 SXS TYPE III PLUG #2 - 44 SXS TYPE III P+A MARKER / 8 SXS
 Wireline 2 - 2 1/8" B1-WIRE SHOTS @ 150' (M.H.)

1 day

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	MIKE HIGDON	#21		
Operator	JESUS JACOBO	#19		14.0
Helper	LORENZO RODRIGUEZ			14.0
Helper	ADAN REYES			14.0
Helper	CHRIS MONTANEZ			14.0
Trainee				

A-Plus Well Service, Inc.

6022

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

Date: _____

Truck #: 141

Event: #1	From: HGU #29	To: HGU #17	Hours
Start:	What: HAUL FLOAT #98/A-PLUS WORK STRING AND STEEL PIT		
05/17/04	#215 TO LOCATION AND SPOT IN PLACE		
Stop:	Charge to: PLAYA MINERALS & ENERGY % NMOCED		2.0
Event: #2	From: HGU #17	To:	
Start:	What: STANDBY FOR RIG W/ TRUCK		
05/18/04			
Stop:	Charge to: PLAYA MINERALS & ENERGY % 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		
Diesel:	Helper		
Oil:	NM MILES: _____	CO MILES: _____	UT MILES: _____
Remarks:			

F1.2

F1.6

A-Plus Well Service, Inc.

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

6066

NO CRY

Date: 5-20-04

Truck #: 24

Event: #1	From: A-P-W	To: CAVE PIPE YARD	Hours
Start: 2:00	What: LOAD UNIT 87 & PRE TRIP TRAILOR		
			1.75
Stop: 2:45	Charge to: NM OCO		
Event: #2	From: A-P-W	To: CAVE	
Start: 2:45	What: DRIVE TO CAVE		.5
Stop: 3:15	Charge to: NM OCO		
Event: #3	From: CAVE PIPE YARD	To:	
Start: 3:15	What: WAIT & THEN UNLOAD		.75
Stop: 4:00	Charge to: NM OCO		
Event: #4	From: CAVE	To: A-P-W	
Start: 4:00	What: DRIVE BACK YARD		.5
Stop: 4:30	Charge to: NM OCO		
Event: #5	From:	To:	
Start:	What:		
Stop:	Charge to:		
Event: #6	From: HSGU #17	To: A+ Yard	
Start:	What: Haul 35 JTS 2 3/8" Tbg		
Stop:	Charge to:		
Event: #7	From:	To: 2 hrs	
Start:	What:		
Stop:	Charge to:		
Event: #8	From:	To:	
Start:	What:		
Stop:	Charge to:		
	Driver: DUANE GUSTIN		2.5
Diesel:	Helper JASON BIZZELL		2.5
Oil:	NM MILES: 16 CO MILES: UT MILES:		
Remarks:	HSGU #17	NMOCO	
	Haul 2 3/8" tubing to Cave Ent		
	for A+ yard		

5/19
/04

1/2 of
2.5 hrs

F.I.C

F.I.d
1.25 hrs

\$20.00/hr Swampen

A-Plus Well Service, Inc.

6031

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

Date: 5-18-07

Truck #: 265

Event: #	From:	To:	Hours
Event: #1	From: <u>A-plus</u>	To:	
Start: <u>5:30</u>	What: <u>Free CK 265</u>		
			<u>.5</u>
Stop: <u>6:00</u>	Charge to: <u>N.M. D.C.D.</u>		
Event: #2	From: <u>A plus hydrant</u>	To: <u>Horseshoe Gallup</u>	
Start: <u>6:00</u>	What: <u>hauled 1 load from Farmington</u>		<u>8.5</u>
	<u>hauled 2 loads from Shiprock</u>		
Stop: <u>2:30</u>	Charge to: <u>N.M. D.C.D.</u>		
Event: #3	From: <u>Horseshoe Gallup</u>	To: <u>A-plus</u>	
Start: <u>3:30</u>	What:		
	<u>Load Time in</u>		<u>1.5</u>
Stop: <u>4:00</u>	Charge to: <u>N.M. D.C.D.</u>		
Event: #4	From: <u>A-plus</u>	To: <u>Harris Trading</u>	
Start: <u>4:00</u>	What:		
	<u>Filled 120 with cement</u>		<u>1</u>
Stop: <u>5:00</u>	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>Lukoy Marc</u>		<u>11.5</u>
Diesel:	Helper: <u>60 Dnt</u>		
Oil:	NM MILES: <u>76</u>	CO MILES: _____	UT MILES: _____
Remarks:			
	<u>NM D.C.D. H66-U #17</u>		
	<u>Haul 1 1/2 loads #20 to location</u>		
	<u>1 1/2 Purchase Water</u>		

10.5 hrs

F6.2

5.25 hrs.

F14

A-Plus Well Service, Inc.

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

6023

Date: _____

Truck #: 255

Event: #1	From: HGU #29	To: HGU #17	Hours
Start:	What: HAUL 1 LOAD FRESH WATER AND STANDBY		
	5/17/04		
Stop:	Charge to: PLAYA MINERALS & ENERGY % NMCD		2.0
Event: #2	From: HGU #17	To:	
Start:	What: STANDBY FOR FRESH WATER		
	05/18/04		
Stop:	Charge to: PLAYA MINERALS & ENERGY % NMCD		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		
Diesel:	Helper		
Oil:	NM MILES: _____	CO MILES: _____	UT MILES: _____
Remarks:			

FG. b
FG. c

A-Plus Well Service, Inc.

6024

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

Date: _____

Truck #: 155

Event: #1	From: HGU #29	To: HGU #17	Hours
Start:	What: ROAD TO LOCATION		
05/17/04	STANDBY FOR DISPOSAL		
Stop:	Charge to: PLAYA MINERALS & ENERGY % NMOC D		2.0
Event: #2	From: HGU #17	To:	
Start:	What:		
05/18/04	STANDBY FOR DISPOSAL		
Stop:	Charge to: PLAYA MINERALS & ENERGY % NMOC D		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		
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

6064

NO CMV

Date: 5-18-04

Truck #: 24

Event: #	From:	To:	Hours
Event: #1	From: <u>HSGU # 30</u>	To:	
Start: <u>5:30</u>	What: <u>CLEAN LOCATION</u>	<u>DONE</u>	
			3.25
Stop: <u>8:45</u>	Charge to:		
Event: #2	From: <u>HSGU # 29</u>	To:	
Start: <u>8:45</u>	What: <u>CLEAN LOCATION</u>	<u>DONE</u>	
			3.25
Stop: <u>12:00</u>	Charge to:		
Event: #3	From: <u>HSGU # 17</u>	To:	
Start: <u>12:00</u>	What: <u>CLEAN LOCATION</u>	<u>"DONE"</u>	
			3.25
Stop: <u>3:15</u>	Charge to:		
Event: #4	From: <u>HSGU # 8</u>	To:	
Start: <u>3:15</u>	What: <u>CLEAN LOCATION</u>	<u>DONE</u>	
			3.25
Stop: <u>6:30</u>	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>DUANE GUSTIN</u>		13
Diesel: <u>10.6</u>	Helper: <u>JASON BIRZELL</u>		13
Oil:	NM MILES: <u>50</u>	CO MILES: _____	UT MILES: _____
Remarks:	<u>30000 22 DIRT</u>		
	<u>NMOCN HSGU # 17</u>		
	<u>Clean location</u>		

↓
3.25 hrs.
↑

F.7

3.25 hrs.

Helper 3.25 hrs. F.2

A-PLUS WELL SERVICE, INC.

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

May 31, 2004

CAVE Enterprises
PO Box 79
Flora Vista, NM 87415

Invoice #3329-A

Rig #9

S-1

For used tubing from **Horseshoe Gallup Unit** wells, located in Section 30 and 31, 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
#16	1085	35 joints 2-3/8" tubing, fiberglass lined	\$ 0.70	\$ 759.50
#17	1085	35 joints 2-3/8" tubing, fiberglass lined	\$ 0.70	\$ 759.50
#27	1240	35 joints 2-3/8" tubing,	\$ 0.80	\$ 868.00
#29	1240	40 joints 2-3/8" tubing,	\$ 0.80	\$ 992.00
#14	1178	38 joints 2-3/8" tubing, heavy paraffin	\$ 0.60	\$ 706.80
#15	1085	35 joints 2-3/8" tubing, paraffin inside	\$ 0.70	\$ 759.50
#128	1023	33 joints 2-3/8" tubing, paraffin inside	\$ 0.70	\$ 716.10
				<u>\$ 5,561.40</u>

NM TAX Exempt - Resale

TOTAL DUE \$ 5,561.40

THANK YOU