

A-PLUS WELL SERVICE, INC.

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

COPY

April 14, 2004

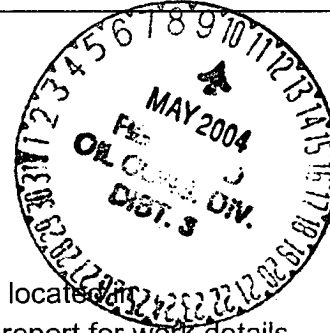
New Mexico Oil Conservation Division**Aztec District**

1000 Rio Brazos Road
 Aztec, NM 87410

Invoice 3286

1 of 2

Rig #9



For the plug and abandonment of the **HSGU #244**, a Gallup well located in SE, Section 4, T-30-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.: 04-199-00064.

549

Cost Summary:

ID#	Date	Item Description	Units	Unit Cost	Extension
Workover Rig, Travel and Supervision:					
A1	4/7/04	Contractors Supervisor / Cementer	0.5	\$ 250.00	\$ 125.00
A1	4/8/04	Contractors Supervisor / Cementer	0.5	\$ 250.00	\$ 125.00
A1	4/12/04	Contractors Supervisor / Cementer	1.0	\$ 250.00	\$ 250.00
A2	4/7/04	Crew travel, one way	1.0	\$ 112.00	\$ 112.00
A2	4/8/04	Crew travel, round trip time	2.0	\$ 112.00	\$ 224.00
A2	4/12/04	Crew travel, round trip time	2.0	\$ 112.00	\$ 224.00
A3	4/7/04	Shallow Rig	6.50	\$ 140.00	\$ 910.00
A3	4/8/04	Shallow Rig	4.75	\$ 140.00	\$ 665.00
A3	4/12/04	Shallow Rig	10.25	\$ 140.00	\$ 1,435.00
Cementing Services:					
B1	4/7/04	Cementing equipment on location	0.5	\$ 450.00	\$ 225.00
B1	4/8/04	Cementing equipment on location		\$ 450.00	\$ -
B1	4/12/04	Cementing equipment on location	1.0	\$ 450.00	\$ 450.00
B3	4/12/04	Cement, plug #1, plug #2, sxs	89	\$ 10.50	\$ 934.50
B3	4/12/04	Cement, set P&A marker, sxs	21	\$ 10.50	\$ 220.50
B5	4/12/04	Calcium Chloride, per pound	80	\$ 0.60	\$ 48.00
Wireline Services:					
C1	4/12/04	Wireline unit on location, used	1.0	\$ 250.00	\$ 250.00
C3	4/12/04	Perforate squeeze holes at 130'	1.0	\$ 300.00	\$ 300.00
Packers, Retainers & Casing Scrapers:					
D3	4/8/04	Cement retainer, tubing set, 5-1/2"	1.0	\$ 900.00	\$ 900.00
D4	4/7/04	Casing scraper rental, 5-1/2"	1.0	\$ 250.00	\$ 250.00
Workstrings & Miscellaneous Rentals:					
E1.1	4/7/04	Workstring rental, 2-3/8, feet	1045	\$ 0.12	\$ 125.40
E6.3	4/7/04	Companion flange rental, 5-1/2"	1.0	\$ 50.00	\$ 50.00
E14	4/7/04	Waste fluid container, days used	2.0	\$ 30.00	\$ 60.00

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New Mexico Oil Conservation Division

2 of 2

Aztec District

1000 Rio Brazos Road
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For the plug and abandonment of the **HSGU #244**, a Gallup well located in SE, Section 4, T-30-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.: 04-199-000613.

Transportation and Miscellaneous Services:

F1.a	4/7/04	Unit #141, Haul A+ workstring/float #98 to loc.	1.5	\$	74.00	\$	111.00
F1.b	4/12/04	Unit #141, standby with float	2.0	\$	74.00	\$	148.00
F1.c	4/7/04	Unit #152, Haul pit # 515 to location	2.0	\$	74.00	\$	148.00
F1.d	4/30/04	Unit #9 & trailer, haul tubing to Cave Ent. yard	1.0	\$	225.00	\$	225.00
F4	4/7/04	Float #98, with workstring, rental	2.0	\$	15.00	\$	30.00
F6.a	4/6/04	Unit #265, Haul 1.5 load of water to central tank	5.5	\$	50.00	\$	275.00
F6.b	4/7/04	Unit #134, Haul load of water to location	1.5	\$	50.00	\$	75.00
F6.c	4/8/04	Unit #134, Haul load of water to location	N/C	\$	50.00		
F6.d	4/12/04	Unit #134, Haul load of water to location	1.5	\$	50.00	\$	75.00
F7.a	4/30/04	B-hoe, Clean up location and wellhead	2.0	\$	50.00	\$	100.00
F11	4/12/04	P&A marker, purchase	1.0	\$	120.00	\$	120.00
F14	4/6/04	Purchase water,	1.5	\$	20.00	\$	30.00

Third Party Charges:

G1

Salvage Credit:

S1	Salvage, 2-3/8" EUE tubing, 36 joints	1116	\$	0.70	\$	(781.20)
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TOTAL	\$	8,439.20
TAX 6.3750%	\$	538.00

TOTAL DUE \$ 8,977.20

THANK YOU

ORIGINAL SIGNED BY CHARLIE T. PERFIN

DEPUTY OIL & GAS INSPECTOR, DIST. 13

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 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 Location of Well, Footage, Sec., T, R, M 1820' FSL and 2130' FEL, Sec. 4, T-30-N, R-16-W,	5. Lease Number SF-081226-B 6. If Indian, All. or Tribe Name 7. Unit Agreement Name Horseshoe Gallup Unit 8. Well Name & Number HGU #244 9. API Well No. 30-045-09884 10. Field and Pool Horseshoe Gallup Unit 11. County & State San Juan County, NM
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12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action
☐ Notice of Intent	☒ Abandonment
☒ Subsequent Report	☐ Recompletion
☐ Final Abandonment	☐ 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, Contract Number: 04-521-07-00028.

4/07/04 MOL & RU. Relief line to steel pit. ND wellhead. Release packer. NU BOP, test. TOH and LD 36 joints 2-3/8" tubing and 5-1/2" AD-1 packer. TIH with 33 joints A+ workstring and round-trip 5-1/2" casing scraper to 1045'. SDFD.

4/08/04 TIH with tubing and set 5-1/2" DHS CR at 1045'. Sting out of CR and load casing with 7 bbls of water. Circulate well clean with additional 23 bbls of water. Attempt to pressure test casing, leak. Sting into retainer and pump fluid below retainer. Attempt to mix cement, insufficient weight. Replace pump.

4/12/04 Open well. Test mix cement 14.8#. Wait on approval from C. Perrin, NMOCD, and J. Walker, EPA to cement. Plug #1 with retainer at 1045', spot 32 sxs 14.8# cement with 2.5% CaCl₂ inside casing above CR up to 768' to isolate Gallup interval. TOH with tubing & WOC. TIH with tubing and tag cement at 812'. H. Villanueva, NMOCD, approved tag. LD tubing. Perforate 2 squeeze holes at 130'. Establish circulation out bradenhead with 3 bbls of water. Circulate annulus clean with additional 5 bbls. Plug #2 with 57 sxs cement pumped down the 5-1/2" casing from 130' to surface, circulate good cement out bradenhead. Shut in well and WOC. ND BOP and dig out wellhead. Cut off wellhead. Found cement down 8' in 5-1/2" casing and at the surface in annulus. Mix 21 sxs cement to fill 5-1/2" casing and install P&A marker. RD and MOL.

L. Lee, Navajo EPA, J. Walker, EPA and H. Villanueva, NMOCD, were on location.

SIGNATURE William F. Clark Contractor

April 30, 2004

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

Date _____

CONDITION OF APPROVAL, if any:

Daily Report

A - PLUS WELL SERVICE

22208

P.O. BOX 1979 • FARMINGTON, NM 87499
505-325-2627 • FAX (505) 325-1211Rig No #9Date 09/12/04 Day MONWell Name HORSESHOE GALLUP UNIT #244Company PLAVA MINERALS & ENERGY COMPANY

16m T

10 1/4 m

1 m T

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)
		ATTEMPT TO MIX CMT. 19.3' / #3 SET 19.8' / #4 SET.
	9:30	WAIT ON OK FROM CHARLIE PERRIN AND JIM WALKER.
9:30		PLUG #1 MIX AND PUMP 32 SXS CMT FROM 1095' TO TOP @ 768' (2.5% CALL)
	10:00	DISPLACE.
10:00	10:30	LAY DOWN 10 JTS. TDH / 10 JTS. SECURE WELL.
10:30	1:00	WOC.
1:00		TIH/TRG. TAG TOC @ 812'. OK'D BY HENRY VILLANUEVA.
	2:00	LAY DOWN TBG.
2:00		RIG UP WIRELINE. RIH / WIRELINE. PERFORATE 2 - 2 1/8" BI-WIRE SHOTS @ 130'.
	2:05	POH / WIRELINE. RIG DOWN WIRELINE.
2:05		PUMP 3 1/2 BBLs WATER DOWN CSG TO CIRCULATE OUT BRADENHEAD.
	2:30	PUMP AN ADDITIONAL 4 1/2 BBLs TO CIRCULATE CLEAN.
2:40		PLUG #2 - MIX AND PUMP 57 SXS CMT DOWN CSG TO CIRCULATE GOOD
	2:45	CMT OUT BRADENHEAD.
2:45		NIPPLE DOWN BOP.
		DIG OUT AND CUT OFF WELLHEAD. CMT DOWN 8' IN 5 1/2" CSG
	3:30	PLACE P+M MARKER / 21 SXS CMT. CMT @ SURFACE IN 8 3/8" CSG
3:30	5:00	RIG DOWN. CUT OFF RIG ANCHORS.
5:00	6:00	TRAVEL TO YARD.
		LEROY LEE / NADADO EPA
		HENRY VILLANUEVA / NMDCD
		JIM WALKER / US EPA
		ON-LOCATION

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers _____

Cementing PLUG #1 - 32 SXS PLUG #2 - 57 SXS P+M MARKER / 21 SXSWireline 2 - 2 1/8" BI-WIRE SHOTS @ 130' (B.S.)

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	MIKE HIGDON #155 TO YARD	#21		
Operator	JESUS JACOBO	#7		12.5
Helper	SAUL JACOBO			12.5
Helper	LORENZO RODRIGUEZ			12.5
Helper				
Trainee				

5843

A-Plus Well Service, Inc.

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

Date: _____

Truck #: 141

Event: #1	From: HGU #246	To: HGU #244	Hours
Start:	What: HAUL WORK STRING FLOAT AND STEEL PIT FROM TO		
09/07/04	LOCATION AND SPOT IN PLACE		
Stop:	Charge to: PLAYA MINERALS & ENERGY % NMCD		1.5
Event: #2	From:	To:	
Start:	What: STANDBY FOR RIG UP TRUCK		
09/08/04			
Stop:	Charge to: PLAYA MINERALS & ENERGY % NMCD		2.0
Event: #3	From:	To:	
Start:	What:		
04/12/04	STANDBY FOR RIG UP TRUCK		
Stop:	Charge to:		2.0
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 HILDON		5.5
Diesel:	Helper		
Oil:	NM MILES: _____ CO MILES: _____ UT MILES: _____		
Remarks:	HGU #244		

A-Plus Well Service, Inc.

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

Date: 4-7-04Truck #: 152

Event: #	From:	To:	Hours
Start: <u>7:30</u>	What: <u>PULL TRIP</u>		
Stop: <u>8:00</u>	Charge to: <u>BROG</u>		<u>1/2</u>
Event: #2	From: <u>YARD</u>	To: <u>Gobernador STORE</u>	
Start: <u>8:00</u>	What: <u>P.U. float #95</u>		<u>1</u>
Stop: <u>9:00</u>	Charge to: <u>BROG</u>		
Event: #3	From: <u>Gobernador STORE</u>	To: <u>S.J. 32-9 #84</u>	
Start: <u>9:00</u>	What: <u>Haul float & spot</u>		<u>1 1/2</u>
Stop: <u>10:30</u>	Charge to: <u>BROG</u>		
Event: #4	From: <u>S.J. 32-9 #84</u>	To: <u>YARD</u>	
Start: <u>10:30</u>	What: <u>TRAVEL BACK</u>		<u>1</u>
Stop: <u>11:30</u>	Charge to: <u>BROG</u>		
Event: #5	From:	To:	
Start: <u>11:30</u>	What: <u>LOAD up PIT #515</u>		<u>1/2</u>
Stop: <u>12:00</u>	Charge to: <u>NMOCED</u>		
Event: #6	From: <u>YARD</u>	To: <u>HSG #244</u>	
Start: <u>12:00</u>	What: <u>TRAVEL TIME</u>		<u>1</u>
Stop: <u>1:00</u>	Charge to: <u>NMOCED</u>		
Event: #7	From:	To:	
Start: <u>1:00</u>	What: <u>unload PIT, P.U. Brown PIT, & secure</u>		<u>1</u>
Stop: <u>2:00</u>	Charge to: <u>NMOCED</u>		
Event: #8	From: <u>HSG #244</u>	To: <u>YARD</u>	
Start: <u>2:00</u>	What: <u>TRAVEL TO 121 yard, unload cement from pit & back to YARD, unload pit, post-top</u>		<u>3</u>
Stop: <u>5:00</u>	Charge to: <u>NMOC</u>		
Driver: <u>BILL RANDALL</u>			<u>9 1/2</u>
Diesel: <u>Helper</u>	<u>Julis Jim</u>	<u>2 hrs yard</u>	<u>9 1/2 = 11 1/2 hrs</u>
Oil:	NM MILES: <u>140</u>	CO MILES: _____	UT MILES: _____
Remarks:			
	<u>NMOCED HSG #244</u>		
	<u>Haul pit #515 to loc</u>		
	<u>for waste material</u>		

(F.I.C.)

2 hrs.

1/2

2 hrs

A-Plus Well Service, Inc.

P.O. Box 1979, Farmington, NM 87499
505-325-2627Date: 4-6-04Truck #: 265

Event: #1	From: <u>A - plus</u>	To:	Hours
Start: <u>5:30</u>	What: <u>Pre CK 265</u>		
Stop: <u>6:00</u>	Charge to: <u>N.M.O.C.D</u>		<u>.5</u>
Event: #2	From: <u>A - plus</u>	To: <u>Horse shoe Gully</u>	
Start: <u>6:00</u>	What: <u>Hauled 1 load from Farmington</u>		
Stop: <u>8:30</u>	Charge to: <u>N.M.O.C.D</u>		<u>9.5</u>
Event: #3	From: <u>Horse shoe Gully</u>	To: <u>A - plus</u>	
Start: <u>3:30</u>	What: <u>Recd Time Out</u>		
Stop: <u>5:00</u>	Charge to: <u>N.M.O.C.D</u>		<u>1.5</u>
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>Lee Ray</u>		<u>11.5</u>
Diesel:	Helper <u>Go Oil</u>		
Oil:	NM MILES: <u>83</u> CO. MILES: _____ UT MILES: _____		
Remarks:			
	<u>NMOC.D H564 #244</u>		
	<u>1 haul 1 1/2 load water</u>		
	<u>Purchase 1 1/2 loads water @ 20</u>		

11 hrs.

F6.2

5 1/2 hrs

Rig No. #9Date 4/30 Day 30
maced

Well Name _____

Company A-PLUS WELL S.

FROM	TO	DESCRIPTION OF OPERATION
5:30	6:00	Load supplies/trailer.
6:00	7:00	Drive to HSGU # 244
		Load 40 Jts 2 3/8"
		Drive to HSGU # 242
		Load 34 Jts 2 3/8"
		Take tbg. to CABE CAVE
		Drive to HSGU # 8
		Load 40 Jts 2 3/8"
		Drive to HSGU # 9
		Load 38 Jts 2 3/8"
		Take tbg. to CABE CAVE
	3:30	Travel to yard.
3:30	5:00	Fix light on trailer
		Haul 2 3/8" tubing and rods from wells to Cave Enterprises
		HSGU # 244 - \$225 ⁰⁰
		# 242 - \$225 ⁰⁰
		# 8 - \$225 ⁰⁰
		# 9 - \$225 ⁰⁰
		w/ Trailer
		- Unit #19 @ 50 ⁰⁰ /hr - 10 hrs = 500 ⁰⁰
		Helper @ 20 ⁰⁰ /hr - 10 hrs 200
		Helper 20 ⁰⁰ /hr - 10 hrs 200
		\$900 ⁰⁰

F.I.d

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers _____

Cementing _____

Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor				
Operator	Jesú Jacobo			11 1/2
Helper	Lorenzo Rodriguez			10
Helper	Cristobal Montañez			10
Helper				
Trainee				

A-Plus Well Service, Inc.

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

Date: _____

Truck #: 134

Event: #1	From: HGU #244 TANK #302 To: HGU #244	Hours
Start:	What:	
04/07/04	HAUL 1 LOAD FRESH WATER	
Stop:	Charge to: PLAYA MINERALS & ENERGY % NMOCID	1.5
Event: #2	From: TANK #302 To: HGU #244	
Start:	What:	
04/08/04	HAUL 1 LOAD FRESH WATER	
Stop:	Charge to: PLAYA MINERALS & ENERGY % NMOCID	1.5
Event: #3	From: TANK #302 To: HGU #244	
Start:	What:	
04/12/04	HAUL 1 LOAD FRESH WATER	
Stop:	Charge to: PLAYA MINERALS & ENERGY % NMOCID	1.5
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	4.5
Diesel:	Helper	
Oil:	NM MILES: _____ CO MILES: _____ UT MILES: _____	
Remarks:		

FG. b

FG. c

FG. d

A-Plus Well Service, Inc.

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

Date: _____

Truck #: 155

Event: #1	From: HGU #244	To:	Hours
Start:	What:		
04/07/09	STANDBY FOR DISPOSAL		
Stop:	Charge to: PLAYA MINERALS & ENERGY % NMOC		2.0
Event: #2	From: HGU #244	To:	
Start:	What:		
04/08/09	STANDBY FOR DISPOSAL		
Stop:	Charge to: PLAYA MINERALS & ENERGY % NMOC		2.0
Event: #3	From: HGU #244	To:	
Start:	What:		
04/12/09	STANDBY FOR DISPOSAL		
Stop:	Charge to: PLAYA MINERALS & ENERGY % NMOC		2.0
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 BIGDON		6.0
Diesel:	Helper:		
Oil:	NM MILES: _____ CO MILES: _____ UT MILES: _____		
Remarks:			

F6.e

F6.f

N/C