

A-PLUS WELL SERVICE, INC.

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

COPY

January 31, 2006

New Mexico Oil Conservation Division

1 of 4

Aztec District

Invoice #4212

1000 Rio Brazos Road

PO #05-199-000320

Rig #4

Aztec, NM 87410

For plug and abandonment of the **Horseshoe Gallup Unit #43** well; API # 30-045-10194.

Plugging Cost Summary:

ID#	Date	Item Description	Units	Unit Cost	Extension
Workover Rig, Travel and Supervision:					
A1	1/19/06	Contractors Supervisor / Cementer	1.0	\$ 300.00	\$ 300.00
A1	1/20/06	Contractors Supervisor / Cementer	1.0	\$ 300.00	\$ 300.00
A1	1/23/06	Contractors Supervisor / Cementer	1.0	\$ 300.00	\$ 300.00
A1	1/24/06	Contractors Supervisor / Cementer	1.0	\$ 300.00	\$ 300.00
A1	1/25/06	Contractors Supervisor / Cementer	1.0	\$ 300.00	\$ 300.00
A1	1/26/06	Contractors Supervisor / Cementer	1.0	\$ 300.00	\$ 300.00
A1	1/27/06	Contractors Supervisor / Cementer	1.0	\$ 300.00	\$ 300.00
A1	1/30/06	Contractors Supervisor / Cementer	1.0	\$ 300.00	\$ 300.00
A2	1/19/06	Crew travel, one way	1.0	\$ 98.00	\$ 98.00
A2	1/20/06	Crew travel, round trip	2.0	\$ 98.00	\$ 196.00
A2	1/23/06	Crew travel, round trip	2.0	\$ 98.00	\$ 196.00
A2	1/24/06	Crew travel, round trip	2.0	\$ 98.00	\$ 196.00
A2	1/25/06	Crew travel, round trip	2.0	\$ 98.00	\$ 196.00
A2	1/26/06	Crew travel, round trip	2.0	\$ 98.00	\$ 196.00
A2	1/27/06	Crew travel, round trip	2.0	\$ 98.00	\$ 196.00
A2	1/30/06	Crew travel, one way	1.0	\$ 98.00	\$ 98.00
A5	1/19/06	Double Derrick Rig and equipment	9.5	\$ 185.00	\$ 1,757.50
A5	1/20/06	Double Derrick Rig and equipment	9.75	\$ 185.00	\$ 1,803.75
A5	1/23/06	Double Derrick Rig and equipment	10.75	\$ 185.00	\$ 1,988.75
A5	1/24/06	Double Derrick Rig and equipment	10.25	\$ 185.00	\$ 1,896.25
A5	1/25/06	Double Derrick Rig and equipment	7.0	\$ 185.00	\$ 1,295.00
A5	1/26/06	Double Derrick Rig and equipment	10.75	\$ 185.00	\$ 1,988.75
A5	1/27/06	Double Derrick Rig and equipment	8.5	\$ 185.00	\$ 1,572.50
A5	1/30/06	Double Derrick Rig and equipment	9.0	\$ 185.00	\$ 1,665.00
A7	1/20/06	Drilling Package	1.0	\$ 200.00	\$ 200.00
A7	1/23/06	Drilling Package	1.0	\$ 200.00	\$ 200.00
A7	1/24/06	Drilling Package	1.0	\$ 200.00	\$ 200.00
A7	1/25/06	Drilling Package	1.0	\$ 200.00	\$ 200.00
A7	1/26/06	Drilling Package	1.0	\$ 200.00	\$ 200.00
A7	1/27/06	Drilling Package	1.0	\$ 200.00	\$ 200.00



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Plugging Cost Summary:

ID#	Date	Item Description	Units	Unit Cost	Extension
Cementing Services:					
B1.1	1/20/06	Cementing equipment on location	1.0	\$ 500.00	\$ 500.00
B1.1	1/23/06	Cementing equipment on location	1.0	\$ 500.00	\$ 500.00
B1.1	1/24/06	Cementing equipment on location	1.0	\$ 500.00	\$ 500.00
B1.1	1/25/06	Cementing equipment on location	1.0	\$ 500.00	\$ 500.00
B1.1	1/26/06	Cementing equipment on location	1.0	\$ 500.00	\$ 500.00
B1.1	1/27/06	Cementing equipment on location	1.0	\$ 500.00	\$ 500.00
B1.1	1/30/06	Cementing equipment on location	1.0	\$ 500.00	\$ 500.00
B2	1/19/06	Cement equipment travel, round trip miles	70.0	\$ 3.00	\$ 210.00
B2	1/30/06	Cement equipment travel, round trip miles	70.0	\$ 3.00	\$ 210.00
B4	1/27/06	Cement, 11 sxs Type III	11.0	\$ 11.50	\$ 126.50
B4	1/30/06	Cement, 47 sxs Type III	47.0	\$ 11.50	\$ 540.50
B4	1/30/06	Cement, 10 sxs Type III	10	\$ 11.50	\$ 115.00
Wireline Services:					
C1.1	1/27/06	Wireline unit on location, used	1.0	\$ 250.00	\$ 250.00
C1.1	1/30/06	Wireline unit on location, used	1.0	\$ 250.00	\$ 250.00
C2	1/27/06	Wireline travel, round trip miles	70.0	\$ 3.00	\$ 210.00
C2	1/30/06	Wireline travel, round trip miles	70.0	\$ 3.00	\$ 210.00
C3	1/27/06	Perforate 3 squeeze holes at 423'	1.0	\$ 320.00	\$ 320.00
C3	1/30/06	Perforate 3 squeeze holes at 250'	1.0	\$ 320.00	\$ 320.00
C3	1/30/06	Perforate 3 squeeze holes at 200'	1.0	\$ 320.00	\$ 320.00
C3	1/30/06	Perforate 3 squeeze holes at 169'	1.0	\$ 320.00	\$ 320.00
Workstrings & Miscellaneous Rentals:					
E1.1	1/26/06	Workstring rental, 2.375", feet	200	\$ 0.14	\$ 28.00
E1.1	1/27/06	Workstring rental, 2.375", feet	425	\$ 0.14	\$ 59.50
E1.1	1/30/06	Workstring rental, 2.375", feet	313	\$ 0.14	\$ 43.82
E6.3	1/19/06	BOP Companion Flange, 4.5"	1.0	\$ 50.00	\$ 50.00
E7.1	1/19/06	Tubing Head, 4.5"	1.0	\$ 100.00	\$ 100.00
E.14	1/20 - 1/30	Steel waste pit, rental, 10 days	10.0	\$ 30.00	\$ 300.00

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January 31, 2006

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New Mexico Oil Conservation Division

Aztec District

1000 Rio Brazos Road
Aztec, NM 87410

Invoice #4212

PO #05-199-000320

Rig #4

For plug and abandonment of the **Horseshoe Gallup Unit #43** well; API # 30-045-10194.

Plugging Cost Summary:

ID#	Date	Item Description	Units	Unit Cost	Extension
Transportation and Miscellaneous Services:					
F1.a	1/13/06	Unit #141, Haul steel waste pit and tank to location;	12.0	\$ 78.00	\$ 936.00
F2.a	1/13/06	Helper for above	12.0	\$ 22.00	\$ 264.00
F1.b	1/16/06	Unit #141, Haul mud pit to location, spot;	6.5	\$ 78.00	\$ 507.00
F2.b	1/16/06	Helper for above	6.5	\$ 22.00	\$ 143.00
F1.c	1/19/06	Unit #141, Haul rig mat board to location, spot;	6.5	\$ 78.00	\$ 507.00
F2.c	1/19/06	Helper for above	6.5	\$ 22.00	\$ 143.00
F1.d	1/19/06	Unit #254, Haul trailer #103 with drill collars and tubin to location;	5.0	\$ 78.00	\$ 390.00
F2.d	1/19/06	Helper for above	5.0	\$ 22.00	\$ 110.00
F1.e	1/31/06	Unit #254, Take drill collars to Weatherford; mat board and 2.375" workstring to A+ yard;	10.0	\$ 78.00	\$ 780.00
F2.e	1/31/06	Helper for above	10.0	\$ 22.00	\$ 220.00
F1.f	2/1/06	Unit #254, Haul backhoe to / from location; haul steel pits #503 and #515 to A+ yard;	6.5	\$ 78.00	\$ 507.00
F2.f	2/1/06	Helper for above	6.5	\$ 22.00	\$ 143.00
F1.g	2/2/06	Unit #254, Haul water tank from location to A+ yard;	5.0	\$ 78.00	\$ 390.00
F2.f	2/1/06	Helper for above	5.0	\$ 22.00	\$ 110.00
F6.a	1/17/06	Unit #265, Haul 2 loads water to location;	5.0	\$ 55.00	\$ 275.00
F14.a	1/17/06	Purchase water above	2.0	\$ 20.00	\$ 40.00
F6.b	1/19/06	Unit #265, Haul 2 loads water to location;	6.0	\$ 55.00	\$ 330.00
F14.b	1/19/06	Purchase water above	2.0	\$ 20.00	\$ 40.00
F7.a	2/1/06	Backhoe: Clean up location and remove trash;	1.5	\$ 64.00	\$ 96.00
F2.g	2/1/06	Helper for above	1.5	\$ 22.00	\$ 33.00
F10	1/19/06	Welder, including equipment and travel	5.0	\$ 55.00	\$ 275.00
F11	1/30/06	P&A Marker	1.0	\$ 130.00	\$ 130.00

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Plugging Cost Summary:

ID#	Date	Item Description	Units	Unit Cost	Extension
Third Party Charges:					
G-1	1/18/06	Drill Bit & Supply, inv #12392, 3.875" tooth bit	1.0	\$ 600.00	
G-2	1/19/06	1 - 4.5" x 5' piece used casing (extension)	1.0	\$ 50.00	
G-3	1/20/06	Drill Bit & Supply, inv #12369, 3.875" tooth bit	1.0	\$ 625.00	
G-4	1/23/06	2.875" stripping rubber for drill collars (3.25" OD)	1.0	\$ 127.00	
G-5	1/25/06	2.375" stripping rubber	1.0	\$ 127.00	
G-6	1/16/06	L&R Oilfield, inv #22562, set anchors	1.0	\$ 694.89	
G-7	1/31/06	C&J Trucking, inv #200601317, haul mud pit to Basin	1.0	\$ 877.50	
G-8	1/31/06	Basin Disposal, inv #110610, fluid disposal	1.0	\$ 180.00	
G-9	2/10/06	Weatherford, inv #2X-0020601-001, rental items	1.0	\$ 3,361.58	
Third Party Handling Charge - 8%				\$ 531.44	\$ 7,174.41
TOTAL					\$ 39,966.23
NM Tax @ 7%					\$ 2,797.64
TOTAL DUE					\$ 42,763.87
THANK YOU					

OK FOR PAYMENT
A. Villanueva

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

1. Type of Well

Oil Well

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

2110' FNL and 2020' FEL, Section 32, 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

8. Well Name & Number

HSGU #43

9. API Well No.

30-045-10194

10. Field and Pool

Horseshoe Gallup

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 re-entered and subsequently re-plugged and abandoned this well:

1/19/06: MOL. Remove P&A marker. RU rig. Dig out casings stubs: Found good cement inside the 4.5" casing; observed a small water flow and small gas bubbles in the 4.5" x 8.625" casing annulus. Weld on wellhead.

1/20/06 thru 1/26/06: Drill out hard cement from surface to 380' inside the 4.5" casing. Pressure test 4.5" casing to 500#, OK.

1/27/06 Continue drilling to 425', observed lots of metal in returns. Attempt to pressure test 4.5" casing to 500#, bleed down to 250# in 1 minute. BLM and NMOCD representatives said deep enough. TOH with bit. Perforate 3 squeeze holes at 423'. Unable to establish injection rate; casing bleed down with same leak.

Re-entry Plug #1: with tubing at 425', mix 11 sxs Type III cement (15 cf): 1st spot a balanced plug inside casing from 425' to 266'; 2nd PUH to 313' and reverse circulate well clean; 3rd POH with tubing; and 4th squeeze about 1 sxs cement outside the casing with final pressure of 500#. Shut in well and WOC.

1/30/06 Pressure test 4.5" casing to 500#, held OK. Perforate 3 squeeze holes at 250'. Unable to establish injection rate, pressured up to 1000# then bleed down to 750# in 2 minutes. Perforate 3 additional holes at 200'. Unable to establish injection rate; same bleed off. Then perforate at 169'. Unable to establish rate; same bleed off.

Re-entry Plug #2: with tubing at 313', mix 47 sxs Type III cement (62 cf) and spot a plug inside the casing from 313' to surface, circulate good cement out casing valve. TOH and LD tubing. Attempt to squeeze cement outside the casing; pressured up to 1200#. SI well with 1000# for 15 minutes. Open well. ND BOP. RD rig. Dig out casing. Found cement at surface inside the casing. Mix 10 sxs Type III cement and re-install the P&A marker. MOL.

H. Villanueva, NMOCD representative, was on location.

SIGNATURE William F. Clark Contractor

February 3, 2006

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

Rig No 4Date 1-19-06 Day THUR.Well Name H564 #43 Sec. 32, T31N, R16W Company Vulcan Minerals + Energy
C/O NMOLD

FROM	TO	DESCRIPTION OF OPERATION
6:30	7:00	SECU. Rig + hook-up to equip, get ready to road equip
7:00	8:30	ROAD RIG + EQUIP TO LOC. + SPOT
8:30		Remove D.H. marker, dig-out 8 5/8 csg
		welder cut + weld on plate on 8 5/8 + 4 1/2
	12:30	weld on 4 1/2 collar + 2" outlet to 8 5/8
12:30	1:30	RU RIG
1:30		screw in 4 1/2 lift-sub + 2" B.H. valve
	3:30	NU companion flange, BOP's, RU floor, RU P.T.
3:30		THAY 6-3/4 DG's, 16 1/2 A-plus 2 3/4 tbg, X-over sub
	4:30	RU swivel, P.H. 1 D.C. + new 3 3/4 cone bit, S.I.W
4:30	5:30	TRAVEL BACK
		Rental - Well head <u>(E7.1)</u> \$100 ⁰⁰
		4 1/2"
		Rental - Flange <u>(E6.3)</u> \$50 ⁰⁰
		cement good in 4 1/2
		Annulus has water, cement + small
		gas bubbles
G-1		Drill bit - 3 3/8"
G-2		4 1/2" Csg Extension - \$100 ⁰⁰
		H. Villanueva w/NMOLD on loc.

Fuel & Motor Oil _____ Water Hauled (4-Lds A-Plus)

Rental Equipment _____ Cement Retainers _____

Cementing Pump to loc - (B.2) - 71 miles

Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
<u>(A.1)</u> Supervisor	B. RANDALL One Day	44	70	
Operator	J. MONTES	36	70	11
Derrick	L. RODRIGUEZ			11
Floors	J. TORRES			11
Floors	K. PETTIGREW			11
Floors				

Rig No. 4

Date 1-20-06 Day FRI.

Well Name NSG 44 #43

Company Urban Minerals & Energy
c/o NMCD

FROM	TO	DESCRIPTION OF OPERATION
5:30	5:45	SERV. EQUIP + LOAD SUPPLIES
5:45	6:45	TRAVEL TO LOC.
6:45	7:15	SERV. EQUIP + HSM on JSA
7:15		RU Lines + P.T. OPEN-UP WELL
		H THAW-out valves on pit
		P.W. I - DC, R/H + TAG TOL AT 8'
		EST circulation, START DRILLING cement
		drilling down to 65', STARTED drilling REAL slow + bouncing
		CK RETURNS found metal pieces + metal fines
		POOH w/DC's, found inner cones on bit wear-out
		change out to a used bit from Rig (new bit coming from town)
		R/H + tag up at 65'
		drilling about 5-6' w/bit, w/metal fines in returns
		POOH w/D.C.'s + replace w/new 3 7/8 L. TOOTH CONZ BIT
		START AT 71' w/SAME results, hard drilling + metal fines
		DRILLED TO 80' circulate egg clean
		POOH + inspect bit S.I.L.W
	4:30	DRAIN-UP
4:30	5:30	TRAVEL BACK
		BIT OK
(A.7)		Drilling Package - 1 day \$200 ⁰⁰
(Gh3)		2nd Drill Bit
		A. Villanueva whoops on loc.

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers _____

Cementing Complet Pays on Loc - one day

Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL	44	70	
Operator	S. STUART	36	70	12
Derrick	L. RODRIGUEZ			12
Floors	J. TORRES			12
Floors	K. PETTIBREW			12
Floors				

Rig No. 41Date 1-23-06 Day MONWell Name HSLW #43Company VULCAN MINERALS & ENERGY
C/O NMOCID

FROM	TO	DESCRIPTION OF OPERATION
5:30	5:45	LOAD SUPPLIES
5:45	6:45	TRAVEL TO LOC.
6:45	7:15	SERV. EQUIP. & HSM on JSA
7:15		RU LINES & P.T. unthaw rig pit
		RL new 3 3/4" FLAT BOTTOM mill, TIR w/ 3-3 3/4" DC's
		TAG AT 80', est. circ. starting drilling at 80'
		DRILLING HARD & slow fine metal showing w/ fine cement
		pieces drilled down to 87', did find some bigger
	11:00	chunks of metal
11:00		POOH & change out mill to cone bit
		TIR & began drilling at 87' drilled to about 92'
	4:00	same results
4:00		POOH & change out bit to blade mill
		drilled down to 93', POOH, S.I.W
	5:30	DRAIN-UP
5:30	6:30	TRAVEL BACKLOC.
<u>A.7</u> Drilling Package - 1 day <u>G.4</u> 1-2 7/8" Strapping Rubber for Drill collars (3 1/2" OD) H. Villanueva w/ NMOCID		

Fuel & Motor Oil Weatherford Water Hauled _____

Rental Equipment 1-FB 3 3/4" mill Cement Retainers _____

Cementing Cement pump on LOC - 1 day

Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL One Day	44	70	
Operator	S. STUART	36	70	13
Derrick	J. TORRES			13
Floors	L. RODRIGUEZ			13
Floors	K. PETTIGREW			13
Floors				

Date 1-24-06 Day TUE

Company VALCAN MINERALS & ENERGY
C/O NMOCID

Fuel & Motor Oil _____ Water Hauled _____
Rental Equipment 1-HEATHS FORD magnet Cement Retainers _____
Cementing Pump on ice one day
Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL	44	70	
Operator	S. STUART	36	70	12½
Derrick	J. TORRES			12½
Floors	L. RODRIGUEZ			12½
Floors	K. PETTIGREW			12½
Floors				

Date 1-25-06 Day WED.

Company VALCUNI MINERALS & ENERGY
C/O NMDC

A-7 Pulling Package - one day
E-5 1-2 3/8" Stripping Rubber

Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL	44	70	
Operator	S. STUART	36	70	9
Derrick	L. RODRIGUEZ			9
Floors	J. TORRES			9
Floors	K. PETTIGREW			9
Floors				

Rig No. 4

Date 1-26-06 Day THUR.

Well Name HSGU #43

Company VULCAN MINERALS & ENERGY
90 NMOCD

[illegible]

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers _____

Cementing Pump on loc - one day

Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL	44	70	
Operator	S. STUART	36	70	13
Derrick	L. RODRIGUEZ			13
Floors	J. TORRES			13
Floors	K. PETTIGREW			13
Floors	M. IDI ARAMA			13

Rig No. 4Date 1-27-06 Day FRI.Well Name HSGU #43Company Vulcan Minerals + Energy
C/O NMOC

FROM	TO	DESCRIPTION OF OPERATION
5:30	5:45	LOAD SUPPLIES
5:45	6:45	TRAVEL TO LOC.
6:45	7:15	SERV. EQUIP. + HSM on JSA
7:15		RUN LINES + P.T. P.W. SWIVEL + 1 st TAG AT 380'
		EST. CIRCULATION + BEGIN DRILLING AT 380'
		DRILLING OUT GOOD CEMENT
		DRILLED DOWN TO 425', START DRILLING W/ LOTS OF METAL RETURNS
		PH TO 500 BLEED DOWN TO 250' 1 min.
		OK'D BY BLM REP TO STOP DRILLING AT 425'
		+ Perf at 423'
		POOH W/ TAG, LD 6-DC'S
		PH AGAIN SAME RESULTS
		Perf. at 423 w/ 3-3/4 HSC. ATTEMPT TO EST RATE
		SAME LEAK, OK'D BY BLM + NMOC TO PUMP 100'
		plug.
		TID W/ TAG TO 425', CIRCULATE CCG CLEAN
		PUMP Plug #1 w/ 11SKS 14.52 w/ ft (425-266) TOC 266'
		LD TBL TO 313', REVERSE CCG CLEAN
		POOH W/ TAG.
		Squeeze cement, pump about 1/4 bbl, S.I.W. w/ 500'
3:15		Churn-up
3:15	4:15	TRAVEL BACK

A-7 Drilling Package - one day

C-2 Wireline Unit Travel - 70 miles

C-1 Wireline Unit on loc - one day

H. Villanueva w/ NMOC on loc. (#231)

Fuel & Motor Oil _____ Water Hauled W.L. 135 S.S.

Rental Equipment _____ Cement Retainers _____

Cementing Plug #1 11SKS - on location

Wireline Perf at 423 w/ 3-3/4 HSC

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL One Day	44		
Operator	S. STUART	36		10 3/4
Derrick	L. RODRIGUEZ			10 3/4
Floors	J. TORRES			10 3/4
Floors	K. PETTIGREW took back weathered tools			11 1/2
Floors	* CHIDI AKOMA			10 3/4

RCI - 090576A

E1.1 - 2 3/8" Workstring - 425' @ \$6.94/ft.

Rig No. 4Date 1-30-06 Day monWell Name HSLW #43Company Vulcan Minerals + Energy
C/O NMOCED

A.2
1 hr

A.5
9 hrs

FROM	TO	DESCRIPTION OF OPERATION
5:30	5:45	LOAD SUPPLIES
5:45	7:45	TRAVEL TO LOC. 1 hr on A-Plus
7:45	8:15	SERV. EQUIP + HSM on JSA
8:45		PH 4 1/2 csg to 500' HSLD O.K.
		RU perf gun, RTH TRL TOC 316'
		Perf at 250' w/3-3/4 HSC
		unable to est rate, pressured upto 600' then 1000'
		down to 750' in 2 mins
		Perf at 200' w/3-3/4 HSC
		no rate same results
		Perf at 169' due to csg collar,
	10:45	no rate same results
10:45		TTH w/try to 313'
		load csg Pump Plug #2 w/47 sks 62.04 cu/ft 14-8'
		cement from 313' to surf. circulate good cement out csg.
		PODIT w/try
		attempt to squeeze cement, pressured upto 1400'
	11:30	S.L.W w/1000' for 15 mins.
11:30		BLD-off pressure, RD floor, RD PT.
		RD BOP
		RD RIL
		dig-out csg, install old D.H marker w/10SKS 14-8' cement
	2:30	cut anchors cement full in 4 1/2 csg
2:30	4:30	RODE RIG + EQUIP TO YARD
		<u>C1.1</u> - Wireline on loc <u>C2</u> - Wireline Travel 70 miles
		<u>C-3</u> - Perforate 3 Times <u>B1.1</u> - Pump on loc
		H. Villanueva w/NMOCED on loc

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers _____

Cementing Plug #2 47SKS, Plug #3 D.H.M. 10SKS

Wireline Perf at 250', 200', 169' w/3-3/4 HSC

w/L BY S.S.

A-1

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL One Day	44	70	
Operator	S. Stuart	36	70	11
Derrick	L. RODRIGUEZ			11
Floors	J. TORRES			11
Floors	K. PETTIGREW			11
Floors	CHIDI OKOMA			11

RCT - 090576A

E1.1 - 2 3/8" Workstring Rental - 313'