

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

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

July 31, 2004

New Mexico Oil Conservation Division**Aztec District**

1000 Rio Brazos Road
 Aztec, NM 87410

Invoice #3399

1 of 9

Rig #4

For the re-entry and P&A of the **JW Garrison #7**, a Farmington sand well located in NW, Section 30, 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 Order: 05-199-000093 and 05-199-000188.

Cost Summary - JW Garrison #7 Purchase Order #05-199-000093 and #05-199-000188

ID#	Date	Item Description	Units	Unit Cost	Extension
Workover Rig, Travel and Supervision:					
A1	7/9/04	Contractors Supervisor / Cementer	1.0	\$ 250.00	\$ 250.00
A1	7/10/04	Contractors Supervisor / Cementer	1.0	\$ 250.00	\$ 250.00
A1	7/12/04	Contractors Supervisor / Cementer	1.0	\$ 250.00	\$ 250.00
A1	7/13/04	Contractors Supervisor / Cementer	1.0	\$ 250.00	\$ 250.00
A1	7/14/04	Contractors Supervisor / Cementer	1.0	\$ 250.00	\$ 250.00
A1	7/15/04	Contractors Supervisor / Cementer	1.0	\$ 250.00	\$ 250.00
A1	7/16/04	Contractors Supervisor / Cementer	1.0	\$ 250.00	\$ 250.00
A1	7/17/04	Contractors Supervisor / Cementer	1.0	\$ 250.00	\$ 250.00
A1	7/19/04	Contractors Supervisor / Cementer	1.0	\$ 250.00	\$ 250.00
A1	7/20/04	Contractors Supervisor / Cementer	1.0	\$ 250.00	\$ 250.00
A1	7/21/04	Contractors Supervisor / Cementer	1.0	\$ 250.00	\$ 250.00
A1	7/22/04	Contractors Supervisor / Cementer	1.0	\$ 250.00	\$ 250.00
A1	7/23/04	Contractors Supervisor / Cementer	1.0	\$ 250.00	\$ 250.00
A1	7/26/04	Contractors Supervisor / Cementer	1.0	\$ 250.00	\$ 250.00
A1	7/27/04	Contractors Supervisor / Cementer	1.0	\$ 250.00	\$ 250.00
A1	7/28/04	Contractors Supervisor / Cementer		\$ 250.00	N/C
A2	7/12/04	Crew travel, one way	0.5	\$ 112.00	\$ 56.00
A2	7/13/04	Crew travel, round trip time	1.0	\$ 112.00	\$ 112.00
A2	7/14/04	Crew travel, round trip time	1.0	\$ 112.00	\$ 112.00
A2	7/15/04	Crew travel, round trip time	1.0	\$ 112.00	\$ 112.00
A2	7/16/04	Crew travel, round trip time	1.0	\$ 112.00	\$ 112.00
A2	7/17/04	Crew travel, round trip time	1.0	\$ 112.00	\$ 112.00
A2	7/19/04	Crew travel, round trip time	1.0	\$ 112.00	\$ 112.00
A2	7/20/04	Crew travel, round trip time	1.0	\$ 112.00	\$ 112.00
A2	7/21/04	Crew travel, round trip time	1.0	\$ 112.00	\$ 112.00
A2	7/22/04	Crew travel, round trip time	1.0	\$ 112.00	\$ 112.00
A2	7/23/04	Crew travel, round trip time	1.0	\$ 112.00	\$ 112.00
A2	7/26/04	Crew travel, round trip time	1.0	\$ 112.00	\$ 112.00

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Aztec District

1000 Rio Brazos Road
Aztec, NM 87410

Invoice #3399**Rig #4****Cost Summary - JW Garrison #7 Purchase Order #05-199-000093 and #05-199-000188**

ID#	Date	Item Description	Units	Unit Cost	Extension
A2	7/27/04	Crew travel, round trip time	1.0	\$ 112.00	\$ 112.00
A2	7/28/04	Crew travel, round trip time	0.5	\$ 112.00	\$ 56.00
A3	7/12/04	Double Derrick Rig	7.5	\$ 174.00	\$ 1,305.00
A3	7/13/04	Double Derrick Rig	10.5	\$ 174.00	\$ 1,827.00
A3	7/14/04	Double Derrick Rig	11.0	\$ 174.00	\$ 1,914.00
A3	7/15/04	Double Derrick Rig	11.5	\$ 174.00	\$ 2,001.00
A3	7/16/04	Double Derrick Rig	9.0	\$ 174.00	\$ 1,566.00
A3	7/17/04	Double Derrick Rig	11.25	\$ 174.00	\$ 1,957.50
A3	7/19/04	Double Derrick Rig	10.25	\$ 174.00	\$ 1,783.50
A3	7/20/04	Double Derrick Rig	10.25	\$ 174.00	\$ 1,783.50
A3	7/21/04	Double Derrick Rig	10.25	\$ 174.00	\$ 1,783.50
A3	7/22/04	Double Derrick Rig	10.25	\$ 174.00	\$ 1,783.50
A3	7/23/04	Double Derrick Rig	10.25	\$ 174.00	\$ 1,783.50
A3	7/26/04	Double Derrick Rig	10.50	\$ 174.00	\$ 1,827.00
A3	7/27/04	Double Derrick Rig	9.75	\$ 174.00	\$ 1,696.50
A3	7/28/04	Double Derrick Rig	2.50	\$ 174.00	\$ 435.00
A7	7/12/04	Drilling Package - P/S, mud pit & pipe racks	1.0	\$ 200.00	\$ 200.00
A7	7/13/04	Drilling Package - P/S, mud pit & pipe racks	1.0	\$ 200.00	\$ 200.00
A7	7/14/04	Drilling Package - P/S, mud pit & pipe racks	1.0	\$ 200.00	\$ 200.00
A7	7/15/04	Drilling Package - P/S, mud pit & pipe racks	1.0	\$ 200.00	\$ 200.00
A7	7/16/04	Drilling Package - P/S, mud pit & pipe racks	1.0	\$ 200.00	\$ 200.00
A7	7/17/04	Drilling Package - P/S, mud pit & pipe racks	1.0	\$ 200.00	\$ 200.00
A7	7/19/04	Drilling Package - P/S, mud pit & pipe racks	1.0	\$ 200.00	\$ 200.00
A7	7/20/04	Drilling Package - P/S, mud pit & pipe racks	1.0	\$ 200.00	\$ 200.00
A7	7/21/04	Drilling Package - P/S, mud pit & pipe racks	1.0	\$ 200.00	\$ 200.00
A7	7/22/04	Drilling Package - P/S, mud pit & pipe racks	1.0	\$ 200.00	\$ 200.00
A7	7/23/04	Drilling Package - P/S, mud pit & pipe racks	1.0	\$ 200.00	\$ 200.00
A7	7/26/04	Drilling Package - P/S, mud pit & pipe racks	1.0	\$ 200.00	\$ 200.00
A7	7/27/04	Drilling Package - P/S, mud pit & pipe racks	1.0	\$ 200.00	\$ 200.00

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Aztec, NM 87410

Invoice #3399**Rig #4****Cost Summary - JW Garrison #7 Purchase Order #05-199-000093 and #05-199-000188**

ID#	Date	Item Description	Units	Unit Cost	Extension
Cementing Services:					
B1	7/12/04	Cementing equipment on location	0.5	\$ 450.00	\$ 225.00
B1	7/13/04	Cementing equipment on location	1.0	\$ 450.00	\$ 450.00
B1	7/14/04	Cementing equipment on location, circulating	0.5	\$ 450.00	\$ 225.00
B1	7/15/04	Cementing equipment on location	1.0	\$ 450.00	\$ 450.00
B1	7/16/04	Cementing equipment on location, circulating	0.5	\$ 450.00	\$ 225.00
B1	7/17/04	Cementing equipment on location, circulating	0.5	\$ 450.00	\$ 225.00
B1	7/19/04	Cementing equipment on location, circulating	0.5	\$ 450.00	\$ 225.00
B1	7/20/04	Cementing equipment on location, circulating	0.5	\$ 450.00	\$ 225.00
B1	7/21/04	Cementing equipment on location, circulating	0.5	\$ 450.00	\$ 225.00
B1	7/22/04	Cementing equipment on location, circulating	0.5	\$ 450.00	\$ 225.00
B1	7/23/04	Cementing equipment on location, circulating	0.5	\$ 450.00	\$ 225.00
B1	7/26/04	Cementing equipment on location	1.0	\$ 450.00	\$ 450.00
B1	7/27/04	Cementing equipment on location	1.0	\$ 450.00	\$ 450.00
B1	7/28/04	Cementing equipment on location		\$ 450.00	N/C
B2	7/12/04	Cement pump travel, 10 miles	10.0	\$ 3.00	\$ 30.00
B3	7/13/04	Cement, 31 + 19 sxs Type III = 56 sxs Type II (Example- 31 + 19 = 50cf X 1.32 / 1.18 = 55.9 sxs Type II)	55.9	\$ 10.50	\$ 586.95
B3	7/15/04	Cement, 40 sxs Type III = 44.7 sxs Type II	44.7	\$ 10.50	\$ 469.35
B3	7/26/04	Cement, 36 sxs Type III = 40.3 sxs Type II	40.3	\$ 10.50	\$ 423.15
B3	7/27/04	Cement, 119 sxs Type III = 133.1 sxs Type II	133.1	\$ 10.50	\$ 1,397.55
B3	7/27/04	Cement marker, 12 sxs Type III = 13.5 sxs Type II	13.5	\$ 10.50	\$ 141.75

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Invoice #3399**Rig #4****Cost Summary - JW Garrison #7 Purchase Order #05-199-000093 and #05-199-000188**

ID#	Date	Item Description	Units	Unit Cost	Extension
Workstrings & Miscellaneous Rentals:					
E13	7/9/04	Steel pit rental, 7/9 to 7/11, 3 days	3.0	\$ 60.00	\$ 180.00
E14	7/15/04	Water storage tank, 7/15 to 7/28, 14 days	14	\$ 30.00	\$ 420.00
E14	7/15/04	Waste fluid container, 14 days used	14	\$ 30.00	\$ 420.00
E7.1	7/19/04	7" Tubing head, 5 day rental, 7/19 to 7/23	1.0	\$ 100.00	\$ 100.00
E7.2	7/26/04	7" Tubing head, add day rental, 7/26 to 7/27	2.0	\$ 10.00	\$ 20.00
Transportation and Miscellaneous Services:					
Tandem Rig Up Truck Hauling:					
F1.a	7/9/04	Unit #254, Haul gray mud pit to location	2.0	\$ 74.00	\$ 148.00
F2.a	7/9/04	Helper for above, (page 1 of 33)	2.0	\$ 20.00	\$ 40.00
F1.b	7/15/04	Unit #254, Take waste pit and water tank to loc;	4.0	\$ 74.00	\$ 296.00
F2.b	7/15/04	Helper for above, (page 2 of 33)	4.0	\$ 20.00	\$ 80.00
F1.c	7/16/04	Unit #254, Load 7" casing at Cave Ent.	1.5	\$ 74.00	\$ 111.00
F2.c	7/16/04	Helper for above, (page 3 of 33)	1.5	\$ 20.00	\$ 30.00
F1.d	7/17/04	Unit #254, Haul casing to location and unload;.	2.5	\$ 74.00	\$ 185.00
F2.d	7/17/04	Helper for above, (page 4 of 33)	2.5	\$ 20.00	\$ 50.00
F1.e	7/12/04	Unit #152, Haul P/S, cat walk and pipe racks;	6.0	\$ 74.00	\$ 444.00
F2.e	7/12/04	Helper for above, (page 5 of 33)	6.0	\$ 20.00	\$ 120.00
F1.f	7/12/04	Unit #152, Load BOP & mud cross, return to Wfd;	1.5	\$ 74.00	\$ 111.00
F2.f	7/12/04	Helper for above, (page 6 of 33)	1.5	\$ 20.00	\$ 30.00
F1.g	7/28/04	Unit #254, Haul 4 loads equipment to A+ yard;	8.0	\$ 74.00	\$ 592.00
F2.g	7/28/04	Helper for above, (page 7 of 33)	8.0	\$ 20.00	\$ 160.00
F1.h	7/29/04	Unit #254, Haul mud pit from IEL to A+ yard;	1.5	\$ 74.00	\$ 111.00
F2.h	7/29/04	Helper for above, (page 8 of 33)	1.5	\$ 20.00	\$ 30.00
F1.i	7/29/04	Unit #152, Haul drill collars and pipe to Tuboscope;	3.5	\$ 74.00	\$ 259.00
F2.i	7/29/04	Helper for above, (page 9 of 33)	3.5	\$ 20.00	\$ 70.00

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Invoice #3399**Rig #4****Cost Summary - JW Garrison #7 Purchase Order #05-199-000093 and #05-199-000188**

ID#	Date	Item Description	Units	Unit Cost	Extension
Single Axle Winch Truck Hauling:					
F3.a	7/12/04	Unit #24, Load drill collars & tools at Weatherford;	2.0	\$ 50.00	\$ 100.00
F2.aa	7/12/04	Helper for above, (page 10.a of 33)	2.0	\$ 20.00	\$ 40.00
F3.b	7/12/04	Unit #24, Haul drill collars to loc, unload; new BOP;	4.0	\$ 50.00	\$ 200.00
F2.bb	7/12/04	Helper for above, (page 10.b of 33)	4.0	\$ 20.00	\$ 80.00
F3.c	7/13/04	Unit #24, Haul High Tech BOP & drill pipe to loc;	6.5	\$ 50.00	\$ 325.00
F2.cc	7/13/04	Helper for above, (page 10.c of 33)	6.5	\$ 20.00	\$ 130.00
F3.d	7/19/04	Unit #24, Load Wfd mud cross & tools, return; (11/33)	2.5	\$ 50.00	\$ 125.00
F3.e	7/19/04	Unit #24, Haul High Tech BOP & rams to Aztec; (12/33)	2.5	\$ 50.00	\$ 125.00
F3.f	7/12/04	Unit #124, Drive to loc, unload & spot equipment; (13/33)	3.0	\$ 50.00	\$ 150.00
F3.g	7/17/04	Unit #124, Unload 7" casing onto pipe racks; (13/33)	2.0	\$ 50.00	\$ 100.00
F3.h	7/19/04	Unit #124, Load High Tech BOP onto Unit #24; (13/33)	1.0	\$ 50.00	\$ 50.00
F3.i	7/28/04	Unit #124, Load drill collars and pipe racks on #100;	1.5	\$ 50.00	\$ 75.00
F2.ii	7/28/04	Helper for above (page 14 of 33)	1.5	\$ 20.00	\$ 30.00
F4.a	7/16/04	Float rental, load and haul casing to A+ yard, (3 of 33)	1.0	\$ 15.00	\$ 15.00
F4.b	7/17/04	Float rental, haul casing to location; (4 of 33)	1.0	\$ 15.00	\$ 15.00
Backhoe & Welder Work:					
F7.a	7/9/04	B-hoe, Dig out casing stub, load black dirt & weeds;	14.5	\$ 50.00	\$ 725.00
F2.dd		Helper for B-hoe, pick up trash and load junk, (32/33)	14.5	\$ 20.00	\$ 290.00
F7.b	7/10/04	B-hoe, Load more dirt, set culvert, cement; (33/33)	9.5	\$ 50.00	\$ 475.00
F2.ee		Helper for B-hoe, pick up trash and load junk; (33/33)	9.5	\$ 20.00	\$ 190.00
F10.a	7/12/04	A+ Welder, 2" outlet, 10-3/4" collar, (page 3 of 16)	5.0	\$ 50.00	\$ 250.00
F10.b	7/27/04	A+ Welder, cut off csg, weld on marker, (page 15 of 16)	3.0	\$ 50.00	\$ 150.00
F11	7/27/04	P&A marker, purchase, (page 15 of 16)	1.0	\$ 120.00	\$ 120.00

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Invoice #3399**Rig #4****Cost Summary - JW Garrison #7 Purchase Order #05-199-000093 and #05-199-000188**

ID#	Date	Item Description	Units	Unit Cost	Extension
Vacuum Water Truck Hauling:					
F6.a	7/12/04	Unit #265, Haul 1 load of water to mud pit; (15/33)	3.0	\$ 50.00	\$ 150.00
F14		Purchase water , above, (page 15 of 33)	1.0	\$ 20.00	\$ 20.00
F6.b	7/13/04	Unit #265, Haul 1 load of water to mud pit; (16/33)	2.0	\$ 50.00	\$ 100.00
F14		Purchase water , above, (page 16 of 33)	1.0	\$ 20.00	\$ 20.00
F6.c	7/13/04	Unit #255, Haul 1 load waste fluid to Basin; (17/33)	2.0	\$ 50.00	\$ 100.00
F6.d	7/15/04	Unit #255, Haul 1 load waste fluid to Basin; (18/33)	2.0	\$ 50.00	\$ 100.00
F6.e	7/15/04	Unit #265, Haul 3 loads of water to tank; (19/33)	5.5	\$ 50.00	\$ 275.00
F14		Purchase water , above, (page 19 of 33)	3.0	\$ 20.00	\$ 60.00
F6.f	7/16/04	Unit #265, Haul 2 loads of water to tank; (20/33)	4.0	\$ 50.00	\$ 200.00
F14		Purchase water , above, (page 20 of 33)	2.0	\$ 20.00	\$ 40.00
F6.g	7/19/04	Unit #255, Haul 1 load waste fluid to Basin; (21/33)	2.5	\$ 50.00	\$ 125.00
F6.h	7/19/04	Unit #265, Haul 3 loads of water to tank; (22/33)	6.0	\$ 50.00	\$ 300.00
F14		Purchase water , above, (page 22 of 33)	3.0	\$ 20.00	\$ 60.00
F6.i	7/20/04	Unit #255, Haul 1 load waste fluid to Basin, no 2nd; (23)	3.5	\$ 50.00	\$ 175.00
F6.j	7/21/04	Unit #255, Cleaned cement out of tank; (24/33)	4.0	\$ 50.00	\$ 200.00
F6.k	7/21/04	Unit #265, Haul 1 loads of water to tank; (25/33)	2.0	\$ 50.00	\$ 100.00
F14		Purchase water , above, (page 25 of 33)	1.0	\$ 20.00	\$ 20.00
F6.l	7/21/04	Unit #255, load disposal fluid, take to A+ yard; (26/33)	7.25	\$ 50.00	\$ 362.50
F6.m	7/22/04	Unit #255, Haul 1 load to McGrath, (page 27 of 33)	2.0	\$ 50.00	\$ 100.00
F6.n	7/23/04	Unit #255, Haul 1 load fresh, 5 loads to Basin; (28/33)	13.0	\$ 50.00	\$ 650.00
F14		Purchase water , above, (page 28 of 33)	1.0	\$ 20.00	\$ 20.00
F6.o	7/26/04	Unit #255, Haul load to Basin, maintain pit level; (29)	7.0	\$ 50.00	\$ 350.00
F6.p	7/26/04	Unit #265, Haul 3 loads of fresh water to tank; (30/33)	5.5	\$ 50.00	\$ 275.00
F14		Purchase water , above, (page 30 of 33)	3.0	\$ 20.00	\$ 60.00
F6.q	7/27/04	Unit #255, Haul 3 loads to Basin; (page 31 of 33)	6.0	\$ 50.00	\$ 300.00

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Invoice #3399**Rig #4****Cost Summary - JW Garrison #7 Purchase Order #05-199-000093 and #05-199-000188**

ID#	Date	Item Description	Units	Unit Cost	Extension
Third Party Services:			Page # of 124		
G1	7/9/04	Mo-Te Inc., Inv #60198, Install and test anchors	1	\$ 660.00	
G2	7/9/04	Essco Pipe & Supply, Inv #126814, 20" Culvert	2, 3	\$ 285.80	
G3	7/9/04	Sky Ute Redi-Mix, Inv #600196	4, 5	\$ 730.00	
G4	7/9/04	Lucero Construction, #670592, Haul soil to IES	6	\$ 420.00	
G5	7/10/04	Lucero Construction, #670592, Haul soil to IES	7	\$ 480.00	
G6	7/9/04	IEI, Inv. #4195, disposal of contaminated soil;	8, 9	\$ 1,080.00	
G7	7/9/04	Construction Supply, #2722308, line and lath	10	\$ 7.08	
G8	7/9/04	Grainger, Sale #1105893687, sump pump	11	\$ 135.71	
G9	7/12/04	Halliburton, #3176073, mud materials, \$501.57-	12, 13		
G10	7/13/04	Basin Disposal, Inv #92101, load disposal fluid	14	\$ 60.00	
G11	7/15/04	Three Rivers, Inv #RC-73909, suck water flow;	15, 16, 17	\$ 550.00	
G12.a	7/15/04	Basin Disposal, Inv #92148, 7 loads disposal fluid	18 - 22	\$ 420.00	
G12.b	7/16/04	Triple S, Inv #A74835, haul 1 load to disposal	23 - 25	\$ 162.00	
G13	7/16/04	Three Rivers, Inv #RC-73941, haul to disposal;	26, 27	\$ 150.00	
G14	7/16/04	Three Rivers, Inv #RC-73942, haul to disposal;	28 - 32	\$ 1,050.00	
G15	7/16/04	Basin Disposal, Inv #92186, 27 loads disposal fluid	33 - 49	\$ 1,620.00	
G16	7/16/04	Tim Hamilton, night watch on water flow	50 - 51	\$ 300.00	
G17	7/16/04	Jet West, Inv #6869, attempt to run camera	52 - 53	\$ 150.00	
G18	7/17/04	Key Pressure Pumping, #555706354, cement 7"	54, 55	\$ 5,244.39	
G19	7/19/04	Cave Ent., Inv #12643, 7" casing	56, 57	\$ 2,562.45	
G20	7/19/04	San Juan Casing, Inv #169, run 7" casing and tools	58, 59	\$ 1,789.00	
G21	7/19/04	Cimarron, Inv #407300, clean out pit	60, 61	\$ 798.75	
G22	7/30/04	High Tech, Inv #17914, bit sub rental	62	\$ 244.50	
G23	8/1/04	High Tech, Inv #17854, 10" BOP rental & sales	63	\$ 2,427.00	
G24	8/1/04	High Tech, Inv #17910, 7" rams for BOP	64	\$ 595.00	
G53	7/30/04	Envirotech, Inv #9335, water testing	65	\$ 623.00	
G25	7/22/04	Key Trucking, Inv #164064626, disposal water	66 - 72	\$ 2,752.37	
G26	7/19/04	Rig Equip, Inv #059859, 10-3/4' x 7" casing head	73	\$ 1,415.25	
G27	7/19/04	Drill Bit & Supply, Inv #11331, 6-1/4" tooth bit	74	\$ 550.00	
G28	7/17/04	Marquez, Inv #022233, rent 2" water pump	75	\$ 90.00	
G29	7/15/04	Baker, # 393766, attempt to set 8-5/8" CR	76	\$ 679.20	

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Invoice #3399

Rig #4

Cost Summary - JW Garrison #7 Purchase Order #05-199-000093 and #05-199-000188

ID#	Date	Item Description	Units	Unit Cost	Extension
Third Party Services Continued:			Page # of 124		
G30	7/19/04	Three Rivers, Inv #RC-73978, haul disposal water	77 - 78	\$ 150.00	
G31	7/19/04	Basin Disposal, #92266, load disposal fluid	79	\$ 60.00	
G32	7/21/04	Three Rivers, Inv #RC-74048, haul disposal water	80 - 81	\$ 200.00	
G33	7/21/04	Basin Disposal, #92343, 2 load disposal fluid	82	\$ 120.00	
G34	7/22/04	Key Trucking, Inv #164065027, haul disposal water	83 - 88	\$ 1,828.99	
G54	7/29/04	Envirotech, Inv #, water testing	89	\$ 969.00	
G35	7/22/04	Basin Disposal, #92379, 2 load disposal fluid	90	\$ 120.00	
G36	7/22/04	Scat Hot Wash, Inv # 407029, clean cement out of #255	91 - 92	\$ 363.50	
G37	7/23/04	Farmers Market, credit card rcpt, 25# sugar	93	\$ 11.29	
G38	7/23/04	Basin Disposal, #92417, 5 loads disposal fluid	94 - 95	\$ 300.00	
G39	7/15/04	Farmers Market, credit card rcpt, 25# sugar	96	\$ 11.29	
G40	7/17/04	Farmers Market, 25# sugar for waste pit	97	\$ 11.29	
G41	7/16/04	Triples S, Inv #A74835, haul load to disposal	98 - 100	\$ 162.00	
G42	7/12/04	Rig Equip, Inv #059557, 10-3/4" collar & nipple	101	\$ 653.58	
G43	7/20/04	Baker Oil Tools, #722411, cross over rental & repair	102- 103	\$ 140.00	
G44	7/26/04	Basin Disposal, #92529, 1 load disposal fluid	104 - 105	\$ 60.00	
G45	7/27/04	Basin Disposal, #92568, 3 loads disposal fluid	106 - 107	\$ 180.00	
G46	7/28/04	Dawn Trucking, Inv #177382, 1 load disposal	108	\$ 130.00	
G47	7/28/04	Basin Disposal, #92595, 1 load disposal fluid	110 - 111	\$ 60.00	
G48	7/29/04	Weatherford, # 0016361-001, mills & tools rental	112 - 117	\$ 4,115.53	
G49	7/29/04	Weatherford, # 00166416-001, drill collars & pipe rental	118 - 120	\$ 7,418.20	
G50	7/30/04	GCE, Inv #327, trash basket & toilet	121	\$ 454.00	
G51	7/30/04	IEI, Inv #4240, waste solids & fluid disposal from steel waste tank and clean gray mud pit;	122 - 123	\$ 2,986.00	
G52	7/30/04	Lucero Construction, #670596, Haul soil to IES	124	\$ 617.50	
G55	8/11/04	Blagg Engineering, Soil Sampling Report	125	\$ 161.50	
G56	8/16/04	Weatherford, #2x-0016650-001, drill string repairs	127	\$ 836.00	
Total				\$50,151.17	
Third Party Handling Charge - 8.0%				0.08	\$ 4,012.09 \$ 54,163.26

A-PLUS WELL SERVICE, INC.

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

COPY

July 31, 2004

New Mexico Oil Conservation Division

9 of 9

Aztec District

1000 Rio Brazos Road

Invoice #3399

Rig #4

Aztec, NM 87410

Cost Summary - JW Garrison #7 Purchase Order #05-199-000093 and #05-199-000188

ID#	Date	Item Description	Units	Unit Cost	Extension
-----	------	------------------	-------	-----------	-----------

Materials or Services Not In Price Agreement, Contractor Provided:

Page # of 16

H1	7/13/04	Cross over spool, 11" 3M x 7-1/16",	3	\$ 100.00	
H2	7/14/04	8-3/4" tooth bit, rental,	5	\$ 300.00	
H3	7/13/04	4-3/4" tooth bit, rental,	4	\$ 150.00	
H4	7/14/04	3-1/2" Stripping rubber, sale,	4	\$ 100.00	
H5	7/14/04	2-7/8" Stripping rubber, sale,	4	\$ 100.00	
H6	7/15/04	7-7/8" tooth bit, rental	6	\$ 250.00	

Total	\$ 1,000.00	
Pricing Discount per Purchase Agreement - 2%	0.02	\$ (20.00) \$ 980.00

TOTAL \$105,199.01

TAX 6.3750% \$ 6,706.44

THANK YOU

TOTAL DUE \$111,905.45

OK for PAYMENT
Charlie Herrin

**NMOCD AZTEC DISTRICT
Unit Price Schedule**

Date: July 8, 2004

Well Name: J. W. Garrison #7API #30-045-N/ALocation: Unit g, Sec. 22, T-29-N, R-11-W

UPS ID#	Item - (Refer to UPS Specifications for details)	Units	Quantity	Unit Cost	Extension
A	WORK OVER RIG LABOR AND EQUIPMENT				
A1	Contractors Supervisor / Cementer	\$ / day	14	\$250.00	\$3,500
A2	Crew Travel, round trip time	\$ / hour	8	\$112.00	\$896
A3	Shallow Rig - (less than 3000') and equipment	\$ / hour		\$140.00	
A4	Standby rate for shallow rig and equipment	\$ / hour		\$120.00	
A5	Double Derrick Rig - (greater than 3000') and equipment	\$ / hour	140	\$174.00	\$24,360
A6	Standby rate for double derrick rig and equipment	\$ / hour		\$150.00	
A7	Drilling package - power swivel or power sub	\$ / day	14	\$200.00	\$2,800
A8	Coiled tubing skid (manual spool with poly pipe)	\$ / hour		\$20.00	
A9	Subsistence, when required to be away overnight	\$/man/day		\$80.00	
B	CEMENTING SERVICES				
B1.1	Cementing equipment on location	\$ / day	14	\$450.00	\$6,300
B1.2	Maximum working pump pressure, continuous	psi	2500#	N/A	
B2	Cement equipment travel, round trip miles	\$ / mile	10	\$3.00	\$30
B3	ASTM Type II Cement, 94# sack - FOB location	\$ / sack	500	\$10.50	\$5,250
B4	Class H Cement, 94# sack - FOB location	\$ / sack		\$20.00	\$0
B5	Calcium Chloride, per pound used	\$ / lb		\$0.60	\$0
C	WIRELINE SERVICES				
C1.1	Wireline unit on location for each day used	\$ / day	2	\$250.00	\$500
C1.2	Maximum working depth for wireline unit	feet	10000'	N/A	
C2	Wireline travel, round trip miles	\$ / mile		\$3.00	
C3	Perforate 3 holes, includes depth charge	\$ / event	1	\$300.00	\$300
C4	Additional holes when perforating, per hole	\$ / hole		\$20.00	
C5	Gauge ring run in tubing or casing	\$ / event	1	\$200.00	\$200
C6	Jet cut tubing (1-1/4 to 2-7/8")	\$ / event		\$740.00	
C7	Jet cut casing (3-1/2" to 7")	\$ / event		\$820.00	
C8	Tubing or casing collar split shot	\$ / event		\$740.00	
C9.1	Cement Retainer, 2-7/8", includes setting charge	\$ / each		\$800.00	
C9.2	Cement Retainer, 3-1/2", includes setting charge	\$ / each		\$850.00	
C9.3	Cement Retainer, 4-1/2", includes setting charge	\$ / each		\$900.00	
C9.4	Cement Retainer, 5-1/2", includes setting charge	\$ / each		\$900.00	
C9.5	Cement Retainer, 7", includes setting charge	\$ / each		\$1,100.00	
C9.6	Cement Retainer, 7-5/8", includes setting charge	\$ / each		\$1,400.00	
C10.1	Cast Iron Bridge Plug, 2-7/8", includes setting charge	\$ / each		\$400.00	
C10.2	Cast Iron Bridge Plug, 3-1/2", includes setting charge	\$ / each		\$400.00	
C10.3	Cast Iron Bridge Plug, 4-1/2", includes setting charge	\$ / each		\$500.00	
C10.4	Cast Iron Bridge Plug, 5-1/2", includes setting charge	\$ / each		\$550.00	
C10.5	Cast Iron Bridge Plug, 7", includes setting charge	\$ / each		\$700.00	
C10.6	Cast Iron Bridge Plug, 7-5/8", includes setting charge	\$ / each		\$850.00	

**NMOCD AZTEC DISTRICT
Unit Price Schedule**

Date: July 8, 2004

Well Name: J. W. Garrison #7API #30-045-N/ALocation: Unit g, Sec. 22, T-29-N, R-11-W

D	PACKERS, RETAINERS AND CASING SCRAPERS				
D1	Packer rental, 2-7/8" or 3-1/2" casing	\$ / event		\$600.00	
D2	Packer rental, 4-1/2", or 5-1/2" casing	\$ / event		\$800.00	
D2.1	Packer rental, 7" or 7-5/8" casing	\$ / event		\$900.00	
D3.1	Tubing Set Cement Retainer, 2-7/8"	\$ / event		\$1,600.00	
D3.2	Tubing Set Cement Retainer, 3-1/2"	\$ / each		\$1,600.00	
D3.3	Tubing Set Cement Retainer, 4-1/2"	\$ / each		\$900.00	
D3.4	Tubing Set Cement Retainer, 5-1/2"	\$ / each		\$900.00	
D3.5	Tubing Set Cement Retainer, 7"	\$ / each		\$1,100.00	
D3.6	Tubing Set Cement Retainer, 7-5/8"	\$ / each		\$1,400.00	
D4	Casing Scraper, 4-1/2", 5-1/2", with used bit	\$ / each		\$250.00	
D4.1	Casing Scraper, 7" and 7-5/8", with used bit	\$ / each		\$400.00	
E	WORK STRINGS & MISCELLANEOUS RENTALS				
E1.1	Tubing work string, Size -2-3/8", EUE, suitable	\$ /foot /day		\$0.12	
E1.2	Tubing work string, Size -1-1/4", IJ, suitable	\$ /foot /day		\$0.10	
E2.1	Tubing replacement, 2-3/8' EUE	\$ / foot		\$1.20	
E2.2	Tubing replacement, 1-1/4" IJ	\$ / foot		\$0.80	
E3.1	BOP Ram Rental, 1", 1-1/4", 1-1/2", 2-1/16", 3-1/2"	\$/first 5 days		\$100.00	
E3.2	BOP Ram Rental, 1", 1-1/4", 1-1/2", 2-1/16", 3-1/2"	\$/ add days		\$10.00	
E3.3	BOP Ram Rental, offset 1", 1-1/4", 1-1/2", 2-1/16"	\$/first 5 days		\$200.00	
E3.4	BOP Ram Rental, offset 1", 1-1/4", 1-1/2", 2-1/16"	\$/ add days		\$20.00	
E4.1	Offset spool, 7-1/16", 3M with bolts and ring gasket	\$/first 5 days		\$100.00	
E4.2	Offset spool, 7-1/16", 3M with bolts and ring gasket	\$/ add days		\$10.00	
E5.1	MYT Slip Grip Elevators for 2-1/16", 2-3/8" or 2-7/8"	\$/first 5 days		\$200.00	
E5.2	MYT Slip Grip Elevators for 2-1/16", 2-3/8" or 2-7/8"	\$/ add days		\$20.00	
E6.1	BOP Companion Flange, Rector or National Type E	\$/first 5 days		\$50.00	
E6.2	BOP Companion Flange, Rector or National Type E	\$/ add days		\$5.00	
E6.3	BOP Companion Flange, 3-1/2", 4-1/2" or 5-1/2"	\$/first 5 days		\$50.00	
E6.4	BOP Companion Flange, 3-1/2", 4-1/2" or 5-1/2"	\$/ add days		\$5.00	
E6.5	BOP Companion Flange, 7", 7-5/8" or 8-5/8"	\$/first 5 days	1	\$50.00	\$50
E6.6	BOP Companion Flange, 7", 7-5/8" or 8-5/8"	\$/ add days	10	\$5.00	\$50
E7.1	Tubing Head for 4-1/2", 5-1/2", or 7" casing	\$/first 5 days	1	\$100.00	\$100
E7.2	Tubing Head for 4-1/2", 5-1/2", or 7" casing	\$/ add days	10	\$10.00	\$100
E8	Rod Power Tongs	\$ / day		\$50.00	
E9	Rental of a 2-3/8" or 2-7/8" standing valve	\$ / day		\$50.00	
E10	Rental of overshot to fish standing valve	\$ / day		\$100.00	
E11	Rental of bit sub, for first 5 days	\$/first 5 days		\$50.00	
E11.1	Rental of bit sub, additional days	\$/ add days		\$5.00	
E12	Blow down tank with steel lines	\$ / day		\$50.00	
E13	Steel pit, min. 180 bbls with shale shaker and mud guns	\$ / day	15	\$60.00	
E14	Waste fluid container, minimum 80 bbl capacity	\$ / day	15	\$30.00	\$450

**NMOCD AZTEC DISTRICT
Unit Price Schedule**

Date: July 8, 2004

Well Name: J. W. Garrison #7API #30-045-N/ALocation: Unit g, Sec. 22, T-29-N, R-11-W

F	TRANSPORTATION AND MISC. SERVICES				
F1	Tandem Rig Up Truck with driver	\$ / hour	20	\$74.00	\$1,480
F2	Helper or swamper with rig up truck	\$ / hour	20	\$20.00	\$400
F3	Single axel winch truck winch driver	\$ / day		\$50.00	
F4	Tandem axel float or trailer, 30' or larger	\$ / day	15	\$15.00	\$225
F5	Non-vacuum Water Truck with driver, 75 bbls	\$ / hour		\$40.00	
F6	Vacuum Water truck with driver, 80 bbls	\$ / hour	20	\$50.00	\$1,000
F7	Backhoe services	\$ / hour	16	\$50.00	\$800
F8	Labor and materials to install pit liner (10 mills thick)	\$ / event		\$400.00	
F9	Labor and materials to fence pit, up to 10' x 20'	\$ / event		\$100.00	
F10	Welder, including equipment and travel	\$ / hour	10	\$50.00	\$500
F11	P&A Marker per NOMAD specifications	\$ / each	1	\$120.00	\$120
F12	Test existing anchors	\$ / set	1	\$160.00	\$160
F13	Installation and testing of new anchors, set of 4	\$ / event	1	\$500.00	\$500
F14	Cost to purchase fresh water various providers	\$ / 80 bbls	8	\$20.00	\$160
G	THIRD PARTY CHARGES				
G1	All items provided by a third party, plus handling fee	8.0 %			
	Disposal of dirt at land farm	\$ 300.00			
	Disposal fluid from waste steel pit	\$ 1,000.00			
	Disposal fluid from mud pit	\$ 3,000.00			
	Disposal hauling	\$ 1,200.00			
	Culvert at surface	\$ 300.00			
	Redimix cement to set culvert	\$ 200.00			
	Drill bits, bit subs, drill collars	\$ 4,000.00			
	Drill pipe rental, 2-7/8"	\$ 2,500.00			
	Miscellaneous items	\$ 4,000.00			
		\$ 16,500.00	\$ 1,320		\$ 17,820.00
H	MATERIALS OR SERVICES NOT IN PRICE AGREEMENT				
H1	Contractor provided items not on price agreement, discount	< 2.0 %>			
Sub Total					\$68,051
GROSS RECEIPTS TAX -			6.375%		\$4,338
Well or Project Total					\$72,389

Section A

16 pages

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 * fax: 505-325-1211

Bloomfield Oil & Gas

JW Garrison #7

2400' FNL & 2310' FEL, Section 22, T-29N, R-11-W

San Juan County, NM

Fee Lease, API #30-045-32453

July 31, 2004

Page 1 of 2

Plug & Abandonment Report

Work Summary:

Notified by the NMOCD on 7/8/04

- 7/09/04 Dig out existing 10" casing stub and install a 20" x 20' conductor pipe, cement outside to surface.
- 7/10/04 Install sump pump in conductor to pump water flow to steel pit.
- 7/12/04 MOL & RU. Set drilling equipment and drill collars. Weld collar to casing stub. Install flange
- 7/13/04 NU BOP. PU 8-3/4" bit, drill cement from surface to 10'. Wash down to 15', began circulating to surface outside conductor. PU 4-3/4" bit and drill hard for 12". TIH with 2-3/8" tubing to 16' and set Plug #1 with 40 sxs, circulate cement to surface
- 7/14/04 Drill cement from 8' to 16' with 8-3/4" bit. Then drilling hard with rubber and wood in returns. Some circulation outside 10" casing inside 20" conductor. PU 8-3/4" skirted washover mill and mill from 16' to 22'. TOH and inspect mill. Ran impression block. TIH with 4-1/2" mill, no tag. TIH with 6-1/4" mill, ream out at 22'. TIH to 180'. POH.
- 7/15/04 TIH with drill collars and 6-1/4" tapered mill. Ream at 90', set down at 138'. Wash down/drill out to 180'. Continue to drill down to 420'. Circulation had been somewhat outside the 10" casing, then started outside the 20" conductor near the pipe racks and rig pads. Lost circulation to pit, all flow outside casing and conductor. TOH with 8-3/4" bit. TIH with 7-7/8" bit to 360'. Drilled down to 378', all circulation outside casing and culvert. TOH and stand back drill collars. TIH with 7-7/8" bit and drill pipe to 370'. Plug #2 with 40 sxs cement at 340'. TOH and attempt to squeeze cement. Shut in.
- 7/16/04 At 7:00 AM found water flow had increased outside conductor and flowing onto location. TIH with 7-7/8" bit to 368', did not tag cement. Ran 8-5/8" Baker cement retainer to 250', would not set. Determined to have open hole below the 10" casing.
- 7/17/04 RU casing crew and ran 16 joints new 7" 23# J-55 casing, set at 357'. RU Key Cementing and established circulation, most of returns outside the 20" conductor. Strong water flow for past 48 hours, approximately 50 bbls per hour. Sampled water. ND 10" BOP and land 7" casing. Cement 7" casing with 220 sxs Class B with 3% CaCl₂ and 1/2 # celloflane flakes per sack. Circulated good cement to surface, could only displace to 83'; pressured up to 1000#. Shut in well.

7/19/04 NU 7-1/16" BOP and RU drilling equipment. TIH with 6-1/4" bit to 75' Drill out hard cement to 210'. Circulate well clean.

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 * fax: 505-325-1211

Bloomfield Oil & Gas

JW Garrison #7

2400' FNL & 2310' FEL, Section 22, T-29N, R-11-W

San Juan County, NM

Fee Lease, API #30-045-32453

July 31, 2004

Page 2 of 2

Plug & Abandonment Report

Work Summary Continued:

7/20/04 Drill cement from 210' to 365'. Drill easy for 3' then continue drilling hard from 368' to 370. Returns are formation and sand. TOH with bit, missing teeth. TIH with 6-1/4" tapered mill to 300'.

7/21/04 Overnight SI Casing pressure – 50#, moderate water flow. Drill from 370 to 390', lost circulation and plugged bit. TOH and LD drill collars, small ID. TIH with drill pipe and drill down to 460'. Plugged bit again, TOH. TIH and continue to drill at 440'.

7/22/04 Overnight SI Casing pressure – 50#. Ream out from 370' to 380'. Drill out from 430 to 554'. Well making water and some gas.

7/23/04 Overnight SI Casing pressure – 45#. Drill out from 544' to 585', while making connection plugged mill. Tag fill at 545', while circulating well plugged mill again. TIH and tag at 491', wash down to 554' and plugged mill again. Short trip and then tagged fill at 444'. TOH with mill and TIH with 6-1/4" bit.

7/26/04 Over weekend SI Casing pressure – 50#. Well continues to flow water. TIH to 524'. Drill out to 585'. Circulate well, make connection and drill out to 600'. Well sticky, not carrying cutting to surface. Circulate well at 585'.

Plug #3 with 36 sxs Type III cement (51 cf) in open hole interval from 585' to 435' to isolate the Farmington formation from the Ojo Alamo. TOH with drill pipe.

7/27/04 Overnight SI Casing pressure – 50#. Well flowing water to pit. TIH and tag cement at 542'. RU drilling equipment and clean out 1' fill and then found hard cement at 548'. TOH with 6-1/4" bit. TIH to 543'.

Plug #4 with 36 sxs Type III cement (51 cf) in open hole interval from 543' to 394' to cover the Ojo Alamo top. TOH with drill pipe. TIH and set a 7" cement retainer at 337'. Establish rate below CR 1.5 bpm at 300#.

Plug #5 with cement retainer at 337', mix and pump 58 sxs Type III cement (81 cf), squeeze 50 sxs below CR into open hole interval below the 7" casing shoe at 357' and leave 8 sxs above CR up to 287'. PUH to 124'.

Plug #6 with 25 sxs Type III cement (33 cf) inside the 7" casing from 124' to surface, circulate good cement out the casing valve. TOH and LD drill pipe.

Dig out wellhead and cut off 10" and 7" casings. Fill 7" casing with 12 sxs cement.
Weld on P&A marker.

7/28/04 RD and MOL. Clean up location. C. Perrin with NMOCD on location.

Daily Report

A - PLUS WELL SERVICE

18796

P.O. BOX 1979 • FARMINGTON, NM 87499
505-325-2627 • FAX (505) 325-1211Rig No. #4Date 07/09/04 Day Friday & Saturday
07/10/04
Company NMOCWell Name Garrison #7

7/9/04

FROM	TO	Friday 07/09/04	DESCRIPTION OF OPERATION
7:00	7:45		Perform site visit
7:45	9:30		
9:30			Clear location w/ backhoe & prep to dig out @ well.
11:30	11:30		- Dig out around well to +/- 16'. Install 24" culvert & cement in place w/ 10 yds Redi-mix. (Sky Ute Redi-Mix)
			Set 4 anchors & test same - MO-TE.
			Clear location of wet dirt around well haul to IET (Lucero Construction)
		Saturday 07/10/04	
6:30			Travel to location. Load dump truck w/ dirt from around well haul & haul to IET. Install sump pump to keep fluid level down.
4:00			Note: fluid in 24" culvert +/- 5' above ground level @ 12:00 PM
		Lucero Construction: 07/09/04	\$420.00
		07/10/04	\$180.00
		Sky Ute Redi-mix: 07/09/04	\$774.26

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers _____

Cementing _____

Wireline _____

One Day →

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	Chris L. Clark			
Operator				
Helper				
Helper				
Helper				
Trainee				

RCI-0801114A

A 1/16

Daily Report

A - PLUS WELL SERVICE

18796

P.O. BOX 1979 • FARMINGTON, NM 87499
505-325-2627 • FAX (505) 325-1211Rig No. #4Date 07/09/04 Day Friday & SaturdayWell Name Garrison #7Company NMOCO

FROM	TO	DESCRIPTION OF OPERATION
7:00	7:45	Perform site visit
7:45	9:30	Clear location w/ backhoe & prep to dig out @ well.
9:30	11:30	- Dig out around well to +/- 16'. Install 24" culvert & cement in place w/ 10 yds Redi-mix. (Sky Ute Redi-Mix)
11:30		Set 4 anchors a test same - MO-TE.
		Clear location of wet dirt around well haul to IET (Lucero Construction)
		<u>Saturday 07/10/04</u>
<u>6:30</u>		<u>Travel to location. Load dump truck w/ dirt from around well haul a haul to IET. Install sump pump to keep fluid level down.</u>
		<u>Note: fluid in 24" culvert +/- 5' above ground level @ 12:00 PM</u>
		Lucero Construction: 07/09/04 \$420.00
		- 07/10/04 \$480.00
		Sky Ute Redi-mix: 07/09/04 \$774.26

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers _____

Cementing _____

Wireline _____

One Day

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	Chris L. Clark			
Operator				
Helper				
Helper				
Helper				
Trainee				

2/16

22801

Date 7-12-04 Day mon.

Well Name GARRISON #7 Company NMOC-D

[illegible]

Fuel & Motor Oil _____ Water Hauled 1-Ld A-Plus Bloomfield City water
 Rental Equipment _____ Cement Retainers _____
 Cementing #24 - haul BOP Haul Water
 Wireline Winch Truck - #124 - 3 hrs @

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL	14		
Operator	C. ADAMS	9		8
Helper	J. STASH			8
Helper	J. TORRES			8
Helper	R. CASTELLON			8
Trainee				

3/16

Rig No. 4Date 7-13-04 Day TUE.Well Name J.W. GARRISON #7 Sec 22 T29N Company Bloomfield O&G
R11W 90 NMOC

FROM	TO	DESCRIPTION OF OPERATION
7:00	7:15	LOAD SUPPLIES
7:15	7:45	TRAVEL TO LOC.
7:45	8:00	SERV. EQUIP + HSM on JSA
8:00		UNLOAD 10" KAT BOP, NU BOP, RUPPT
		TALLY 6 DC'S + connections, P.H. swivel
		P.H. 1-DC, 1-X-over, 1-8 3/4 bit, STRIP-ON flange 10X7 1/2
	10:15	w/STRIPPING-HEAD, NU flange
10:15		LOAD + EST circulation out 10 3/4 csg.
		Begin drilling, drilled out about 8-10' of HARD cement,
		fell thru began circulation sand w/BLACK H2O,
		drilled about 4-6' lost circulation out csg, begin
		circulation out 20" culvert
	12:00	SD + wait on water truck, drilled on something hard
12:00		POOH, ck 8 3/4 bit, no wear, P.H. 4 3/4 bit, start drilling
		on ^{something} hard. used water truck to suck-out culvert, no
		circulation out csg, DRILLED 6-12" on hard spot
		POOH, ck 4 3/4 bit, inside cones were down about 3" circle
	3:00	LD swivel
3:00		P.H. 20' of 2 3/8 sub, R1H + tag, circulate 10 3/4 csg
		fairly clean w/10 BALS out culvert
		Pump Plug #1 w/31 sxs 14-5" cement from about 16' to surface
		circulate good cement out culvert.
		POOH w/ tag + wash-up equip
		watch culvert for water flow (OK'd by Charlie) R1H w/ tag
		into culvert (20X10 3/4) Pump Plug #1A w/19 sxs 14-5" cement
		circulate good cement up culvert, POOH w/ tag, wash-up equip.
		WOC
		1-3 1/2 S. RUBBER
6:15	6:45	TRAVEL BACK
		1-2 3/8 S. RUBBER
		Charlie P. w/NMOC on loc

Fuel & Motor Oil used 255, 124, 24 w/float Water Hauled 1-Ld Bloomfield city water

Rental Equipment _____ Cement Retainers _____

→ Cementing Plug #1 31 sxs Plug #1A 19 sxs

Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL	14		
Operator	G. ADAMS	9		12 1/4
Helper	J. STASH			11 3/4
Helper	J. TORRES			11 3/4
Helper	R. CASTELLON			11 3/4
Trainee				

Daily Report

A - PLUS WELL SERVICE

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22804

Rig No. 4Date 7-14-04 Day WED.Well Name GARRISON #7Company NMOLD

1/2 hr Tr.

FROM	TO	DESCRIPTION OF OPERATION
5:30	6:30	ATTEND SAFETY MEETING AT ST COLLEGE, CHRIS A. Romeo C.
6:30	7:00	LOAD SUPPLIES
7:00	7:30	TRAVEL TO LOC.
7:30	8:00	SERV. EQUIP & HSM on JSA
8:00		P.H. swivel, 1-D.C. w/8 3/4 cone bit, R/H & TAG LOC AT 8'
		st circulation & begin drilling, drilled down to 16' good cement returns, tag HARD SPOT AT 16', START circulating bits of rubber, wood & some SAND
		DRILLED down about 1', still circulating out csg & 20' returns
11:45		POOH w/ bit & inspect no wear or damage, LD 8 3/4 bit
		P.H. 8 3/4 skirted mill w/ 7" mill w/ 1 1/2 dress-off tool
		Ream-out 8 3/4 to 16'
		DRILLED down about 6', RETURN of wood & pieces of rubber
		POOH & inspect 7" mill, no damage, LD dress-off tool
		P.H. 8 3/4 head block, R/H & bump stick at 22' 3X
		POOH & inspect, had 2-3 indentation on 1-side
		POOH & LD
		P.H. 1-32' 1 1/4 JT & kg, R/H & work past bad spot at 22'
		R/H to 30' & POOH
		P.H. 4 1/2 TAPER mill R/H to 30' did not tag anything
		POOH & LD 4 1/2 mill
		P.H. 6 1/4 TAPER MILL R/H to 22' & Ream-out
6:00		R/H w/ 6-3 1/2 DC's TOTAL TO 180' & circulate clean
6:00		LD swivel, P.H. TONGS, STAND BACK DC's
	6:30	secure loc.
6:30	7:00	TRAVEL BACK

11 hr Rig

1/2 hr T

H-2

Fuel & Motor Oil _____ Water Hauled C. Perran NMOLD on loc.

Rental Equipment _____ Cement Retainers _____

Cementing _____

Wireline _____

One Day →

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL	14		
Operator	C. ADAMS	9		13 1/2
Helper	J. STASH			13 1/2
Helper	J. TORRES			13 1/2
Helper	R. CASTELLON			13 1/2
Trainee				

Daily Report

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22805

Rig No. 4Date 7-15-04 Day THURWell Name GARRISON #7Company NMOCLO

FROM	TO	DESCRIPTION OF OPERATION
7:00	7:15	LOAD SUPPLIES
7:15	7:45	TRAVEL TO LOC.
7:45	8:15	SERV. EQUIP + ASM on JSA
8:15		OPEN-UP WELL @, TIH w/1 1/4 B MILL + 4-3 1/2 D.C. TAG + worked AT 90', RTH w/1-STAND TAB AT 138' unable to work-down LD 2-D.C., + TONGS, TIH w/1-STAND 3 1/2 D.C. P.H. swivel w/1-D.C., circulate down, P.H. 1-D.C. circulate down to 180', circulate for 10 mins, circulate some mud, very little sand, black mud & DIRT
9:15		START P.H. 2 7/8 DP, TAB AT 190, drilled down fairly fast DRILLED down 1-DP circulate clean about 5 mins. (same returns) drilled down to 420' water flow around culvert STARTED, inside culvert increased lost circulation to rig pit. POOH w/workstring P.H. 1-7 7/8 cone bit, RTH to about 360' DRILLED down to 378', unable to get further circulating, silt, had H2O trucks sucking out cellar no circulation to rig pit. POOH LD 7 7/8 bit TIH w/2 7/8 DP TO 370 + TAB, LD 1-DP EODP AT 360 Pump 50/313LS water to circulate clean Pump Plug #2 w/40sxs 14-5 T-cement (360-210) TOC 207 (52.5/1.3) SB DP, S.I.W + THEN ATTEMPT TO SQUEEZE cement
7:15		pumped 1 1/2 bbls w/NO PSI, secure loc.
7:15	7:45	TRAVEL BACK

H-6

Fuel & Motor Oil DENNY FORTZ Charlie PERRIN w/NMOCLO on water Hauled 3-Lds A-Plus
 Rental Equipment _____ Cement Retainers _____
 Cementing Plug #2 40sxs
 Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL	14		
Operator	C. ADAMS	9		12 3/4
Helper	J. STASH			12 3/4
Helper	J. TORRES			12 3/4
Helper	R. CASTELLON			12 3/4
Trainee				

6/16

Rig No. 4

Date 7-19-04 Day mon

Well Name GARISON #7

Company ARMCO

FROM	TO	DESCRIPTION OF OPERATION
7:00	7:15	LOAD SUPPLIES
7:15	7:45	TRAVEL TO LOC.
7:45	8:15	SERV. EQUIP. + HSM on JSA
8:15		CK PRESSURE ON KEY'S 7" BEMENT HEAD
		REMOVE HEAD, WATER in 7" csg w/ few bubbles of gas
		NU A-PLUS BOP ON TX 8 5/8" flange, on 8 5/8" WEATHERFORD
		SCREW-ON flange, X-OVER to 2 7/8" A-PLUS RAMS. NU
		STRIPPING HEAD, floor, slips + LARDS
		P.H. 6 1/4" SHORT-TOOTH cone bit, T.H. w/ 3-3 1/2" D.C.
		TAG TOC AT 75', LD 2-3 1/2" D.C. P.H. surge 4 1/2" D.C.
		P.H. + LOAD 11" BOP, weatherford tools, pump
		wait on Cimmaron Oilfield Services to clean-out Rig-pit
		LOAD + circulate 7" csg, begin drilling At 75' w/ 6 1/4" BIT.
		DRILLED DOWN TO 210', circulate clean for 10 mins.
		PUH TO 190', S.I.W., SDFD
6:00	6:30	TRAVEL BACK

1-22 DISPOSAL 255 + 60⁰⁰ FEE

Fuel & Motor Oil Charlie P. w/numocw on hoc. Water Hauled 3-2 dr A-plus Well city #265

Rental Equipment _____ Cement Retainers _____

Cementing _____

Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL	14		
Operator	C. ADAMS	9		11½
Helper	J. STASH			11½
Helper	J. TORRES			11½
Helper	R. CASTELLON			11½
Trainee				

9/15

22809

Rig No 4

Date 7-20-04 Day TUE.

Well Name GARRISON # 7

Company NMACO

[illegible]

Fuel & Motor Oil _____ Water Hauled Charlie P. w/wmoco on hoc

Rental Equipment _____ Cement Retainers _____

Cementing _____

Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL	14		
Operator	C. ADAMS	9		15
Helper	J. STASH			11½
Helper	J. TORRES			11½
Helper	R. CASTELLON			11½
Trainee				

10/16

Daily Report

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22810

Rig No 4Date 7-21-04 Day WEDWell Name GARRISON #7Company NMOCU

FROM	TO	DESCRIPTION OF OPERATION
7:00	7:15	LOAD SUPPLIES
7:15	7:45	TRAVEL TO LOC.
7:45	8:15	SERV. EQUIP. + HSM on JSA
8:15		RU Gauge on 7" csg had 50", open up csg + blow-down flowing water
		PU 1 STAND TO 360', LD TONGS, PU swivel + 1 1/4 2 3/8 DP, ^{light} TAIL AT 370', circulate 5 mins, begin drilling + circulating down to 390', circulating cement, sand + BLACK water lost circulation. DC + DP Plugged, LD swivel
		PU TONGS, POOH w/ 7 DP, 7" DP half-filled w/ fill
		LD + clean-out 180' of DC's, clean out Bit Sub + T-mill TIH w/ 6 1/4, 2 3/8 DP, TAIL AT 370' worked thru
		RIH TO 390', LD TONGS, PU swivel w/ 1 1/4; 2 3/8 DP DRILLING down to 460', drilling down slowly + circulate at 2-2 1/2 BPM at 200', DP plugged off, LD swivel
		POOH, DP clear, T-mill + bitsub plugged w/ BLACK-coal looking fill, cement + SAND, clean-out, ck DP on way in, TIH try at 440', drilled down to 460' circulate clean for 15 mins, LD swivel
		PU TONGS, POOH up to 370', T-mill hanging-up
6:00	6:00	worked thru, POOH up to 280', S.L.W + secure loc.
6:00	6:30	TRAVEL BACK
		1-2 3/8 si rubber
		2 lds 3-RIVER STD BASIN
		1-ld 255 + STANWAY

Fuel & Motor Oil Charlie P. w/ NMOCU on loc Water Hauled _____

Rental Equipment _____ Cement Retainers _____

Cementing _____

Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL	14		
Operator	C. ADAMS	*255		12 1/2
Helper	J. STASH			11 1/2
Helper	J. TORRES			11 1/2
Helper	R. CASTELLON			11 1/2
Trainee				

11/16

22811

Date 7-22-04 Day THUR

Company NMOC

$$\frac{1}{2} h T$$

10 1/4 km
Rig

 $\frac{1}{2} \ln T$

2 Lds air water
3 Ld disposal

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers _____

Cementing _____

Wireline _____

One Day

12/16

Daily Report

A - PLUS WELL SERVICE

P.O. BOX 1979 • FARMINGTON, NM 87499
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22812

Rig No. 4Date 7-23-04 Day FRI.Well Name J. W. GARRISON #7Company NMOCED

1/2 h T

10 1/4

Ris

FROM	TO	DESCRIPTION OF OPERATION
7:00	7:15	LOAD SUPPLIES
7:15	7:45	TRAVEL TO LOC.
7:45	8:15	SERV. EQUIP & HSM on JSA Grudge well 48"
8:15		OPEN-UP WELL Flowing H ₂ O + some gas
		TIH w/ 2 STANDS, P.H. 2 1/2", 20 TONKS
		P.H. swivel w/ 1 1/2" TAP Fill AT 544'
		clean-out to 554'
		START DRILLING & cleaning out, circulating sand & cement
		1/8" to 1/4" rock, drilled down to 585', circulate for 30 mins
		convention, go to make connection, attempt to est.
		circulation T-mill plugged
		POOH & found 1/8" to 1/4" rocks, cement, in T mill, clean-out
		TIH to 554'
		P.H. swivel & 1 1/2" clean-out to 585'
		circulate for 50 mins. Attempt connection, bit & tbg
		plugged-off
2:30		POOH & clean-out, (LD 4 1/2")
2:30		TIH TO 491, P.H. SWIVEL w/ 1 1/2", began reverse circulation
		down to 5540', circulating 1/2 to 1 1/4 chunk of cement
		plugging T-mill off, start circulating conventional & not able
		to circulate hole clean, STOP PUMP, let sit for 5 mins
		TAP AT 444'
		POOH, LD T-mill, showing wear at TAPERED END
6:00		P.H. 6 1/4 come bit TIH to 330', S.L.W & secure loc.
6:00	6:30	TRAVEL BACK
		1-2 7/8 STAIR/RUBBER

Fuel & Motor Oil _____ Water Hauled 1-Ld CITY, A-Plus #265 5-Ld to BASIN

Rental Equipment _____ Cement Retainers C. PERRAN w/ NMOCED on loc.

Cementing _____

Wireline _____

One Day

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL	14		
Operator	C. ARAMS	9		11 1/2
Helper	J. STASH			11 1/2
Helper	J. TORRES			11 1/2
Helper	R. CASTELLON			11 1/2
Trainee				

13/10

22813

Rig No. 4

Date 7-26-04 Day mon.

Well Name J. W. Harrison 7

Company ALMACO

[illegible]

Fuel & Motor Oil C. Perrin w/WMACD on log Water Hauled A-Plus #255 1- disposal

Rental Equipment _____ Cement Retainers _____

Cementing Plg # 3 36502

Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL	14		
Operator	C. ADAMS	161	9	12 1/2
Helper	J. STASH			11 3/4
Helper	J. TORRES			11 3/4
Helper	R. CASTELLON			11 3/4
Trainee				

$$\frac{14}{16}$$

Daily Report

A - PLUS WELL SERVICE

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22816

Rig No. 4Date 7-27-04 Day Tue.Well Name J.W. LARRISON # 7Company NMOC

FROM	TO	DESCRIPTION OF OPERATION
7:00	7:15	LOAD SUPPLIES
7:15	7:45	TRAVEL TO LOC.
7:45	-	SERV. EQUIP. + HSMAN TSA, buage 7" csg. 50", open-up to RIL PIT flowing light grayish color water TIH w/7 STANDS, NO TAIL AT 370', P.H. 4 1/2" DP, TAIL w/12" STICK-UP TAIL TOG AT 542', LD 18" + TONGS, P.H. 9 1/2" + 1 1/2", extension + START DRILLING w/REVERSE circulation, drilled about 1' of fill SAND + green cement, START DRILLING hard cement down TO 548' + circulate clean for 10 mins, LD 9 1/2" P.H. TONGS, POOH + LD 6 1/4" bit TIH w/17 1/2" 2 1/2" ADH, P.H. 2-10' 2 1/2" SUBS, EOT 5413' circulate for 10 mins conventionally, Pump Plug #4 w/36SXS (50.73') 14-8" T-3 cement (543-394') TOG 394', still flowing H2O
11:00	11:00	LD 2 1/2" subs, STANDBACK 5 STANDS, LD 7 1/2" S.L.W.
11:00	-	P.H. 7" DHS C.R., TIH w/DP + set AT 337' w/11 1/2" string out + load csg, string back in + set rate out 1 1/2 BPM at 300', Pump Plug #5 w/58SXS (81.2') 14-8" T-3 cement (337-287) TOG 287, pumped 50SXS (70') below C.R. w/running PST AT 600', pumped 8SXS (11.2') on top of C.R. LD 7 1/2", STANDBACK 2 STANDS, LD STINGER, TIH w/2 STANDS TO 124', LOAD csg + Pump Plug #6 w/25SXS (35') from 124' TO SURF, circulate good cement out csg.
1:00	1:00	LD thg + wash-up equip. S.L.W.
1:00	-	RD FLOOR, W/D BOP. Remove flanges, + HEADS, dig-out wellhead RD PUMP, PIT + LINES, welder cut off wellhead + weld on D.H. MARKER, cement in 7" down 8', fill w/12SXS 14-8" cement
5:30	5:30	LOAD X-OVERS, bits, mills, + supplies, SDFD
5:30	6:00	TRAVEL BACK

Welder - 3 hrs @ 50⁰⁰ - (F10.5)

Fuel & Motor Oil _____ Water Hauled 255 3-lbs to BASIN 2 1/2" ADH + 2 1/2" SUR
 Rental Equipment _____ Cement Retainers 7" DHS, WEAVERFORD X-OVER
 Cementing Plug #4 36SXS Plug #5 58SXS Plug #6 25SXS Plug #7 (marker) 12SXS
 Wireline _____ Used # 22814 + 22815

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL	255	14	
Operator	C. ADAMS	161	9	12
Helper	J. STASH			11
Helper	J. TORRES			11
Helper	R. CASTELLON			11
Trainee				

15/16

22818

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Rig No. 4

Date 7-28-04 Day WED

Well Name GARISON # 7

Company NMCCD

[illegible]

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers _____

Cementing _____

Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. RANDALL	14		
Operator	C ADAMS	9		3
Helper	J. STASH			3
Helper	J. TORRES			3
Helper	R. CASTELLON			3
Trainee				

A-16/16