

OPERATOR WOOSLEY OIL CO		PROPERTY NAME SANTE FE ENERGY		WELL NO. 1
DATE 8-9-95	LOCATION ULSTR) P-8-19N-06W		FOOTAGE 330 FSL & 330 FEL	
API NO. 30-031-20795		POOL STAR MESAVERDE		
Tops				
PICTURE CLIFF		260 FT.		
CLIFFHOUSE		1683 545 FT.		
MENELEE		1791 570 FT.		
POINT LOOKOUT		2146 FT.		
CASING RECORD: 7 INCH 61 FT. CIRCULATED				
4 1/2 INCH 10.5 # 2229 FT. 6 1/4 INCH HOLE				
210 SXS.				
PERFS. 1496 FT. - 1995 FT.				

Control Number: 002870

POINT OF DISPOSITION AND WELL COMPLETION INFORMATION

OGRID: 000778 Operator Name: AMOCO PRODUCTION CO

PO BOX 21178

TULSA

OK 74121

C-115 Filer Contact Name: _____

Phone: () _____

FAX: () _____

POD: 0284410 Product Type: OIL Facility Type: 03 Location: H 03 30N 10W County SAN JUAN

OGRID Name

OGRID Name

Authorized Transporter(s): 014546 MERIDIAN OIL INC.

Description of POD (40 characters or less): _____

POD: 0284430 Product Type: GAS Facility Type: 01 Location: H 03 30N 10W County SAN JUAN

OGRID Name

OGRID Name

Authorized Transporter(s): 007057 EL PASO NATURAL GAS COMPANY

Description of POD (40 characters or less): _____

POD: 0284450 Product Type: WATER Facility Type: 05 Location: H 03 30N 10W County SAN JUAN

Description of POD (40 characters or less): _____

WELL COMPLETIONS

Code Pool Name

Code Producing Property Name

API Well No. Location Well

72319 BLANCO MESAVERDE (PRORATED GAS)

000773 KOCH LS

30-045-09915 H 03 30N 10W 001

PLUGGING PROCEDURE

Woosley Oil Co.
Sante Fe Energy #1
P-08-19N-06W
30-031- 20795

Presumed downhole conditions and equipment
See attached schematic

Pull all production equipment and nipple up BOP

1. Go in hole with tbgr. and set a plug from 1758 ft. to 1446 ft. WOC & tag cement.
2. Load hole with 8.4 lb. 40 visc. Mud and test casing.
3. Pull tbgr. & GIH with wireline & perf. two holes at 310 Ft.
4. Establish rate through perfs & out the BH. If nocirculation is established pump a 100 ft. Plug& 100% excess outside the perfs & displace cement to 235 ft. inside the 4 ½ csg. WOC & tag cement at 235 ft.
5. If circulation is not established GIH with wireline and perforate at 111 feet. Bullhead cement down 4 ½ casing and circulate cement.
6. Top off csg. with cement and set a dry hole marker.
7. Restore location .

Control Number: 002701

POINT OF DISPOSITION AND WELL COMPLETION INFORMATION

OGRID: 000778 Operator Name: AMOCO PRODUCTION CO

PO BOX 21178

TULSA

OK 74121

C-115 Filer Contact Name: _____

Phone: () _____

FAX: () _____

POD: 0267530 Product Type: GAS Facility Type: 01 Location: F 23 25N 05W County RIO ARRIBA

OGRID Name

OGRID Name

Authorized Transporter(s): 016191 NORTHWEST PIPELINE CORP.

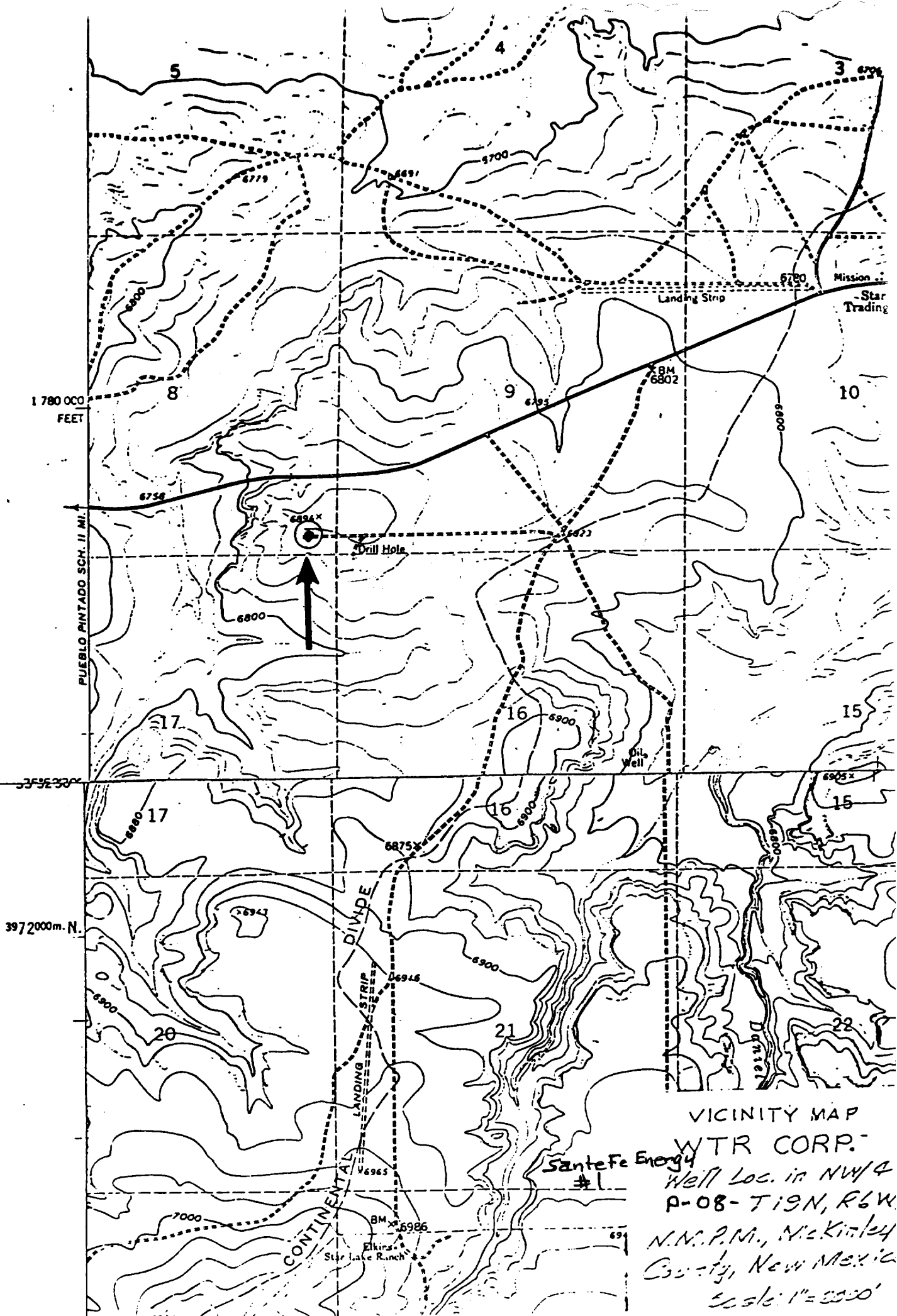
Description of POD (40 characters or less): _____

POD: 0267550 Product Type: WATER Facility Type: 05 Location: F 23 25N 05W County RIO ARRIBA

Description of POD (40 characters or less): _____

WELL COMPLETIONS

<u>Code</u>	<u>Pool Name</u>	<u>Code</u>	<u>Producing Property Name</u>	<u>API Well No.</u>	<u>Location</u>	<u>Well</u>
72439	BLANCO P. C. SOUTH (PRORATED GAS)	000740	JICARILLA CONTRACT 148	30-039-05937	F 23 25N 05W	008



VICINITY MAP
WTR CORP.
Sante Fe Energy
Well Loc. in NW/4
P-08-T19N, R6W
N.M.P.M., McKinley
County, New Mexico
Scale: 1"=5000'



Woosley Santa Fe
Energy #1
P-8-19N-6W

Daily Report

A - PLUS WELL SERVICE

14760

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

Rig No 26

Date Thu 4-20-79

Well No SPRINT Fe Energy #1 Location _____ Company Woolley Oil Co / Wmco

[illegible]

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers _____

Cementing P-T DAY#3 marker 16 SKs

Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	Robert Whiteley	25	17,758	
Operator	Sam Stuart	20	32,995	5 1/2
Helper	Robert Velasquez			5 1/2
Helper	Victor Celis			5 1/2
Helper	Richard Barrick			5 1/2

Date 4-22-99

MERIDIAN OIL INC.
OIL CONSERVATION DIVISION STATE OF NEW MEXICO
DELIVERABILITY CALCULATION REPORT YEAR 1995

POOL	MV	SLOPE	0.75	FORM	MV	METER	90671	DP NO	48689A
OPER	MOI	LEGAL DESCRIPTION	J	18	28N	06W	WELL NAME	SAN JUAN 28-6 UNIT	2A
CSG. OD	4.500	CSG. ID	4.052	CSG. DEPTH	6097	TBGS. OD	1.995	TBGS. DEPTH	6034
GAS PAY ZONE	5057	6046	CASING	NO	TUBING	YES	GAS GRV.	0.694	GASXDEPTH
DATE OF FLOW TEST	04/17/95 TO	04/24/95	DATE SI PSI MEASURED	05/01/95					

(H)	(I)	(J)	(K)	(L)	(M)	(N)	FC	9.402
CORRECT	AVG.	SHUT IN	SHUT IN	P/C=	P/D=	CRITICAL		
METER	WELTHD.	CSG.	TBGS.	HIGHER	0.7	FLOW PSI		
(G+E)	P/T=(H+F)	PSI	PSI	(J OR K)	P/C	SEP/DEHY		
260	284	412	382	412	288	12		
INTEGRATED	QUOTIENT OF	SQUARE ROOT OF	CORRECTED VOLUME	Q DIVIDED BY D	Q DIVIDED BY D	Q DIVIDED BY D		
243	0.9921	0.9960	Q = MCF/D	242				
1-E(-S)	FC X QM	R2	PT/2	PW2 =	PT2+R2	SQRT OF PW2		
0.262	5177	1356	80656	82012				
Q DIVIDED PC2-PD2	PC2-PW2 TO (N)							
86800	87732	0.989	0.992	MAXIMUM	STATE			
FACTOR	FACTOR							

REMARKS:

SUMMARY

ITEM	H---	260	PSIA
PC---	412	PSIA	
Q---	242	MCF/D	
PW---	286	PSIA	
PD---	288	PSIA	
D---	240	MCF/D	

COMPANY: MERIDIAN OIL INC.
BY:
TITLE: DOLORES DIAZ
OPERATIONS ASSISTANT
REVIEWED BY:
COMPANY: MERIDIAN OIL INC.

RECEIVED
NOV 14 1995
OIL CONSERVATION DIVISION
STATE OF NEW MEXICO

Daily Report

A - PLUS WELL SERVICE

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

14759

Rig No #6Date Wed 4-21-99Well No Santa Fe Energy #1 Location _____Company Woolley Oil Co

RECEIVED
APR 22 1999
OIL CON. DIV.
DIST. 3

FROM	TO	DESCRIPTION OF OPERATION
6:00	6:30	Load Rig Supplies & Change out Pickups.
6:30	8:30	TRAVEL TO LOC.
8:30	9:00	Start Rig & equip. Hold safety mtg (Topic) Drilling line.
9:00	9:20	R-u Pump & Lines.
9:20	9:40	TIN with TBS & TAG TAC @ 1,502'
9:40		Load the Hole with 8 BBLs of water TRY TO TEST CSG, CSG would not
		TEST. & Break circulation out the BRADEN HEAD with 1" PSI Plus #1-B
	10:00	mix & Pump 15.6" SKS Cement with 2% CASH, from 1,502' to TAC @ 1,304'
10:00	10:20	L-D TBS TO 1,295' POOL with 10 STANDS TO 667'
10:20	10:30	WAC
12:30	12:45	TIN with TBS & TAG TAC @ 1,387'
12:45		Load the Hole with 8 BBLs of water TRY TO TEST CSG, CSG would not
	1:00	TEST. CIRCULATION out the BRADEN HEAD.
1:00	1:30	L-D TBS TO 251' POOL
1:30	2:15	R-u wire line TIN & Perforate 3-HSC Holes @ 310' POOL. R-D wire line.
2:15	2:30	TIN & Set 4 1/2" DHS Ret @ 251'
2:30		EST RATE in to Ret @ 310' @ 1 1/2 RPM @ 300". String out of Ret. TRY
		TO TEST CSG, CSG would not TEST Break circulation out the BRADEN HEAD
		SHUT CSG in. String in to Ret. Plus #2 & 3 mix & Pump 15.6" SKS Cement, 10% Ret
		from 310' with good Cement Returns out the BRADEN HEAD, SHUT R-H
		in. String out of Ret mix & Pump 20 SKS Cement @ Ret & Circulate
	3:45	good Cement out the CSG Valve. For TOTAL SKS 101
3:45	4:00	L-D All The TBS & The Setting Tools.
4:00	4:30	DRAIN Pump & Lines, SHUT well in. SDFAL.
		(10 1/2 HRS)
		Heavy Killmud 41/Amoco was on loc. & OK'd Plugs & Ret.

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers 1-4 1/2" DHS @ 251'Cementing P-T DAY #2 P-#1-B-15.6" SKS P-#2 & 3-101 SKSWireline 3-HSC Holes @ 310'

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	ROBERT Whitely	25	17,549	
Operator	SAM STUART	15	147,220	10 1/2
Helper	ROBERT VELASQUEZ			10 1/2
Helper	VICTOR Celis			10 1/2
Helper	RICHARD Beattie			10 1/2

Date 4-21-99

POOL MW SLOPE 0.75 FORM MV METER 71236 DP NO 58903

OPER MOI LEGAL DESCRIPTION A 07 30N 09W WELL NAME PIERCE PIERCE 3

CSG.O.D	CSG.ID	CSG.DEPTH	TBG.OD	TBG.ID	TBG.DEPTH
5.500	4.950	5490	2.375	1.995	5405
GAS PAY ZONE					
4706	5462	CASING	TUBING	GAS GRV.	GASXDEPTH
		NO	YES	0.694	3751

DATE OF FLOW TEST 05/15/95 TO 05/22/95
DATE SI PSI MEASURED 06/19/95

(A)	(B)	(C)	(D)	(E)	(F)	(G)
FLOW	FLOW	FLOW	CHART	METER	LOSS	METER
CSG.	TBG.	METER	STATIC	(C-D)	A-C,B-C	PSI.
249	225	223	224	-1	2	225

(H)	(I)	(J)	(K)	(L)	(M)	(N)
CORRECT	AVG.	SHUT IN	SHUT IN	P/C=	P/D=	CRITICAL
METER	WELTHD.	CSG.	TBG.	HIGHER	0.7	FC
(G+E)	P/T=(H+F)	PSI	PSI	(J OR K)	P/C	SEF/DEHY
236	238	268	254	268	188	12

INTEGRATED	QUOTIENT OF	SQUARE ROOT OF	CORRECTED VOLUME
VOLUME/MCFD	C DIVIDED D	C DIVIDED BY D	Q = MCF/D
176	0.9955	0.9978	176

1-E(-S)	FC X QM	R2	PT/2	PW2 =	PT2+R2	SQRT OF PW2
0.239	2738	654	56644	57298	239	

Q DIVIDED PC2-PD2	PC2-PW2 TO (N)	FACTOR	MAXIMUM	STATE
36480	14526	2.511	1.995	350

REMARKS:

SUMMARY

ITEM	H---	PC---	Q---	PW---	PD---	D---
236	PSIA	268	MCF/D	239	PSIA	350
COMPANY: MERIDIAN OIL INC.						
BY: DOLORES DIAZ						
TITLE: OPERATIONS ASSISTANT						
REVIEWED BY:						
COMPANY: MERIDIAN OIL INC.						

COPIES
1995

Well Name <u>SANRA Fe. Energy #1</u>		Day: <u>1</u>	Work Date: <u>4-20-99</u>	
Company <u>Woolley Oil Co / ARMACO</u>		Hours	Rate	\$ w/o Tax
Code	Intangible Expense - Provider - Services			\$ w/6% Tax
03	Location Cost: <u>Set Anchors & Dig Pit</u>	<u>8</u>	<u>45.00/hr</u>	<u>360.00</u>
05	Move In/Out:			<u>381.60</u>
07	Rig Cost: (Rig only, charge pump if no cement plugs) (Orig Package, no \$ for pump, include RU/RD time)	<u>12.5</u>	<u>\$154 /hr</u> <u>\$170 /hr</u> <u>\$340 /day</u>	<u>1,925.00</u> <u>2,040.50</u> <u>360.40</u>
	Supervisor -			
	Pump Truck (first day \$220, then \$120 each day)			
	Stripping Rubbers - (1.25", 1.5", 2", 2.875", 3.5" - \$70)			
10	Drilling Fluid: Air Package			
16	Stimulation Fluids (Water, KCl)			
	Unit #155		<u>\$44 /hr</u>	
17	Bits			
18	Cement: Pump Charge <u>\$300/plug P-#1</u>			<u>500.00</u>
	Cement - <u>35' x 8" x 9.90 P-#1, 35' x 8"</u>			<u>346.50</u>
25	Rentals: (DC's, bit sub, etc) <u>7 7/8" RBD Flange / (120000 \$/hr)</u>			<u>12.00</u>
26	Fishing Tool Rentals:			<u>12.72</u>
28	Other Rentals: Water Tank		<u>\$23 /day</u>	<u>23.00</u>
	Flow Back Tank		<u>\$44 /day</u>	<u>44.00</u>
	<u>FLAT (A-PLUS)</u>			<u>15.00</u>
29	Transportation: A-Plus #124 - \$45/hr, Helper - \$17/hr A-Plus #143 or #151 <u>move T&B & Pit</u> Others Trucking:	<u>7</u>	<u>\$64 /hr</u>	<u>448.00</u>
34	Logging Services: (CR or CIBP) Size - <u>Set @</u> Perforating: Bi-Wire \$440, HSC \$490 Other: (depth \$0.11/m)			
38	Production Testing:			
37	Swabbing, Snubbing, Coiled Tubing: (nitrogen costs)			
39	Stimulation: (frac, acid)			
14	Technical Services: (gas & water tests)			
15	Roustabout Labor			
19	Packer Rental: (Fullbore- 2-7/8" - \$530, 4-1/2" + Size - \$860) RBP, lbg set or wireline \$850 Casing Scraper \$250 <u>4 1/2" TO 900"</u>			<u>250.00</u>
14	Disposal:			<u>265.00</u>
0	OTHER: <u>Pit Liner (A-PLUS)</u>			<u>47.50</u>
8	Direct Labor			<u>50.35</u>
2	Overhead:			
Code	Tangible Expense - Provider - Item			
0	Casing:			
1	Tubing: Size Length EUE IJ NU			
6	Csg & Tbg Equipment:			
5	Wellhead Equipment:			
	Prior Cum \$			Total Cost \$ <u>4,188.06</u>
				New Cum. \$

	Well Name <u>Santa Fe Energy #1</u>	Day: <u>2</u>		Work Date: <u>4-21-99</u>	
	Company <u>Washy Air Co / Amoco</u>				
Code	Intangible Expense - Provider - Services	Hours	Rate	\$ w/o Tax	\$ w/6% Tax
13	Location Cost:				
15	Move In/Out:				
17	Rig Cost: (Rig only, charge pump if no cement plugs) (Drig Package, no \$ for pump, include RU/RD time)	<u>10</u>	\$154 /hr \$170 /hr	<u>1,540.00</u>	<u>1,632.40</u>
	Supervisor -		\$340 /day	<u>340.00</u>	<u>360.40</u>
	Pump Truck (first day \$220, then \$120 each day)				
	Stripping Rubbers - (1.25", 1.5", 2", 2.875", 3.5" - \$70)				
10	Drilling Fluid: Air Package				
16	Stimulation Fluids (Water, KCl)				
	Unit #155		\$44 /hr		
17	Bits				
18	Cement: Pump Charge <u>\$200/plug</u> <u>P-1-A P-2+3</u>			<u>1,000.00</u>	<u>1,060.00</u>
	Cement - <u>116</u> sxs x <u>\$8.40/sx</u> <u>P-1-A P-2+3-101548</u>			<u>1,145.40</u>	<u>1,217.30</u>
25	Rentals: (DC's, bit sub, etc) <u>7 5/8 SLANDER (W. CARBORFORD)</u>			<u>12.00</u>	<u>12.72</u>
26	Fishing Tool Rentals:				
28	Other Rentals: Water Tank		\$23 /day	<u>23.00</u>	<u>24.38</u>
	Flow Back Tank		\$44 /day	<u>44.00</u>	<u>46.64</u>
	<u>SLANT (A-PLUS)</u>			<u>15.00</u>	<u>15.90</u>
19	Transportation: A-Plus #124 - \$45/hr, Helper - \$17/hr				
	A-Plus #141 or #151		\$64 /hr		
	Others Trucking:				
14	Logging Services: <u>(CR) or CIBP</u> Size - <u>2 1/2"</u> Set @ <u>25'</u> (<u>0.45</u>)			<u>850.00</u>	<u>901.00</u>
	Perforating: Bi-Wire <u>\$440</u> (<u>HSC \$490</u>) <u>3 1/2</u> <u>310'</u>			<u>490.00</u>	<u>519.40</u>
	Other: (depth \$0.11/R)				
16	Production Testing:				
17	Swabbing, Snubbing, Coiled Tubing: (nitrogen costs)				
19	Stimulation: (frac, acid)				
14	Technical Services: (gas & water tests)				
15	Roustabout Labor				
19	Packer Rental: (Fullbore- 2-7/8"-\$530, 4-1/2" + Size-\$860)				
	RBP, tbg set or wireline \$850				
	Casing Scraper \$250				
14	Disposal:				
10	OTHER:				
8	Direct Labor				
2	Overhead:				
Code	Tangible Expense - Provider - Item				
0	Casing:				
1	Tubing: Size Length EUE U NU				
4	Csg & Tbg Equipment:				
6	Wellhead Equipment:				
	Prior Cum \$ <u>4,188.06</u>			Total Cost \$	<u>5,798.14</u>
				New Cum. \$	<u>9,978.20</u>

DELIVERABILITY CALCULATION REPORT YEAR 1995
OIL CONSERVATION DIVISION STATE OF NEW MEXICO
MERIDIAN OIL INC.

POOL PC SLOPE 0.85 FORM PC METER 8526965 DP NO 53393A
OPER MOI
LEGAL DESCRIPTION J 04 27N 05W PIPELINE
WELL NAME SAN JUAN 27-5 UNIT 60A

CSG.OD CSG.ID CSG.DEPTH TBG.OD TBG.ID TBG.DEPTH
7.000 6.456 3778 1.660 1.380 3490
GAS PAY ZONE CASING TUBING GAS GRV. GASXDEPTH
3430 3494 NO YES 0.657 2292

DATE OF FLOW TEST 06/14/95 TO 06/21/95
DATE SI PSI MEASURED 06/28/95

(A) FLOW 463 CSG. TBG. 388
(B) FLOW 388 TBG. METER 382
(C) FLOW 382 CHART METER 382
(D) CHART METER LOSS (E) A-C, B-C 52
(F) LOSS METER (G) PSI. 52

(H) CORRECT METER (I) AVG. WELHD. (J) SHUT IN TBG. PSI 473
(G+E) P/T=(H+F) 70 CSG. PSI 473
(G) FLOW 70 TBG. PSI 473
CORRECT METER (I) AVG. WELHD. (J) SHUT IN TBG. PSI 473
SQUARE ROOT OF C DIVIDED BY D 1.0000
C DIVIDED D 1.0000

INTEGRATED VOLUME/MCFD 3
1-E(-S) FC X QM R2 PT/2 PW2 = PT2+R2 4901
0.154 X 1000 5

Q DIVIDED PC2-PD2 PC2-PW2 TO (N) 114168
FACOR 0.522 0.575
MAXIMUM FACOR 0.575
STATE MCF/D 2

REMARKS:

SUMMARY

ITEM H--- 64 PSIA
PC--- 473 PSIA
Q--- 3 MCF/D
PW--- 70 PSIA
PD--- 331 PSIA
D--- 2 MCF/D

COMPANY: MERIDIAN OIL INC.
BY: DOLORIS DIAZ
TITLE: OPERATIONS ASSISTANT
REVIEWED BY:
COMPANY: MERIDIAN OIL INC.

RECEIVED
NOV 14 1995
OIL CONSERVATION DIVISION
STATE OF NEW MEXICO

	Well Name <i>SANTA FE ENERGY #1</i>	Day: <i>3</i>		Work Date: <i>4-22-99</i>
	Company <i>WASLEY OIL CO / ARMCO</i>			
Code	Intangible Expense - Provider - Services	Hours	Rate	\$ w/o Tax \$ w/8% Tax
03	Location Cost:			
05	Move In/Out:			
07	Rig Cost: (Rig only, charge pump if no cement plugs) (Drig Package, no \$ for pump, include RU/RD time)	<i>5</i>	<i>\$154 /hr</i> <i>\$170 /hr</i>	<i>770.00</i> <i>816.20</i>
	Supervisor -		<i>\$340 /day</i>	<i>340.00</i> <i>368.40</i>
	Pump Truck (first day \$220, then \$120 each day)			
	Stripping Rubbers - (1.25", 1.5", 2", 2.875", 3.5" - \$70)			
10	Drilling Fluid: Air Package			
16	Stimulation Fluids (Water, KCl)			
	Unit #155		<i>\$44 /hr</i>	
17	Bits			
18	Cement: Pump Charge <i>\$300/plug marker</i>			<i>600.00</i> <i>536.00</i>
	Cement - <i>16</i> sxs x <i>90-48/sx</i> <i>9.90</i> <i>marker 16 sxs</i>			<i>158.40</i> <i>167.90</i>
25	Rentals: (DC's, bit sub, etc) <i>7 5/8 SLOANER (LAWARTHER FORD)</i>			<i>12.00</i> <i>12.72</i>
26	Fishing Tool Rentals:			
28	Other Rentals: Water Tank		<i>\$23 /day</i>	<i>23.00</i> <i>24.38</i>
	Flow Back Tank		<i>\$44 /day</i>	<i>44.00</i> <i>46.64</i>
	<i>SLOANER (A-Plus)</i>			<i>15.00</i> <i>15.90</i>
29	Transportation: A-Plus #124 - \$45/hr, Helper - \$17/hr A-Plus #141 or #151 Others Trucking:		<i>\$84 /hr</i>	
34	Logging Services: (CR or CIBP) Size - Set @ Perforating: BI-Wire \$440, HSC \$490 Other: (depth \$0.11/ft)			
36	Production Testing:			
37	Swabbing, Snubbing, Coiled Tubing: (nitrogen costs)			
39	Stimulation: (frac, acid)			
44	Technical Services: (gas & water tests)			
45	Roustabout Labor			
49	Packer Rental: (Fullbore- 2-7/8"-\$530, 4-1/2" + Size -\$860) RBP, tbg set or wireline \$850 Casing Scraper \$250			
44	Disposal:			
40	OTHER:			
48	Direct Labor			
2	Overhead:			
Code	Tangible Expense - Provider - Item			
0	Casing:			
1	Tubing: Size Length EUE IJ NU			
4	Csg & Tbg Equipment:			
6	Wellhead Equipment:			
	Prior Cum \$ <i>9,978.80</i>			Total Cost \$ <i>1,974.14</i>
				New Cum. \$ <i>11,952.94</i>

POOL MV SLOPE 0.75 FORM MV METER 97580 DP NO 37446A

OPER MOI
LEGAL DESCRIPTION K 03 25N 06W PIPELINE BPG
WELL NAME CANYON LARGO UNIT 388

CSG.OD CSG.ID CSG.DPTH TBG.OD TBG.ID TBG.DPTH
7.000 6.366 5335 2.875 2.441 5229
GAS PAY ZONE CASING TUBING GAS GRV. GASXDEPTH

DATE OF FLOW TEST 03/20/95 TO 03/27/95
DATE SI PSI MEASURED 03/13/95

(A) (B) (C) (D) (E) (F) (G)
FLOW FLOW FLOW CHART METER LOSS METER
CSG. TBG. METER STATIC CHART METER LOSS METER
12 12 12 12 12 12

(H) (I) (J) (K) (L) (M) (N)
CORRECT METER WELTHD. CSG. TBG. SHUT IN
(G+E) P/T=(H+F) PSI TBG. SHUT IN
12 12 932 32 932 652 12

INTEGRATED VOLUME/MCFD C DIVIDED BY D C DIVIDED BY D C DIVIDED BY D
0 0.0000 0.0000 0.0000
CORRECTED VOLUME Q = MCF/D 0

1-E(-S) FC X QM R2 PT/2 PT2+R2
0.000 X 1000 144 144
Q DIVIDED PC2-PD2 PC2-PW2 TO (N) 443520 868480 0.511 0.604

REMARKS: WILL NOT PRODUCE CANNOT TEST
STATE MCF/D 0

SUMMARY

ITEM H--- 12 PSIA
PC--- 932 PSIA
Q--- MCF/D
PW--- 12 PSIA
PD--- 652 PSIA
D--- MCF/D

COMPANY: MERIDIAN OIL INC.
BY:
TITLE: OPERATIONS ASSISTANT
DOLORES DIAZ
REVIEWED BY:
COMPANY: MERIDIAN OIL INC.

RECEIVED
NOV 14 1995
OIL CONSERVATION DIVISION
STATE OF NEW MEXICO

A - PLUS WELL SERVICE, INC.

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

COPY

April 22, 1999

Oil Conservation Division

State of New Mexico
1000 Rio Brazos Road
Aztec, NM 87410

Attn: Charlie Perrin

INVOICE #1518

Rig #6

For plug and abandonment of the **Santa Fe Energy #1** well, which is located in the Unit P, Sec. 8, T-19-N, R-6-W, McKinley County, NM. This work was done under Contract Number: 99-521.25-080

Cost Summary:

Price per Bid Form page #1A	\$ 8,590.00
Cement: anticipated 100 sxs; actual cement was 167 sxs; Extra 67 sxs at \$9.40 per sack (Supplemental Bid Rate Sheet)	\$ 629.80

Non Bid Materials and Services:

Cement Pump Charge, plug #1b, \$725 per day	N/C
---	-----

Rig Hours: Bid anticipated 24 hours, actual time was 29 hours;
4-21-99 3.5 hrs Set plug #1b and WOC (plug #1 fell back);
3.5 hours x \$153.00 per hour

\$ 535.50

TOTAL	\$ 9,755.30
TAX @ 5.9375% on \$ 1,165.30	\$ 69.19

=====

THANK YOU

TOTAL DUE

\$ 9,824.49

6-10-99
CP
OK

14758

Date Tue 4-20-99

FROM	TO	DESCRIPTION OF OPERATION
6:00	6:30	LOAD RIG SUPPLYS & DIESEL
6:30	8:30	TRAVEL TO THE RIG.
8:30	9:00	START RIG & EQUIP. HEED SAFETY MTS (TOPIC) MOVING EQUIP.
9:00	9:30	ROAD RIG & EQUIP TO LOC
9:30	11:00	WAIT FOR ANCHORS TO BE SET.
11:00	12:30	R-U RIG & EQUIP.
12:30	2:00	L-D 68 - $\frac{5}{8}$ " RODS & STANDING VALVE FOR TBS PUMP.
2:00		N-O WELL HEAD. N-O $4\frac{1}{2}$ " X $7\frac{5}{8}$ " WELL HEAD & BOP. TEST BOP. R-U
	3:00	TBS EQUIP.
3:00		TALLY $2\frac{3}{8}$ " FUEL 4.7" TBS OUT AT THE HOLE. Pull out with 56 JTS & THE TBS
	3:30	Pump.
3:30		TIH WITH $4\frac{1}{2}$ " GUAGE RINGS TO 900' COULD NOT GET NO DEEPER. WORK GUAGE
	4:00	Rings would not go down. POOH.
4:00		TIH WITH $2\frac{3}{8}$ " TBS & $4\frac{1}{2}$ " CSS SCRAPER & STACK OUT @ 900'. WORK SCRAPER.
	4:30	COULD NOT GET NO DEEPER.
4:30	4:45	POOH WITH TBS & SCRAPER.
4:45	5:15	TIH WITH OPEN ended TBS TO 1,765'
5:15		LOAD & CIRCULATE THE HOLE WITH 16 BBLG OF WATER. PLUS #1 mix & Pump
	5:45	35 SKS Cement, from 1,765' To Top @ 1,304'.
5:45	6:15	L-D TBS TO 1,280'. POOH WITH 12 STANDS TO 527'
6:15	7:00	DRAIN PUMP & LINES. SHUT Well in. SOFW.
		(13 hrs)
		HENRY VILLANUEVA W/ ALMOGO GAS AND LOC.

Fuel & Motor Oil _____ Water Hauled _____
Rental Equipment _____ Cement Retainers _____
Cementing P-T Day #1 P-#1 - 35.6^{15.6} SKS
Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	Robert Whiteley	25	17,385	
Operator	Sam Stuart	20	32,744	13
Helper	Robert Velasquez			13
Helper	Victor Cebis			13
Helper	Richard Beattie			13

Date 4-20-99

Rig No #6Date Wed 4-21-99Well No SANTA Fe Energy #1 Location _____ Company Wassley Oil Co / Amaco

Non Bid
3 1/2 hrs
Plus #16

FROM	TO	DESCRIPTION OF OPERATION
6:00	6:30	LOAD RIG SUPPLYS & CHANGE OUT PICKUPS.
6:30	8:30	TRAVEL TO LOC.
8:30	9:00	START RIG & EQUIP. HOLD SAFETY MTG (TAPIC) DRILLING LINE.
9:00	9:20	R-U PUMP & LINES.
9:20	9:40	TiH with T88 & T89 TAC @ 1,502'
9:40		LOAD THE HOLE WITH 8 BBLs OF WATER. TRY TO TEST CSG, CSG WOULD NOT TEST. & BREAK CIRCULATION OUT THE BRADEN HEAD WITH 0" PSI. PLUS #1-B
	10:00	MIX & PUMP 15 SKS CEMENT, WITH 2% CACL, FROM 1,502' TO TAC @ 1,304'
10:00	10:20	L-O T88 TO 1,295'. PUGH WITH 10 STANDS TO 667'
10:20	12:30	WAC.
12:30	12:45	TiH with T88 & T89 TAC @ 1,387'
12:45		LOAD THE HOLE WITH 3 BBLs OF WATER. TRY TO TEST CSG, CSG WOULD NOT TEST. CIRCULATION OUT THE BRADEN HEAD.
1:00	1:30	L-O T89 TO 251'. PUGH.
1:30	2:15	R-U WIRELINE TiH & PERFORATE 3-HSC HOLES @ 310' PUGH. R-O WIRELINE.
2:15	2:30	TiH & SET 4 1/2" DHS RET @ 251'
2:30		EST RATE IN TO PERFS @ 310' @ 1 1/2 BPM @ 300#. STING OUT OF RET. TRY TO TEST CSG, CSG WOULD NOT TEST. BREAK CIRCULATION OUT THE BRADEN HEAD.
		SHUT CSG IN. STING IN TO RET. PLUS #2 & 3 MIX & PUMP 81 SKS CEMENT, 15.6% FROM 310' WITH 9000 CEMENT RETURNS OUT THE BRADEN HEAD. SHUT B-H
		IN. STING OUT OF RET MIX & PUMP 20 SKS CEMENT @ RET & CIRCULATE.
	3:45	9000 CEMENT OUT THE CSG VALVE. FOR TOTAL SKS 101
3:45	4:00	L-O ALL THE T88 & THE SETTING TOOL.
4:00	4:30	DRAIN PUMP & LINES. SHUT WELL IN. SEAL.
		(10 1/2 HRS)
		HENRY KILLBREW & A/AMACO WAS ON LOC. & OK'D PLUGS & RET

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers 1-4 1/2" DHS @ 251'Cementing P-T DAY #2 P-#1-B-15 SKS P-#2 & 3-101 SKSWireline 3-HSC HOLES @ 310'

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	ROBERT WHITELEY	25	17,569	
Operator	SAM STUART	15	147,220	10 1/2
Helper	ROBERT VCHASQUEZ			10 1/2
Helper	VICTOR CELIS			10 1/2
Helper	RICHARD BEATTIE			10 1/2

Date 4-21-99

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

Rig No 26

Date THU 4-22-99

Well No SHURA Fe ENERGY #1 Location _____ Company Woolsey Oil Co./NMACO

[illegible]

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers _____

Cementing P-T DAY#3 marker 16 SKs

Wireline

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	ROBERT Whiteley	25	17,758	
Operator	SAM STUART	20	32,925	5 1/2
Helper	ROBERT VELASQUEZ			5 1/2
Helper	VICTOR CEBIS			5 1/2
Helper	RICHARD BEATTIE			5 1/2

Date 4-22-99



SAN JUAN COUNTY MUSEUM ASSOCIATION

Salmon Ruin Museum
Division of Conservation Archaeology
Heritage Park

April 14, 1999

Mr. Jeffrey C. Blagg
Blagg Engineering Inc.
P.O. Box 87
Bloomfield, New Mexico 87413

RE: The archaeological inspection of one proposed soil remediation staging area.

Dear Mr. Blagg:

Enclosed please find a copy of DCA Technical Report No. 99-DCA-046, *A Cultural Resources Inventory of Blagg Engineering Inc.'s Proposed Soil Remediation Staging Area Located Near Star Lake, McKinley County, New Mexico*. This report details the survey of a 600 x 600 foot block area to be utilized in a soil remediation program. The proposed project area is situated on State of New Mexico land.

One isolated occurrence was recorded during the survey. Recordation of the isolate is sufficient to have exhausted its research potential, and no further work is recommended. Archaeological clearance is recommended for Blagg Engineering Inc.'s proposed soil remediation staging area. If you have questions or comments, please do not hesitate to contact me.

Sincerely,

Michael J. Proper
Staff Archaeologist

Enclosure

cc: New Mexico State Archaeologist

A Cultural Resources Inventory of
Blagg Engineering Inc.'s Proposed
Soil Remediation Staging Area
Located Near Star Lake, McKinley County, New Mexico

San Juan County Archaeological Research Center and Library
DCA Report No. 99-DCA-046

Prepared by
Michael J. Proper

Submitted by
Larry L. Baker, Executive Director
San Juan County Museum Association,
Division of Conservation Archaeology
P. O. Box 125
Bloomfield, New Mexico 87413
(505) 632-2779

New Mexico State Archaeological Survey Permit No. 99-010

Submitted to
Archeologist
Historic Preservation Division,
Office of Cultural Affairs
Santa Fe, New Mexico

Prepared for
Blagg Engineering Inc.
P.O. Box 87
Bloomfield, New Mexico 87413
(505) 632-1199

ARMS PROJECT/ACTIVITY NO. 64470

April 14, 1999

ABSTRACT

On April 9, 1999, the Division of Conservation Archaeology of the San Juan County Museum Association conducted the Class III archaeological resources inventory of Blagg Engineering Inc.'s proposed soil remediation staging area. The project area is located in McKinley County, New Mexico on land under the jurisdiction of the State of New Mexico. The legal description for the project is the N 1/2 of Section 16, T.19 N., R.6 W., NMPM. The project area can be located on the 7.5' USGS Star Lake, New Mexico Quadrangle, 1961. A total of 14.69 acres was intensively inventoried.

One isolated occurrence was recorded during the survey. Recordation of the isolate is sufficient to have exhausted its research potential, and is recommended as not eligible for inclusion on the National Register of Historic Places. Archaeological clearance is recommended for Blagg Engineering Inc.'s proposed soil remediation staging area.

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1. Map of the general project area.	2
2. Vicinity map showing the location of Blagg's proposed soil remediation staging area with the cultural resources.	3

APPENDICES

Appendix A Nearby Sites Map (Agency Review only)

INTRODUCTION

The cultural resources inventory of Blagg Engineering Inc.'s (Blagg) proposed soil remediation staging area was conducted on April 9, 1999 by the Division of Conservation Archaeology (DCA) of the San Juan County Museum Association. The cultural resource survey was conducted to identify historic properties that may be affected by the proposed project and to comply with Section 106 of the National Historic Preservation Act. The project area is located on land under the jurisdiction of the State of New Mexico within McKinley County, New Mexico. The Class III cultural resources inventory of the soil remediation staging area was completed under the authority of State of New Mexico Cultural Archaeological Survey Permit No. 99-010.

The project was undertaken at the request of Mr. Jeffery Blagg, of Blagg Engineering, Inc. The project was administered by Larry L. Baker, Executive Director, San Juan County Archaeological Research Center and Library, for DCA. The field work was conducted by Michael J. Proper. Figure 1 shows the general location of the project area.

One isolated occurrence was recorded during the inventory. Recordation of the isolate is sufficient to have exhausted its research potential, and is recommended as not eligible for inclusion on the National Register of Historic Places (NRHP). No further work is recommended for the isolate. Archaeological clearance is recommended for Blagg's proposed soil remediation staging area. Details of the project, survey, cultural resources, and recommendations are included later in this report.

DESCRIPTION OF UNDERTAKING

Blagg Engineering Inc. proposes to utilize a 600 foot x 600 foot staging area for a soil remediation program. The proposed area is located on an abandoned well pad. The project will involve the blading, leveling and clearing the staging site. The types of ground disturbance expected to result from the project include surface and subsurface disturbance associated with the construction of the location. Heavy equipment will be used during all phases of the construction. Access to the project area will be from existing dirt roads. A total of 14.69 acres was inventoried for the project.

PROJECT LOCATION AND DESCRIPTION

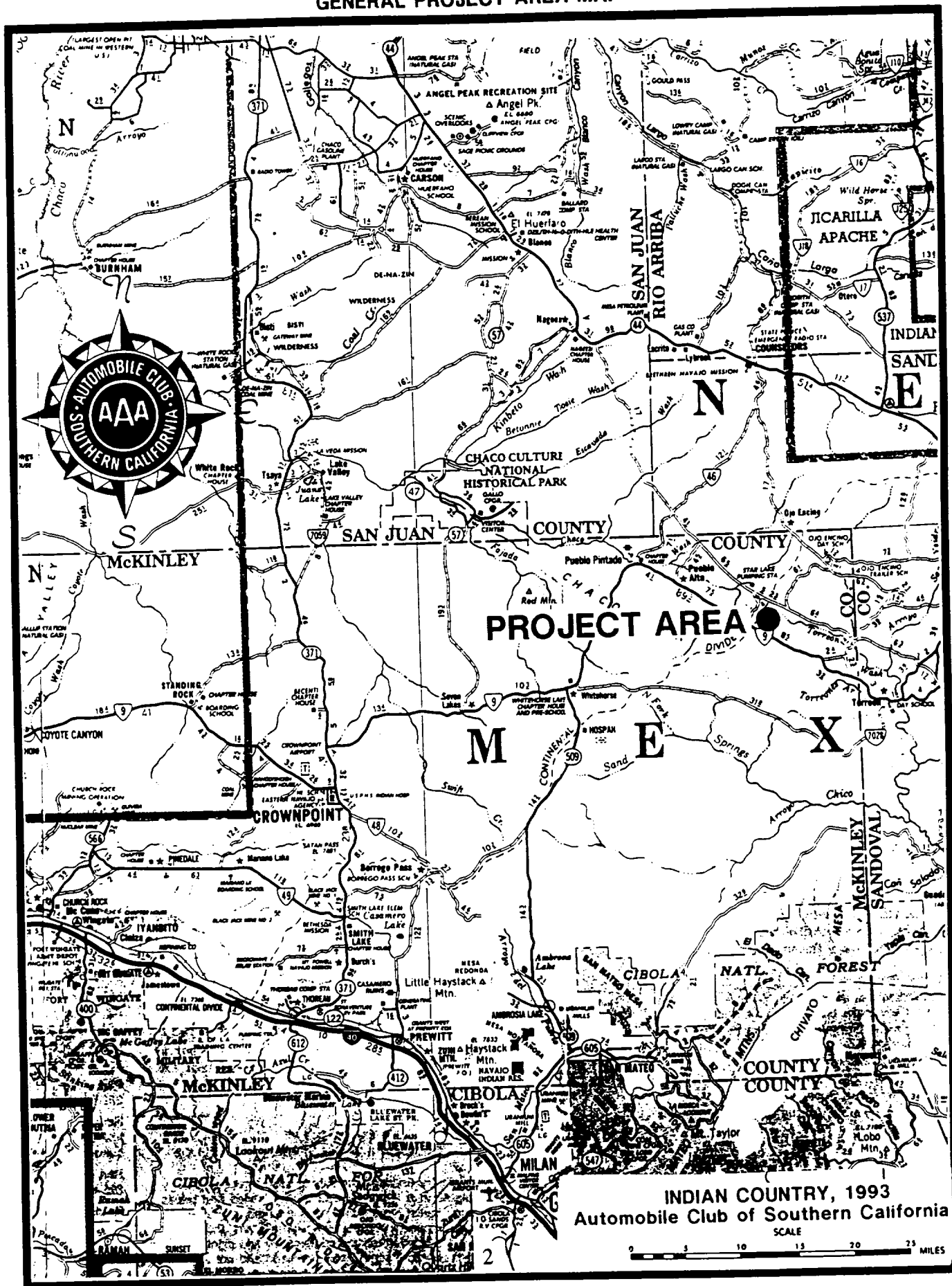
Blagg's Proposed Soil Remediation Staging Area
Legal Description (Figure 2):

Staging area: N 1/2 of Section 16
 T.19 N., R.6 W., NMPM
 McKinley County, New Mexico

Map Reference: 7.5' USGS Star Lake, New Mexico, 1961

Land Jurisdiction: State of New Mexico

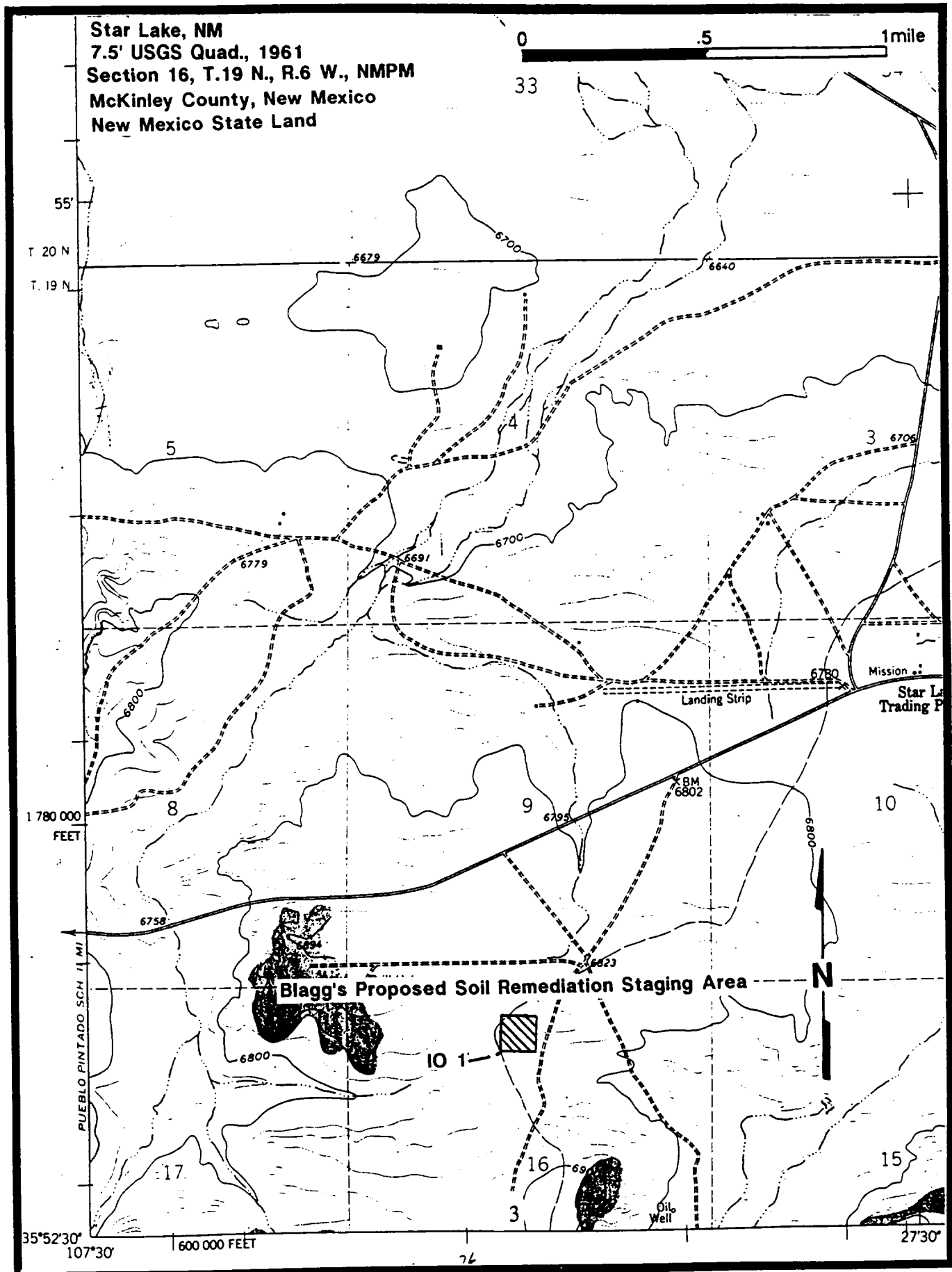
GENERAL PROJECT AREA MAP



Report 99-DCA-046

Figure 1. Map of the general project area.

**Star Lake, NM
7.5' USGS Quad., 1961
Section 16, T.19 N., R.6 W., NMPM
McKinley County, New Mexico
New Mexico State Land**



Report 99-DCA-046

Figure 2. Vicinity map showing the location of Blagg's proposed soil remediation staging area with the cultural resources.

Blagg's Proposed Soil Remediation Staging Area - cont.

Area of Effect:

Staging Area: 600 ft. x 600 ft.

Total Area of Effect: 8.26 acres

Total Area Surveyed (Area of Effect and Cultural Buffer Zone)

Staging Area: 800 ft. x 800 ft.

Total Area of Effect: 14.69 acres

ENVIRONMENTAL AND CURRENT CULTURAL SETTING

The Blagg soil remediation staging project area is located on an abandoned well pad. The staked staging area is located on a low mesa top in a scrubland vegetative setting. Plant species include sagebrush, blue grama grass, and prickly pear cactus. Sediments in the general project area are a residual silty sand. A maintained dirt road is located to the east of the proposed staging area.

PREVIOUS RESEARCH

Searching existing records is essential in any cultural resources management undertaking in order to determine what portions of an area have been previously inspected and what sites, if any, have been identified. On April 8, 1999, a records search of the previously recorded site records at DCA and the Laboratory of Anthropology/ARMS data base was completed. The file search was completed prior to initiating field work for the project. The locations of previously recorded sites are illustrated on the Nearby Sites Map in Appendix A, which is included only with the State Historic Preservation Office copies of this report. The results of the file search indicate no previously recorded sites are located within a 1-mile radius of the proposed project area.

FIELD METHODS

The survey of the proposed block staging area was conducted on April 9, 1999 by Michael J. Proper. The project area was staked prior to conducting the survey. The inventory was conducted using straight line pedestrian transects spaced at intervals of 10 m. The area of inventory included the 600 x 600 foot block area with a 100 foot cultural buffer zone on each side of the block area for a total surveyed area measuring 800 x 800 feet.

Isolated occurrences were recorded and plotted on USGS 7.5' topographic maps. A DCA isolate recordation form was completed for each isolate. Isolated occurrence definitions applied to cultural resources comply with standards set forth in the Regulations Pertaining to the Issuance of Permits to Conduct Archaeological Investigations (Rule 82-R1) issued by the New Mexico Historic Preservation Division.

CULTURAL RESOURCE FINDINGS

One isolated occurrence was recorded during the archaeological inventory. Vegetation in the area of the isolate consists of sagebrush, various grasses, broom snakeweed, and prickly pear cactus. The immediate area surrounding the isolate was intensively examined for additional artifacts or features, however none were located. The location of this resource in relation to the project area is shown in Figure 2.

Isolated Occurrence No. 1 (IO1) consists of a single obsidian flake fragment; no cortex is present. The isolate measures 3.0 x 3.0 x .5 cm. IO 1 is located 15 m southwest of the southwest corner stake to the proposed staging area, in the cultural buffer zone.

EVALUATION OF SIGNIFICANCE

Evaluation of eligibility to the National Register of Historic Places (36 CFR 60) is important for the current and future management of cultural resources. The eligibility status relates to cultural resource significance, which consequently provides guidance with respect to the treatment of properties relative to proposed actions. Thus appropriate recommendations can be made in consideration of both the resource and proposed action.

The evaluation of cultural resources for eligibility to the National Register is composed of three parts; 1) an assessment of integrity, 2) a consideration of eligibility criteria and exceptions, and 3) a consideration of the 50-year guideline. The assessment of integrity, according to Federal regulation (36 CFR 60.4), entails "objects that possess integrity of location, design, setting, materials, workmanship, feeling and association" and

- (a) that are associated with events that have made a significant contribution to the broad patterns of our history; or
- (b) that are associated with the lives of persons significant in our past; or
- (c) that embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- (d) that have yielded, or may be likely to yield, information important in prehistory or history (36 CFR 60.4)

The 50-year guideline is simply that sites less than 50 years in age are not considered eligible for the National Register (36 CFR 60.4). Seven exceptions to the above regulations may be applied, however, these rarely apply to prehistoric and/or historic cultural resources and are not reproduced here.

Eligibility Recommendations

IO 1 does not retain any of the qualities of integrity as cited in 36 CFR 60.4. Recordation of the isolate is sufficient to have exhausted its research potential, and it is recommended as not eligible for inclusion on the NRHP.

A - PLUS WELL SERVICE, INC.

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

COPY

June 9, 1999

Oil Conservation Division

State of New Mexico
1000 Rio Brazos Road
Aztec, NM 87410

INVOICE #1554**Rig #6**

For the environmental work done at the Woosley P&A and Reclamation Project in McKinley County, New Mexico. This work was done under Contract Number: 99-521-.25-080

Part A: Individual Well Clean Up (per bid) -

	<u>Bid Price</u>
Santa Fe Energy #1 Well	\$ 3,700.00
Santa Fe Energy #1 Well	\$ 200.00
State #1 Well	\$ 1,170.00
State #2 Well	\$ 200.00
State #3 Well	\$ 100.00

Part B: State Central Tank Battery & Production Pit (per bid) -**\$ 7,660.00****Part C: State Central Production Pit & Santa Fe Pit - Fluid Removal -
(not included in bid)**

3-31-99	#1	Three Rivers Trucking, Invoice #RC-39829	\$ 325.00	
4-12-99	#2	Three Rivers Trucking, Invoice #RC-39945	\$ 325.00	
4-27-99	#3	Three Rivers Trucking, Invoice #RC-40056	\$ 1,977.50	
4-22-99	#4	Poor Boys Hot Oil Service, Inv # 1147	\$ 437.50	
		Total	\$ 3,065.00	
		TAX @ 5.9375%	\$ 181.98	\$ 3,246.98

**Part D: State Central Production Excavation, Testing & Land Farming -
(not included in bid)**

See attached page #5 for detail of work done	\$ 16,966.25	
TAX @ 5.9375%	\$ 1,007.37	\$ 17,973.62
		=====

THANK YOU**TOTAL DUE****\$ 34,250.60**

OK
Denny G. Ford
6/10/99

THREE RIVERS TRUCKING, INC.

P.O. BOX 2728
FARMINGTON, NEW MEXICO 87499
(505) 325-8017

INVOICE

No. **RC-39829**

To: **A Plus Well Service**
PO BX 1979
Farmington NM 87499

Date **03/31/99**

P. O. No. **Verbal**

Robert Whiteley

From			To				
Santa Fe Energy #1			Basin				
Truck No.	Date	Service Rendered	Capacity	Ticket No.	Hours	Rate	Amount
120	03/31	hauled earth pit to disposal	80	98735	5	\$45.00	\$225.00
		disposal charges					\$100.00
Trucking			Total				\$325.00
			NM Sales Tax				Resale
			TOTAL CHARGES				\$325.00

Trucking

SF #1 Pit Recharge

#1

P. O. BOX 2728

FARMINGTON, NEW MEXICO 87499

(505) 325-8017

CUSTOMER

Woosley Oil Co.

LEASE

Santa Fe Energy #1

TRUCK NO.

120

DRIVER

Ronnie Patton

DATE

3-31-99

RIG WATER

☐

FRAC WATER

☐

OIL

☐

PITS

☒

OTHER

☐

Robert W Hitley

FROM

Earth Pits on loc.

TO

Basin

BBLS. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	Starting Time 12:30 A.M.	Stop Time A.M.				
2. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
3. BBLS. Hauled 80	Starting Time A.M.	Stop Time A.M.				
4. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
5. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
6. BBLS. Hauled	Starting Time A.M.	Stop Time 5:30 A.M.			5	
7. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
8. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
9. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
10. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
11. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
12. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
13. ROAD TIME IN XXXXX	Starting Time A.M.	Stop Time A.M.				
TOTAL BBLS. 80			XXXXX XXXXX		5	TOT. HOU

ROAD CONDITIONS: CLEAR ☒ ICE ☐ SNOWING ☐ RAINING ☐ MUD ☐ CHAINS REQ. ☐

REMARKS:

Rough Road

FUEL

KEY NUMBER OR TANK

(OFFICE USE ONLY: CHECKED BY

SIGNED

Ronnie Patton

DRIVER

THREE RIVERS TRUCKING, INC.

P.O. BOX 2728
FARMINGTON, NEW MEXICO 87499
(505) 325-8017

INVOICE

No. **RC-39945**

To: **A Plus Well Service**
PO BX 1979
Farmington NM 87499

Date **04/13/99**

P. O. No. **Verbal**

Robert Whiteley

From			To				
State Well #3			Basin Disp				
Truck No.	Date	Service Rendered	Capacity	Ticket No.	Hours	Rate	Amount
120	04/12	hauled from reserve pit to Basin	80	99494	6	\$45.00	\$270.00
		disposal charge					\$55.00
Trucking			Total				\$325.00
			NM Sales Tax				resale
			TOTAL CHARGES				\$325.00

JLING
331

THREE RIVERS TRUCKING, INC.

P. O. BOX 2728
FARMINGTON, NEW MEXICO 87499

(505) 325-8017

33121

#1

15

CUSTOMER Woosley Oil & Gas State Well #3
TRUCK NO. 120 DRIVER Ronnie Patton DATE 4-12-99
RIG WATER ☐ FRAC WATER ☐ OIL ☐ PITS ☐ OTHER Robert Whitely
FROM Reserve Pit TO Basin

BBLS. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	Starting Time <u>7:00</u> A.M.	Stop Time A.M.				
2. BBLS. Hauled <u>80</u>	Starting Time A.M.	Stop Time A.M.				
3. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
4. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
5. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
6. BBLS. Hauled	Starting Time A.M.	Stop Time <u>1:00</u> A.M.			<u>6</u>	
7. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
8. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
9. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
10. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
1. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
2. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
3. ROAD TIME IN XXXXX	Starting Time A.M.	Stop Time A.M.				
TOTAL BBLS. <u>80</u>			XXXXX XXXXX		<u>6</u>	TOTAL HOURS

ROAD CONDITIONS: CLEAR ☒ ICE ☐ SNOWING ☐ RAINING ☐ MUD ☐ CHAINS REQ. ☐

REMARKS: Real Rough Road

FUEL _____ KEY NUMBER OR TANK _____

OFFICE USE ONLY: CHECKED BY _____ SIGNED Ronnie Patton
DRIVER

OIL & WATER HAULING
NMSCC 3561

THREE RIVERS TRUCKING, INC.

P.O. BOX 2728
FARMINGTON, NEW MEXICO 87499
(505) 325-8017

INVOICE

No. **RC-40056**

To: **A Plus Well Service**
PO BX 1979
Farmington, NM 87499

Date **04/27/99**

P. O. No. **Verbal**

Robert Whiteley

From	To
Farmington	Tank Battery 1,2,3

Truck No.	Date	Service Rendered	Capacity	Ticket No.	Hours	Rate	Amount
111	04/22	transferred water to hot oil truck	80	99361	12	\$45.00	\$540.00
118	04/22	hauled pit to Basin	80	99608	14	\$45.00	\$630.00
120	04/22	hauled pit to Basin	80	99634	13.5	\$45.00	\$607.50
		disposal charges					\$200.00
Total							\$1,977.50
NM Sales Tax							Resale
TOTAL CHARGES							\$1,977.50

Trucking

Central Pt

#3

OIL & WATER HAULING
NMSCC 3561

THREE RIVERS TRUCKING, INC.

P. O. BOX 2728
FARMINGTON, NEW MEXICO 87499

(505) 325-8017

CUSTOMER

TRUCK NO.

DRIVER

EASE

DATE

RIG WATER ☐

FRAC WATER ☐

OIL ☐

PITS ☐

OTHER ☐

FROM

TO

BBLS. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	Starting Time 5:00 A.M.	Stop Time A.M.				
2. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
3. BBLS. Hauled 80	Starting Time A.M.	Stop Time A.M.				
4. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
5. BBLS. Hauled	Starting Time A.M.	Stop Time 10:30 A.M.			13 1/2	
6. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
7. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
8. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
9. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
10. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
11. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
12. BBLS. Hauled	Starting Time A.M.	Stop Time A.M.				
13. ROAD TIME IN XXXXX	Starting Time A.M.	Stop Time A.M.				
TOTAL BBLS. 80			XXXXX	XXXXX	13 1/2	TOTAL HOUR

ROAD CONDITIONS: CLEAR ☐ ICE ☐ SNOWING ☐ RAINING ☐ MUD ☒ CHAINS REQ. ☒

REMARKS: Put a set of chains on

FUEL _____ KEY NUMBER OR TANK _____

(OFFICE USE ONLY: CHECKED BY _____)

SIGNED

DRIVER

OIL & WATER HAULING
NMSCC 3561

THREE RIVERS TRUCKING, INC.

P. O. BOX 2728
FARMINGTON, NEW MEXICO 87499
(505) 325-8017

CUSTOMER A-PLUS WELL SERVICE LEASE TANK BATTERY WELL #1-#2-#3
TRUCK NO. 118 DRIVER JOSEPH SANCHEZ DATE 04-22-99
RIG WATER ☐ FRAC WATER ☐ OIL ☐ PITS ☒ OTHER Robert WHITLEY
FROM PIT (BIG PIT) TO BASIN

BBLS. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	Starting Time	A.M. Stop Time	A.M. P.M.			
2. BBLS. Hauled	80 Starting Time 5:00	A.M. Stop Time 7:00	A.M. P.M.			
3. BBLS. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
4. BBLS. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
5. BBLS. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
6. BBLS. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
7. BBLS. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
8. BBLS. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
9. BBLS. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
10. BBLS. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
11. BBLS. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
12. BBLS. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
13. ROAD TIME IN	XXXXXX Starting Time	A.M. Stop Time	A.M. P.M.			
TOTAL BBLS.			XXXXXX XXXXX			14 TOTAL HOURS

ROAD CONDITIONS: CLEAR ☐ ICE ☐ SNOWING ☒ RAINING ☒ MUD ☒ CHAINS REQ. ☒
REMARKS CHUCKY CHUCK DOWN, PITS WITH LONG TIME TO LOC, 2 hrs unloading at Basin
FUEL _____ KEY NUMBER OR TANK _____

(OFFICE USE ONLY: CHECKED BY _____) SIGNED Joseph Sanchez DRIVER

OIL & WATER HAULING
NMSCC 3561

THREE RIVERS TRUCKING, INC.

93361

P. O. BOX 2728
FARMINGTON, NEW MEXICO 87499
(505) 325-8017

CUSTOMER A Plus LEASE TANK Battery WELL 1,2,3
TRUCK NO. 111 DRIVER Robert Bair DATE 4-22-99
RIG WATER ☐ FRAC WATER ☐ OIL ☐ PITS ☐ OTHER Robert Whitly
FROM A Plus Rlg Rig Pit 3 Res Pit TO Hot Oil Truck

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out <u>80</u>	Starting Time <u>5:00</u> <u>A.M.</u>	Stop Time <u>5:00</u> <u>P.M.</u>				
2. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
3. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
4. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
5. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
6. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
7. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
8. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
9. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
10. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
11. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
12. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
13. ROAD TIME IN <u>XXXXXX</u>	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
TOTAL BBLs.			<u>XXXXXX</u>			<u>12</u> TOTAL HOURS

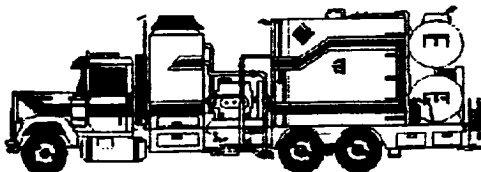
ROAD CONDITIONS: CLEAR ☐ ICE ☐ SNOWING ☐ RAINING ☐ MUD ☐ CHAINS REQ. ☐

REMARKS: _____

FUEL _____ KEY NUMBER OR TANK _____

(OFFICE USE ONLY: CHECKED BY _____) SIGNED Robert Bair
DRIVER

POOR BOYS HOT OIL SERVICE



PO Box 1234
Cuba, NM 87013
Phone: (505) 289-3107 F 289-0135
Fed ID: 742829684

Invoice

Services Delivered To:
A-PLUS WELL SERVICE P.O. BOX 1979 FARMINGTON, N.M. 87499

DATE	INVOICE #
04/22/1999	1147
TERMS	DUE DATE
Net 30	05/22/1999
DRIVER	TRUCK NO
AD	14

LOCATION	Tank Battery 1,2, &3	P.O. NO.
ORDERED BY	ROBERT	

DESCRIPTION	ITEM	QTY	RATE	AMOUNT
RODE OUT. LOAD WATER. PUMP INTO EARTH PIT AS TOLD. RODE BACK.	Hot Oil Tr...	6	65.00	390.00T
Propane Used	Propane	50	0.95	47.50T
Sales Tax			5.625%	24.61
<p style="text-align: center;"><i>Central Pit</i></p> <p style="text-align: right;">#4</p> <p style="text-align: right;">\$437.50</p>				

Thank you for your business.

Total **\$462.11**

RECEIVED BY _____
Past due accounts are subject to an interest charge of 1 1/2% per month.
The annual percentage rate is 18%(or the highest rate allowed by law).

Woosley Plugging & Reclamation Project

Date June 9, 1999

Page #5

Santa Fe Energy # 1 (Remove & haul 5 yards of contaminated soil to LF, test & close both pits)

Bid amount \$ 3,700.00

	Additional cost per supplemental bid sheet	
5-25-1999	3.5 hrs trackhoe to clean up pit @ 95.00 ph	\$ 332.50
5-26 & 5-27-1999	Trucking to Central Landfarm 16.5 hrs @ 60.00 ph	\$ 990.00
5-26 & 5-27, 1999	9.5 hrs Loader to load contaminated soil @ 75.00 ph	\$ 712.50
	Landfarm 340 cy of contaminated soil @ 9.80 cy	\$ 3332.00

Santa Fe Energy # 2 (Remove Concrete pad and cleanup contaminated soil to LF)

Bid cost \$ 200.00

5-28-1999

State # 1 (Remove and haul 5 yards to LF & close small production pit)

Bid Cost \$ 1170.00

5-27-1999	Trucking to Central Landfarm 5.5 hrs @ 60.00 per hr	\$ 330.00
5-27-1999	Loader load contaminated soil 5.5 hrs @ 75.00 per hr	\$ 412.50
5-27-1999	Landfarm 50 cy of contaminated soil @ 9.80 cy	\$ 490.00

State # 2 (Remove & haul contaminated soil to LF)

Bid cost \$ 200.00

6-1-1999

Trucking ,site cleanup 1 hr @ 60.00 per hr \$ 60.00

State # 3 (Remove contaminated soil and Haul to LF)

Bid cost \$ 100.00

6-1-1999

Trucking ,site cleanup 1 hr @ 60.00 per hr \$ 60.00

State Central Tanks & Production Pits and Landfarm construction

Production Pit

Bid Cost \$ 7660.00

6-1-1999	Trackhoe remove contaminated soil 4.75 hrs @ 95.00	\$ 451.25
6-2-1999	Loader backfill production pit 4 hrs @ 75.00	\$ 300.00
6-2-1999	Landfarm 710 cy of contaminated soil @ 9.80 cy	\$ 6958.00
	Trucking of Contaminated soil to Envirotech 18.5 hrs @ 60.00	\$ 1110.00
5-24-1999	Contaminated soil acceptance fee 40 cy @ 18.00cy	\$ 720.00

Tank Battery Site

5-27-1999

Trackhoe site cleanup 3.5 hrs @ 95.00 per hr \$ 332.50

5-27-1999

Loader site cleanup 5 hrs @ 75.00 per hr \$ 375.00

Total Bid Amount

\$ 13,030.00

Additional Charges

\$ 16,966.25

Total Environmental Invoice Amount \$ 29,996.25

Substitute for Bid Form PAGE 1A

From A-Plus Well Service, Inc.						23-Nov
New Mexico Oil Conservation Division - Woosley Plugging & Reclamation Project						
Bid #90-521-02-03315						
Well Plugging Bid Detail				Environmental Bid Detail		
Well Name	Cement Retainers	Sacks of Cement	Perforate	P&A Cost	Reclamation Cost	Remarks:
SF Energy #1	One 4-1/2"	100	Twice	\$8,590.00	\$ 3,700.00	Remove vertical separator and oil tank; haul 5 yds. to LF, test and close prod. test and close large reserve pit;
SF Energy #2	One 4-1/2"	70	Twice	\$7,290.00	\$ 200.00	Remove cement pad and break up dirty dirt around wellhead;
State #1	One 5-1/2"	150	Twice	\$9,278.00	\$ 1,170.00	Remove old oil tank, haul 5 yds. to LF test and close small production pit;
State #2	None	40	Once	\$6,424.00	\$ 200.00	Remove pumping unit, remove burnt paraffin and break up dirty dirt around wellhead;
State #3	None	40	None	\$5,162.00	\$ 100.00	Remove pumping unit;
						State Central Tanks & Production P and Land Farm Construction
					\$ 7,660.00	Obtain archaeological clearance, construct 200' x 200' land farm, sample and test soil from pits, excavate contaminated soil as directed and maintain land farm per supplement rate sheet;
TOTALS				\$36,744.00	\$ 13,030.00	
Total Plugging and Environmental Bid: \$49,774.00						

Tax I 1554

NEW MEXICO OIL CONSERVATION DIVISION
SUPPLEMENTAL BID RATE SHEET

(To be filled out by bidder and returned with bid)

SUPPLEMENTAL BID RATES Bid Identification Number: 90-521-02-03315

Bidder: A-Plus Well Service, Inc

Supplemental Bid Rates are to be applicable if charges are made in addition to or in lieu of turnkey bid. Switching to hourly rate or other implementation of Supplementary Bid Rates must be approved by the EMNRD-OCD Representative on-site or by the District Supervisor of the appropriate District Office. The turnkey bid will not be accepted unless all Supplemental Bid Data is furnished. The Supplemental Bid Rates listed below will be considered firm bids.

DESCRIPTION OF SERVICE	RATE PER	UNIT
Rig equipped to perform all work set out in Plugging/Remediation/Restoration Procedures.	\$ 153 ⁰⁰	Hour ✓
Cement pumping.	\$ 725 ⁰⁰	Hour DAY
Cement to include any blending and any transportation costs.	\$ 940	Hour Sack
Perforating to include ten holes per run and setup charges.	\$ 410 ⁰⁰	Hour Event
Move in-out charges.	\$ 2700 ⁰⁰	Hour PROJECT
Water truck- Capacity <u>805</u> barrels.	\$ 42 ⁰⁰	Hour ✓
Welder- Minimum hours if applicable.	\$ 35 ⁰⁰	Hour ✓
Backhoe- Minimum hours if applicable.	\$ 45 ⁰⁰	Hour ✓
Dozer- Minimum hours if applicable.	\$ 58 ⁰⁰	Hour ✓
Furnished tubular goods- Description.	\$ 0.12	Hour per foot - 2 3/4" tub
Track Hoe Minimum hours if applicable.	\$ 95 ⁰⁰	Hour ✓
Trucking Minimum hours if applicable.	\$ 60 ⁰⁰	Hour ✓
Front End Loader Minimum hours if applicable.	\$ 75 ⁰⁰	Hour ✓
Environmental Technician.	\$ 51 ⁰⁰	Hour ✓
Lab Analysis TPH	\$ 80 ⁰⁰	Per Analysis ✓
Lab Analysis BTEX	\$ 80 ⁰⁰	Per Analysis ✓
Contaminated Soil Disposal.	\$ 18 ⁰⁰	Per Cubic Yard ✓
Soil Landfarming Onsite.	\$ 980	Per Cubic yard / per year

P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
Rio Brazos Road
Artesia, NM 87410
District IV - (505) 827-7131

NEW MEXICO
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Originated 8/8/95

Submit Original
Plus 1 Copy
to appropriate
District Office

Env. JN: _____

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <i>Dunn Forest 3-31-99 11:10</i>	4. Generator <i>NHOC - Woolsey</i>
2. Management Facility Destination <i>Envirotech Soil Remediation Facility Landfarm #2</i>	5. Originating Site <i>Santa Fe Energy #1</i>
3. Address of Facility Operator <i>5796 US Highway 64 Farmington, NM 87401</i>	6. Transporter <i>Key Energy - Bigh.</i>
7. Location of Material (Street Address or ULSTR)	8. State <i>New Mexico</i>
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Clean up materials spilled from ventral separator.

RECEIVED
MAR 31 1999
OIL CON. DIV.
DIST. 3

Estimated Volume 1 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: *Harlan M. Brown* TITLE: Landfarm Manager DATE: 3-31-99
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Harlan M. Brown TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: *Denny G. Fent* TITLE: Geologist DATE: 3/31/99
APPROVED BY: *Charlie* TITLE: _____ DATE: _____

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address: NMOC - WOOSLEY P&A 1000 Rio Brazos Rd. Aztec, N.M. 87410	2. Destination Name: Envirotech Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): WOOSLEY P&A. SANTA FE #1 "P" Sec 8, T19N, R6W McKinley. <small>Attach list of originating sites as appropriate</small>	Location of the Waste (Street address &/or ULSTR):
4. Source and Description of Waste BS&W from Vertical Separator spilled @ "A Plus" yard cleaned up w/ Kitty Litter. Being moved under NMOC Contract.	

I, Denny Foust _____ representative for:
(Print Name)
New Mexico Oil Conservation Division do hereby certify that,
 according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,
 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste ☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste only the following documentation is attached (check appropriate items):

☐ MSDS Information ☐ Other (description):
☐ RCRA Hazardous Waste Analysis
☐ Chain of Custody

Name (Original Signature): Denny Foust
 Title: Environmental Geologist
 Date: 3/31/99