

DIVISION OF WATER RIGHTS  
REQUEST FOR PROVISIONAL/MONITOR WELL CONSTRUCTION  
(for wells deeper than 30 feet)

RECEIVED  
OCT 27 1994

Well Type (check one): Provisional ( ) Monitor (x)

Applicants Name: SUMMO USA CORPORATION

WATER RIGHTS  
SALT LAKE

Mailing Address: 1776 Lincoln St. Suite 1100  
Denver, CO 80203

Contact Person: Greg Hahn, Vice President Phone: (303) 861-5400

Proposed Start Date: Oct. 20 Anticipated Completion Date: Nov. 10

Well Drillers License No: 188 Proposed No. of Wells: 6

PROPOSED LOCATION OF WELLS: County: San Juan

NO./SO. DISTANCE (feet)	EAST/WEST DISTANCE (feet)	SECTION CORNER	SECTION	TOWNSHIP	RANGE	BASE	DIAMETER (inches)	DEPTH (feet) (EST.)
N1000	W1300	W4	15	2S	1W	SL	2	100
N500	W500	SE	23	30S	25E	SL	2	500
N200	W500	SE	25	30S	25E	SL	2	500
S2500	E1000	NW	27	30S	25E	SL	2	500
S1000	W1800	NE	5	31S	26E	SL	2	500
S500	W500	NE	1	31S	25E	SL	2	500
N2000	E200	SW	36	30S	25E	SL	2	500

Use back of form or additional paper if more room is needed

EXPLANATORY: Groundwater monitor wells are for a future copper heap leach operation to be proposed for permitting in 1995. Holes have been drilled; we await approval to complete monitor wells. USBLM and Utah State Lands approvals to drill accompany application.

Greg Hahn  
Signature of Applicant

October 24, 1994  
Date

FOR OFFICE USE ONLY

Date of Request: 10-24-94

Approval Date: 10-25-94

Approved by: [Signature]

Provisional/Monitor Well No. 94-05-001A

Water Right Number (if available): N.A.



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER RIGHTS

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
Robert L. Morgan  
State Engineer

Southeastern Area  
453 South Carbon Avenue  
P.O. Box 718  
Price, Utah 84501-0718  
801-637-1303

October 25, 1994

Summo USA Corporation  
Attn: Greg Hahn, Vice President  
1776 Lincoln Street Suite 1100  
Denver, Colorado 80203

Dear Applicant:

Re: Monitor Well 94-05-001-M

Reference is made to your request to drill 6 monitor wells. The anticipated completion depth is to exceed the minimum regulated and reporting monitor well depth of 30 feet.

The specifications outlined in your monitor request dated October 24, 1994, meet the State Engineer's requirements and permission is hereby granted to complete the well in accordance with those specifications and the following provisions:

- 1) Small diameter casing is to be used in the construction of the well and no more water is to be diverted than is necessary to determine the quality of the ground water by obtaining representative samples as required by the project.
- 2) The well must be drilled by a currently licensed Utah driller and must be drilled in a manner consistent with the recommended construction standards cited in the Utah State Administrative Rules for Well Drillers.
- 3) The enclosed Driller (Start) card must be given to the licensed driller for his submittal prior to commencing well construction. The second portion of the card is the Applicant Card. It is YOUR RESPONSIBILITY to sign and return upon final well completion.
- 4) If complete information is not available in the initial application, it is the APPLICANT'S RESPONSIBILITY to provide, upon completion, descriptive locations of the well referenced by course and distance from established section corners, i.e. North 565 feet and West 1096 feet from the SE Corner of Section 35, T2S, R5W, SLB&M.
- 5) At such time as the well is no longer utilized to monitor ground water, and the intent of the project is terminated, the well must be temporarily or permanently abandoned in a manner consistent with the Administrative Rules.

This is your authorization to have a licensed Utah driller proceed with your monitoring well project. Note that the expiration date for the provisions is April 25, 1995.

Sincerely,

Mark P. Page  
Regional Engineer





## United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Moab District  
Grand Resource Area  
885 South Sand Flats Road  
Moab, Utah 84532



IN REPLY REFER TO:  
3809  
UTU-69918  
(UT-068)

OCT 05 1994

Mr. Gregory A. Hahn  
Summo USA Corporation  
1776 Lincoln Street, Suite 1100  
Denver, Colorado 80203

Re: Amendment to Mining Notice UTU-69918 (UDOGM File Number E/037/085)

Dear Mr. Hahn:

Thank you for submitting your mining notice amendment for the drilling of four groundwater monitoring wells on public land. We received your amendment notice on September 8, 1994, and have assigned it the case file number UTU-69918 (Amendment). Please refer to this number in all future correspondence with us regarding this amendment.

The proposed locations, each in San Juan County, Utah are T30S, R25E (SLM), Section 23: SE1/4 SE1/4; Section 25: SE1/4 SE1/4; Section 27: NW1/4 SW1/4 and T31S, R26E (SLM), Section 5: Lot 2.

Archaeological clearance has been obtained for this proposed action. You may, therefore, begin operations subject to the same conditions contained in our letter to you dated September 1, 1993.

With regard to the question of seed mix, use the same seed mix specified for reseedling of UTU-69918. We request that the seed to be used be certified as weed free. Should you have questions, please contact Sal Venticinque of my staff at (801) 259-8193.

Sincerely,

Area Manager

cc: Mr. Tony Gallegos  
Utah Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203



# State of Utah

*School and Institutional*  
**Trust Lands Administration**

Michael O. Leavitt  
Governor

Scott Hirsch  
Director

355 West North Temple  
5 Third Center, Suite 400  
Salt Lake City, UT 84100-1204  
801-538-5508  
801-355-0922 (fax)

September 16, 1994

Gregory Hahn, V.P.  
SUMMO USA Corp.  
1100 Denver Center Bldg.  
1776 Lincoln Street  
Denver, CO 80203

RE: ML 17661 & ML 20569

Dear Mr. Hahn:

The Trust Lands Administration has completed its review of your proposed 1994 drilling project regarding the above numbered state leases. An archaeological survey will not be required for this project.

I am also in receipt of a \$5,000 surety bond covering the leases. Please notify me when all reclamation work is completed to have the bond released.

Upon receiving final approval of your notification to the Utah Division of Oil, Gas & Mining you may proceed with operations. At the completion of this project you should submit a detailed report of costs and geological results in order to establish a basis of review for diligent operations under the lease in 1995.

Sincerely,

JOHN T. BLAKE  
MINERAL RESOURCES SPECIALIST

JTB/tdw

cc: Tony Gallegos

*[Handwritten signature]*

Examined           
Recorded: B. C.          T. B.           
Inspection Sheet           
Copied         

# REPORT OF WELL DRILLER

## STATE OF UTAH

Application No. 94-05-001-M-02  
Claim No.           
Coordinate No.         

GENERAL STATEMENT: Report of well driller is hereby made and filed with the State Engineer, in accordance with the laws of Utah. (This report shall be filed with the State Engineer within 30 days after the completion or abandonment of the well. Failure to file such reports constitutes a misdemeanor.)

(1) WELL OWNER:  
Name Summo USA Corp.  
Address 1776 Lincoln St #1100, Denver, Co 80202

(2) LOCATION OF WELL:  
County San Juan Ground Water Basin           
(leave blank)  
North          East           
South          West          feet from          Corner  
of Section 23 T 30 N R. 25  E 1/4  S 1/4 (strike  
out words not needed)  W 1/4 USM

(3) NATURE OF WORK (check): New Well   
Replacement Well  Deepening  Repair  Abandon   
If abandonment, describe material and procedure:         

(4) NATURE OF USE (check): Domestic  Industrial  Municipal  Stockwater   
Irrigation  Mining  Other  Test Well

(5) TYPE OF CONSTRUCTION (check): Rotary  Dug  Jotted   
Cable  Driven  Bored

(6) CASING SCHEDULE: Threaded  Welded   
2" Diam. from 0 feet to 132.4 feet Gage 80  
" Diam. from          feet to          feet Gage           
" Diam. from          feet to          feet Gage           
New  Reject  Used

(7) PERFORATIONS: Perforated? Yes  No   
Type of perforator used           
Size of perforations          inches by          inches  
perforations from          feet to          feet  
perforations from          feet to          feet  
perforations from          feet to          feet  
perforations from          feet to          feet

(8) SCREENS: Well screen installed? Yes  No   
Manufacturer's Name           
Type          Model No. 122.4 141.3  
2" Slot size 0.50 Set from 132.4 ft. to 152.8  
Diam.          Slot size          Set from          ft. to         

(9) CONSTRUCTION:  
Was well gravel packed? Yes  No  Size of gravel: 8-12  
Gravel placed from 108.9 feet to 152.8 feet  
Was a surface seal provided? Yes  No   
To what depth? 19.5 feet  
Material used in seal: Portland I + II cement  
Did any strata contain unusable water? Yes  No   
Type of water:          Depth of strata           
D of sealing strata off: 1/4" bentonite pellet seal

Was surface casing used? Yes  No   
Was it cemented in place? Yes  No

(10) WATER LEVELS:  
Static level          feet above land surface Date 10/29/94  
Artesian pressure          feet below land surface Date         

LOG RECORDED DEC 2 1994  
(11) FLOWING WELL:  
Controlled by (check) Valve   
Cap  Plug  No Control   
Leak around casing? Yes  No

(12) WELL TESTS: Drawdown is the distance in feet the water level is lowered below static level.  
Was a pump test made? Yes  No  If so, by whom?           
Yield:          gal./min. with          feet drawdown after          hours  
"          " " " " " "  
"          " " " " " "  
Baller-test          gal./min. with          feet drawdown after          hours  
Artesian flow          g.p.m. Date           
Temperature of water          Was a chemical analysis made? No  Yes

(13) WELL LOG: Diameter of well 6 1/2 inches  
Depth drilled 220 feet. Depth of completed well          feet.

NOTE: Place an "X" in the space or combination of spaces needed to designate the material or combination of materials encountered in each depth interval. Under REMARKS make any desirable notes as to occurrence of water and the color, size, nature, etc., of material encountered in each depth interval. Use additional sheet if needed.

DEPTH		MATERIAL										REMARKS
From	To	Clay	Silt	Sand	Gravel	Cobbles	Boulders	Hardpan	Conglomerate	Bedrock	Other	
0	20		X		X							
20	25											Sandstone
25	30	X		X								shale and chert
30	50									X		fine-grained sandstone
50	220									X		

Work started Oct 22, 1994 Completed Oct 23, 1994

(14) PUMP:  
Manufacturer's Name           
Type:          H. P.           
Depth to pump or bowles          feet

Well Driller's Statement:  
This well was drilled under my supervision, and this report is true to the best of my knowledge and belief.  
Name DRILLING SERVICES INC (Person, firm, or corporation)  
Address 13030 E RIGGS RD CHANDLER AZ  
(Signed) [Signature] (Well Driller)  
License No. 188 Date 11-16, 1994

RECEIVED  
DEC 2 1994  
WATER RIGHTS  
SALT LAKE

JAH

Recorded: B. C. T. B.
Inspection Sheet.
Copied

REPORT OF WELL DRILLER
STATE OF UTAH

Application No. 94-05-001-M
Claim No.
Coordinate No.

GENERAL STATEMENT: Report of well driller is hereby made and filed with the State Engineer, in accordance with the laws of Utah.

(1) WELL OWNER:
Name Summo USA Corp.
Address 1776 Lincoln St #1102, Denver, CO 80203

(12) WELL TESTS:
Was a pump test made? Yes No X
Yield: gal./min. with feet drawdown after hours
Ball test gal./min. with feet drawdown after hours
Artesian flow g.p.m. Date
Temperature of water 57.0 Was a chemical analysis made? No Yes X

(2) LOCATION OF WELL:
County San Juan Ground Water Basin
North East
South West
of Section 1 T 31 N R 25 E SLBM (strike out words not needed)

(13) WELL LOG:
Diameter of well inches
Depth drilled feet. Depth of completed well feet.

(3) NATURE OF WORK (check):
New Well X
Replacement Well
Deepening
Repair
Abandon

NOTE: Place an "X" in the space or combination of spaces needed to designate the material or combination of materials encountered in each depth interval.

(4) NATURE OF USE (check):
Domestic Industrial Municipal Stockwater
Irrigation Mining X Other Test Well X

Table with columns: DEPTH (From, To), MATERIAL (Clay, Silt, Sand, Gravel, Cobbles, Boulders, Hardpan, Conglomerate, Bedrock, Other), and REMARKS. Contains handwritten data for well depth and material types.

(5) TYPE OF CONSTRUCTION (check):
Rotary X Dug Jotted
Cable Driven Bored

(6) CASING SCHEDULE:
7" Diam. from 20 feet to 0 feet Gage 3/4"
2" Diam. from 275 feet to 0 feet Gage SCH 80

(7) PERFORATIONS:
Type of perforator used Factory
Size of perforations 0.50 0.05 inches by inches
perforations from 275.3 feet to 277.9 feet

(8) SCREENS:
Well screen installed? Yes X No
Manufacturer's Name
Type PVC Model No. SCH 80
Diam. 2" Slot size 0.50 Set from 255.3 ft. to 277.9

(9) CONSTRUCTION:
Was well gravel packed? Yes X No
Gravel placed from 275 feet to 240 feet
Was a surface seal provided? Yes X No
To what depth? 20 feet
Material used in seal: Portland cement type I + II

Was surface casing used? Yes X No
Was it cemented in place? Yes X No

(10) WATER LEVELS:
Static level 256.6 feet below land surface Date 10/21/94
Artesian level

LOG RECEIVED: (11) FLOWING WELL:
Controlled by (check) Valve
Cap Plug No Control
Does well leak around casing? Yes No

Work started Oct 18, 1994 Completed Oct 21, 1994

(14) PUMP:
Manufacturer's Name
Type H. P.
Depth to pump or bowls feet

Well Driller's Statement:
This well was drilled under my supervision, and this report is true to the best of my knowledge and belief.
Name DRILLING SERVICES INC.
Address 12000 E RIGGS RD CHANDLER AZ
(Signed) [Signature]
License No. 188 Date 11-16-94

RECEIVED DEC 21 1994 WATER RIGHTS SALT LAKE

*JAN*

Recorded: B. C. T. B. Inspection Sheet Copied

REPORT OF WELL DRILLER STATE OF UTAH

Application No. 94-15-001-17-04 Claim No. Coordinate No.

GENERAL STATEMENT: Report of well driller is hereby made and filed with the State Engineer, in accordance with the laws of Utah. (This report shall be filed with the State Engineer within 80 days after the completion or abandonment of the well. Failure to file such reports constitutes a misdemeanor.)

(1) WELL OWNER: Name Summo USA Corp. Address 1776 Lincoln St., #100, Denver, CO 80203

(12) WELL TESTS: Drawdown is the distance in feet the water level is lowered below static level. Was a pump test made? Yes No X If so, by whom? Yield: gal./min. with feet drawdown after hours

(2) LOCATION OF WELL: County San Juan Ground Water Basin (leave blank) North East feet from Corner South West feet from

(13) WELL LOG: Diameter of well 2 inches Depth drilled 110 feet. Depth of completed well 109.7 feet.

(3) NATURE OF WORK (check): New Well X Replacement Well Decpning Repair Abandon

NOTE: Place an "X" in the space or combination of spaces needed to designate the material or combination of materials encountered in each depth interval. Under REMARKS make any desirable notes as to occurrence of water and the color, size, nature, etc., of material encountered in each depth interval. Use additional sheet if needed.

(4) NATURE OF USE (check): Domestic Industrial Municipal Stockwater Irrigation Mining Other Test Well X

Table with columns: DEPTH (From, To), MATERIAL (Clay, Silt, Sand, Gravel, Cobbles, Boulders, Hardpan, Conglomerate, Bedrock, Other), REMARKS. Includes handwritten data for Mancoos shale at 30-110 feet depth.

(5) TYPE OF CONSTRUCTION (check): Rotary X Dug Jetted Cable Driven Bored

(6) CASING SCHEDULE: Threaded Welded 2" Diam. from 0 feet to 90.0 feet Gage Sch 80

(7) PERFORATIONS: Perforated? Yes No X Type of perforator used Size of perforations inches by inches

(8) SCREENS: Well screen installed? Yes No X Manufacturer's Name Type Sch 80 PVC Model No. 2" Slot size .010" Set from 90.0 ft. to 109.3'

(9) CONSTRUCTION: Was well gravel packed? Yes No Size of gravel: 10-20 Gravel placed from 75.8 feet to 110.0 feet

Was surface casing used? Yes X No Was it cemented in place? Yes X No

(10) WATER LEVELS: Static level 60.03 feet below land surface Date 10/29/94

Work started 10/25/94 Completed 10/26/94

(14) PUMP: Manufacturer's Name Type H. P. Depth to pump or bowles feet

Well Driller's Statement: This well was drilled under my supervision, and this report is true to the best of my knowledge and belief.

LOG RECEIVED: DEC 21 1994 (11) FLOWING WELL: Controlled by (check) Valve Cap Plug No Control

Name DRILLING SERVICES INC (Person, firm, or corporation) (Type or print) Address 12000 E Pikes Rd Chandler AZ (Signed) [Signature] (Well Driller) License No. 188 Date 11-16 1994

WATER RIGHTS SALT LAKE

Recorded: B. C. T. B.
Inspection Sheet
Copied

REPORT OF WELL DRILLER
STATE OF UTAH

Application No. 94-15-11-17-04
Claim No.
Coordinate No.

GENERAL STATEMENT: Report of well driller is hereby made and filed with the State Engineer, in accordance with the laws of Utah. (This report shall be filed with the State Engineer within 30 days after the completion or abandonment of the well. Failure to file such reports constitutes a misdemeanor.)

(1) WELL OWNER: Summo USA Corp.
Name
Address 1776 Lincoln St., #100, Denver, CO 80203

(2) LOCATION OF WELL:
County San Juan Ground Water Basin
North East feet from Corner
South West feet from Corner
of Section 5 T. 31 N. R. 26 SLBM (strike out words not needed)

(3) NATURE OF WORK (check): New Well
Replacement Well
Deepening
Repair
Abandon

NATURE OF USE (check):
Domestic
Industrial
Municipal
Stockwater
Irrigation
Mining
Other
Test Well

(5) TYPE OF CONSTRUCTION (check):
Rotary
Dug
Jetted
Cable
Driven
Bored

(6) CASING SCHEDULE: Threaded Welded
2" Diam. from 0 feet to 90.0 feet Gage Sed 80
" Diam. from feet to feet Gage
" Diam. from feet to feet Gage
New Reject Used

(7) PERFORATIONS: Perforated? Yes No
Type of perforator used
Size of perforations inches by inches
perforations from feet to feet
perforations from feet to feet
perforations from feet to feet
perforations from feet to feet
perforations from feet to feet

(8) SCREENS: Well screen installed? Yes No
Manufacturer's Name
Type Sed 80 PVC Model No.
2" Slot size .010" Set from 90.0 ft. to 109.3'
Diam. Slot size Set from ft. to

(9) CONSTRUCTION:
Was well gravel packed? Yes No Size of gravel: 10-20
Gravel placed from 75.8 feet to 110.0 feet
Was a surface seal provided? Yes No
To what depth? 20 feet
Material used in seal: Portland Type I + II Cement
Did any strata contain unusable water? Yes No
Type of water: Depth of strata
Kind of sealing strata off: 1/4" bentonite pellet seal

Was surface casing used? Yes No
Was it cemented in place? Yes No

(10) WATER LEVELS:
Static level 60.03 feet below land surface Date 10/29/94
Artificial level feet below land surface Date

LOG RECEIVED: DEC 21 1994
(11) FLOWING WELL:
Controlled by (check) Valve
Cap Plug No Control
Will leak around casing? Yes No

(12) WELL TESTS: Drawdown is the distance in feet the water level is lowered below static level.
Was a pump test made? Yes No If so, by whom?
Yield: gal./min. with feet drawdown after hours
Ballor test gal./min. with feet drawdown after hours
Artesian flow g.p.m. Date
Temperature of water 55.7° Was a chemical analysis made? No Yes

(13) WELL LOG: Diameter of well 2 inches
Depth drilled 110 feet. Depth of completed well 109.7 feet.

NOTE: Place an "X" in the space or combination of spaces needed to designate the material or combination of materials encountered in each depth interval. Under REMARKS make any desirable notes as to occurrence of water and the color, size, nature, etc., of material encountered in each depth interval. Use additional sheet if needed.

Table with columns: DEPTH (From, To), MATERIAL (Clay, Silt, Sand, Gravel, Cobbles, Boulders, Hardpan, Conglomerate, Bedrock, Other), REMARKS. Includes handwritten entry for Mancos shale between 30 and 110 feet depth.

Work started 10/25/94, 1994 Completed 10/26, 1994

(14) PUMP:
Manufacturer's Name
Type H. P.
Depth to pump or bowles feet

Well Driller's Statement:
This well was drilled under my supervision, and this report is true to the best of my knowledge and belief.
Name DRILLING SERVICES INC
Address 12000 E Pikes Rd Chandler AZ
(Signed) [Signature] (Well Driller)
License No. 188 Date 11-16 1994

RECEIVED
WATER RIGHTS
SALT LAKE



*SAI*

Examined         
Recorded: B. C.        T. B.         
Inspection Sheet         
Copied       

### REPORT OF WELL DRILLER STATE OF UTAH

Application No. 94-05-001-M-02  
Claim No.         
Coordinate No.       

GENERAL STATEMENT: Report of well driller is hereby made and filed with the State Engineer, in accordance with the laws of Utah. (This report shall be filed with the State Engineer within 80 days after the completion or abandonment of the well. Failure to file such reports constitutes a misdemeanor.)

(1) WELL OWNER:  
Name Summo USA Corp  
Address 1776 Lincoln St #1100, Denver, CO 80203

(2) LOCATION OF WELL:  
County San Juan Ground Water Basin         
(leave blank)  
North        East        feet from        Corner  
South        West         
of Section 23 T 30 N R 25 E SLBM (strike  
out words not needed) W USM

(3) NATURE OF WORK (check): New Well   
Replacement Well  Deepening  Repair  Abandon   
If abandonment, describe material and procedure:       

NATURE OF USE (check):  
Domestic  Industrial  Municipal  Stockwater   
Irrigation  Mining  Other  Test Well

(5) TYPE OF CONSTRUCTION (check):  
Rotary  Dug  Jetted   
Cable  Driven  Bored

(6) CASING SCHEDULE: Threaded  Welded   
2 " Diam. from 0 feet to 132.4 feet Gage 80  
" Diam. from        feet to        feet Gage         
" Diam. from        feet to        feet Gage         
New  Reject  Used

(7) PERFORATIONS: Perforated? Yes  No   
Type of perforator used         
Size of perforations        inches by        inches  
perforations from        feet to        feet  
perforations from        feet to        feet  
perforations from        feet to        feet  
perforations from        feet to        feet

(8) SCREENS: Well screen installed? Yes  No   
Manufacturer's Name         
Type 2" Model No. 122.4 141.3  
Slot size 0.50 Set from 132.4 ft. to 141.3  
Diam.        Slot size        Set from        ft. to       

(9) CONSTRUCTION:  
Was well gravel packed? Yes  No  Size of gravel: 8-12  
Gravel placed from 108.9 feet to 152.8 feet  
Was a surface seal provided? Yes  No   
To what depth? 19.5 feet  
Material used in seal: Portland I + II cement  
Did any strata contain unusable water? Yes  No   
Type of water:        Depth of strata         
d of sealing strata off: 1/4" bentonite pellet seal

Was surface casing used? Yes  No   
Was it cemented in place? Yes  No

(10) WATER LEVELS:  
Static level        feet above land surface Date 10/29/94  
Artesian pressure        feet above land surface Date       

LOG RECEIVED: **RECEIVED**  
**DEC 2 1 1994**  
WATER RIGHTS  
SALT LAKE

(12) WELL TESTS: Drawdown is the distance in feet the water level is lowered below static level.  
Was a pump test made? Yes  No  If so, by whom?         
Yield:        gal./min. with        feet drawdown after        hours  
" " " " " "  
" " " " " "  
" " " " " "  
Ballor test        gal./min. with        feet drawdown after        hours  
Artesian flow        g.p.m. Date         
Temperature of water        Was a chemical analysis made? No  Yes

(13) WELL LOG: Diameter of well 6 1/2 inches  
Depth drilled 220 feet. Depth of completed well        feet.  
NOTE: Place an "X" in the space or combination of spaces needed to designate the material or combination of materials encountered in each depth interval. Under REMARKS make any desirable notes as to occurrence of water and the color, size, nature, etc., of material encountered in each depth interval. Use additional sheet if needed.

DEPTH		MATERIAL										REMARKS
From	To	Clay	Silt	Sand	Gravel	Cobbles	Boulders	Hardpan	Conglomerate	Bedrock	Other	
0	20		X		X							
20	25									X		Sandstone
25	30	X		X								
30	50									X		shale and chert
50	220									X		fine-grained sandstone

Work started Oct 22, 1994 Completed Oct 23, 1994

(14) PUMP:  
Manufacturer's Name         
Type H. P.  
Depth to pump or bowles        feet

Well Driller's Statement:  
This well was drilled under my supervision, and this report is true to the best of my knowledge and belief.  
Name DRILLING SERVICES INC (Type or print)  
Address 12030 E RIGGS RD CHANDLER AZ  
(Signed) [Signature] (Well Driller)  
License No. 188 Date 11-16, 1994