GW - 295

PERMITS, RENEWALS, & MODS Application

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Tuesday, May 20, 2008 2:53 PM
To: 'ldavis@smith.com'
Cc: 'chumphrey@smith.com'
Subject: Discharge Permit (GW-295) Termination

RE: "Site Remediation Report"
for the Smith International's
Smith Services, Drilco – Bender Road Facility
1120 West Bender Road, Hobbs, Lea County, New Mexico
Discharge Permit (GW-295) Termination

Dear Mr. Davis:

The New Mexico Oil Conservation Division (OCD) has received the site remediation report for the Smith Services, Drilco – Bender Road Facility, dated August 3, 2007, and has conducted a review of the report. The site remediation report, submitted for the above reference site, indicates that the Smith International has met the remediation requirements. Therefore, the OCD hereby approves the remediation report and gives notice that the Discharge Permit (GW-295) is terminated.

Please be advised that NMOCD approval of this report does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

RECEIVED
SEP 0 8 2003
OIL CONSERVATION
DIVISION

ATTACHMENT TO THE DISCHARGE PERMIT RENEWAL GW-295
SMITH SERVICES
HOBBS SERVICE FACILITY
DISCHARGE PERMIT APPROVAL CONDITIONS
(July 9, 2003)

1. Payment of Discharge Permit Fees: The $100.00 filing fee has been received by the OCD. There is a flat fee assessed for oil field service companies equal to $1,700.00. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the permit, with the first payment due upon receipt of this approval.

2. Smith Services Commitments: Smith Services will abide by all commitments submitted in the discharge permit renewal application dated February 27, 2003 and these conditions for approval.

3. Waste Disposal: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste determination per 40 CFR Part 261. Any waste stream that is not listed in the discharge permit will be approved by OCD on a case-by-case basis.

4. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.

5. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.

6. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.

7. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.

8. Labeling: All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.

9. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.

10. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity every 5 years. The permittee may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.

11. Class V Wells: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.

12. Housekeeping: All systems designed for spill collection/prevention will be inspected by a Smith Services's representative on a regular basis and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained for a period of five years.

13. Spill Reporting: All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Hobbs District Office.

14. Transfer of Discharge Permit: The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge permit. A written commitment to comply with the terms and conditions of the previously approved discharge permit must be submitted by the purchaser and approved by the OCD prior to transfer.

15. Storm Water Permit: Smith Services, Inc. shall maintain storm water runoff controls. As a result of Smith Services, Inc.'s operations any water contaminant that exceeds the WQCC standards listed in 20 NMAC 6.2.3101 is discharged in any storm water runoff then Smith Services, Inc. shall notify the OCD within 24 hours, modify the permit within 15 days and submit for OCD approval. Smith Services shall also take immediate corrective actions pursuant to Item 12 of these conditions.

16. Closure: The OCD will be notified when operations of the Hobbs Service Facility are discontinued for a period in excess of six months. Prior to closure of the Hobbs Service Facility a closure permit will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

17. Certification: Smith Services, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Smith Services further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

SMITH SERVICES.

by Don Gerth

Title OPERATION MANAGER

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

July 9, 2003

Mr. Maurice Sticker
Smith Services
12645 West Airport Boulevard
Sugar Land, Texas 77478

RE: Discharge Permit Renewal Approval GW-295
Smith Services
Hobbs Service Facility
Lea County, New Mexico

Dear Mr. Sticker:

The ground water discharge permit renewal GW-295 for the Smith Services (formerly B & B Machine Shop) Hobbs Service Facility located in the SE/4 SW/4 of Section 21, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico, **is hereby approved.** The discharge permit consists of the original discharge permit application submitted on January 26, 1998 approved May 4, 1998 and. the discharge permit renewal application, dated February 27, 2003, and under the conditions contained in the enclosed attachment. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 30 days of receipt of this letter.**

The discharge permit renewal application was submitted pursuant to 20 NMAC 5101.B.3. of the New Mexico Water Quality Control Commission (WQCC) Regulations. The discharge permit is renewed pursuant to 20 NMAC 5101.A. and 20 NMAC 3109.C. Please note 20 NMAC 3109.G., which provides for possible future amendment of the permit. Please be advised that approval of this permit does not relieve Smith Services of liability should operations result in pollution of surface water, ground water, or the environment.

Please be advised that all exposed pits, including lined pits and open tanks (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

Please note that 20 NMAC 3104 of the regulations provides: "When a permit has been approved, discharges must be consistent with the terms and conditions of the permit." Pursuant to 20 NMAC 3107.C., Smith Services is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

Pursuant to 20 NMAC 3109.H.4., this discharge permit is for a period of five years. This permit will expire on **May 4, 2008**, and Smith Services should submit an application in ample time before this date. Note that under 20 NMAC 3106.F. of the regulations, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge permit facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge permit.

The discharge permit application for the Smith Services Hobbs Service Facility is subject to WQCC Regulation 3114. Every billable facility submitting a discharge permit renewal application will be assessed a non-refundable fee equal to the filing fee of $100. There is a flat fee assessed for oil field service companies equal to $1,700.00. The OCD has received the filing fee.

Please make all checks payable to:	**Water Management Quality Management Fund** **C/o: Oil Conservation Division** **1220 South St. Francis Drive** **Santa Fe, New Mexico 87505.**

If you have any questions please contact Mr. W. Jack Ford at (505) 476-3489. On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge permit review.

Sincerely,

Roger C. Anderson
Chief, Environmental Bureau
Oil Conservation Division

RCA/wjf
Attachment

xc: OCD Hobbs District Office

ATTACHMENT TO THE DISCHARGE PERMIT RENEWAL GW-295
SMITH SERVICES
HOBBS SERVICE FACILITY
DISCHARGE PERMIT APPROVAL CONDITIONS
(July 9, 2003)

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17. Certification: Smith Services, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Smith Services further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

SMITH SERVICES.

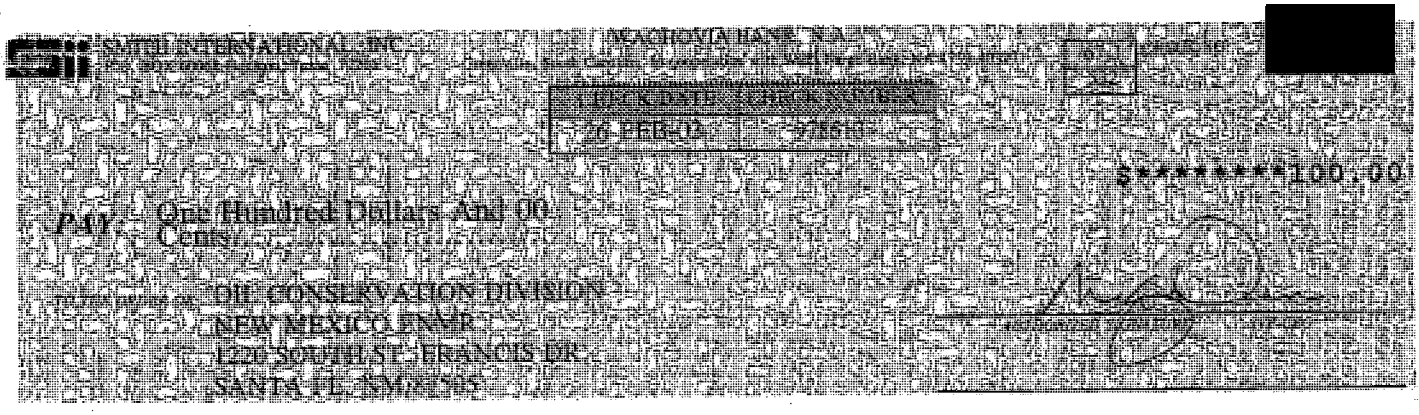
by_____

Title_____

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 2/26/03,
or cash received on _____ in the amount of $ 100.00
from Smith International
for Hobbs Facility GW-295
(Facility Name) (OCD No.)
Submitted by: _____ Date: 4/7/03
Submitted to ASD by: _____ Date: _____
Received in ASD by: _____ Date: _____
Filing Fee ✓ New Facility ___ Renewal ✓
Modification ___ Other _____
(specify)
Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.
Full Payment ✓ or Annual Increment ___



[redacted]

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 6/8/98,

or cash received on _____ in the amount of $ 1380.00

from B+B Machine

for Hobbs Facility GW 295

(Facility Name) (GW No.)

Submitted by: _____ Date: _____

Submitted to ASD by: R Chandler Date: _____

Received in ASD by: _____ Date: _____

Filing Fee ___ New Facility X Renewal ___

Modification ___ Other _____

(specify)

Organization Code 521.07 Applicable FY 98

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment ___

B & B MACHINE SHOP, INC.
P.O. BOX 2068 HOBBS, NEW MEXICO 88241

Lea County State Bank
P.O. Box 400 • Hobbs, New Mexico 88241

95-183/1122
5

Vendor No.	Check Date		Check No.	Amount of Check
59492	6/08/98	*****1,380DOLLARS AND NO CENTS	[redacted]	*****1,380.00*

Pay to the order of

NMED-WATER QUALITY MANAGEMENT
OCD 2040 S. PACHECO
SANTA FE, NEW MEXICO 87505

B & B MACHINE SHOP, INC.

By _____

[redacted]

B & B MACHINE SHOP, INC. P.O. BOX 2068 HOBBS, NEW MEXICO 88241

Invoice Date	Invoice Number	Description	Gross Amount	Discount	Net Amount
6/08/98	6/08/98	FLAT FEE	1380.00	GW-295	1,380.00

Vendor Number	Check Date	Check Number	Check Amount
59492	6/08/98	[redacted]	1,380.00

DETACH BEFORE DEPOSITING CHECK

THE ATTACHED CHECK IS IN FULL PAYMENT OF ACCOUNT AS SHOWN

B & B MACHINE SHOP, INC. P.O. BOX 2068 HOBBS, NEW MEXICO 88241

Invoice Date	Invoice Number	Description	Gross Amount	Discount	Net Amount
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Vendor Number	Check Date	Check Number	Check Amount
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P.O. BOX 2068 HOBBS, NEW MEXICO 88241

Lea County State Bank
P.O. Box 400 • Hobbs, New Mexico 88241

95-183/1122
5

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Pay to the order of

NMED-WATER QUALITY MANAGEMENT
OCD 2040 S. PACHECO
SANTA FE, NEW MEXICO 87505

B & B MACHINE SHOP, INC.

By _____

[redacted]

ATTACHMENT TO THE DISCHARGE PLAN GW-295
B & B MACHINE SHOP FACILITY
DISCHARGE PLAN APPROVAL CONDITIONS
(May 4, 1998)

1. Payment of Discharge Plan Fees: The $50.00 filing fee has been submitted. The $1380.00 required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.

2. B & B Machine Shop Facility Commitments: B & B Machine Shop will abide by all commitments submitted in the discharge plan application dated January 26, 1998.

3. Waste Disposal: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste characterization per 40 CFR Part 261.

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12. Housekeeping: All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.

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16. Certification: B & B Machine Shop, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. B & B Machine Shop further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

B & B MACHINE SHOP FACILITY

by _____ Title

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

May 4, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. Z-357-869-952

Mr. David T. Taylor
B & B Machine Shop
1120 West Bender Boulevard — P.O. Box 2068
Hobbs, New Mexico 88240

RE: Discharge Plan GW-295
B & B Machine Shop Facility
Lea County, New Mexico

Dear Mr. Taylor:

The ground water discharge plan GW-295 for the B & B Machine Shop Facility located in Section 21, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico, **is hereby approved** under the conditions contained in the enclosed attachment. The discharge plan application dated January 26, 1998 is approved effective May 4, 1998. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 10 working days of receipt of this letter.**

The discharge plan was submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations. It is approved pursuant to Section 3109.A. Please note Sections 3109.E and 3109.F, which provide for possible future amendments or modifications of the plan. Please be advised that approval of this plan does not relieve B & B Machine Shop of liability should operations result in pollution of surface water, ground water, or the environment.

Please be advised that all exposed pits, including lined pits and open tanks (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

Please note that Section 3104 of the regulations provides: "When a facility has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C., B & B Machine Shop is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

Pursuant to Section 3109.G.4., this plan is for a period of five years. This approval will expire on May 4, 2003, and B & B Machine Shop should submit an application in ample time before this date. Note that under Section 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge plan facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge plan renewal.

The discharge plan renewal application for the B & B Machine Shop Facility is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of $50 plus a flat fee of $1380.00 for oil field service companies. The OCD has received the filing fee. The flat fee may be paid in a single payment due on the date of the discharge plan approval or in five equal installments over the expected duration of the discharge plan. Installment payments shall be remitted yearly, with the first installment due on the date of the discharge plan approval.

Please make all checks payable to **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review.

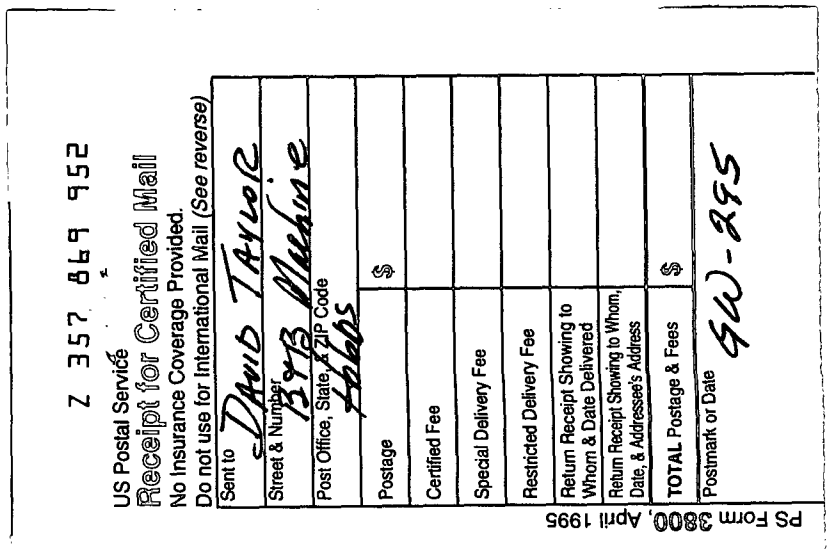
Sincerely,

Lori Wrotenbery

Lori Wrotenbery
Director

LW/wjf
Attachment

xc: OCD Hobbs Office



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12. Housekeeping: All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.

13. Spill Reporting: All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.

14. Transfer of Discharge Plan: The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.

15. Closure: The OCD will be notified when operations of the facility are discontinued for a period in excess of six months. Prior to closure of the facility a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

16. Certification: B & B Machine Shop, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. B & B Machine Shop further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

B & B MACHINE SHOP FACILITY

by_____
Title

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Revised January 24, 2001

Submit Original
Plus 1 Copy
to Santa Fe
1 Copy to Appropriate
District Office

DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES,GAS PLANTS, REFINERIES, COMPRESSOR, GEOTHERMAL FACILITES AND CRUDE OIL PUMP STATIONS

(Refer to the OCD Guidelines for assistance in completing the application)

☐ New ☑ Renewal ☐ Modification

1. Type: Oil Field Service Company / Machine Shop
2. Operator: Smith Services (a Business Unit of Smith International)
   Address: 1120 W. Bender Road, Hobbs, NM 88240
   Contact Person: Don Gerth Phone: 505-393-4964
3. Location: SE /4 SW /4 Section 21 Township 18S Range 38E
   Submit large scale topographic map showing exact location.
   Please see Attachment 1
4. Attach the name, telephone number and address of the landowner of the facility site.
   Please see Attachment 2
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
   Please see Section 2 and Figure 2 of the attached Stormwater Pollution Prevention Plan
6. Attach a description of all materials stored or used at the facility.
   Please see Sections 3.1, 3.2, and 3.3 of the attached Stormwater Pollution Prevention Plan (SWPPP)
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included. Please see Section 3.2 of the attached SWPPP. There is no industrial waste water from this facility. There is a domestic waste only septic system in use.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
   Please see "Waste Storage" within Section 3.1 of the attached SWPPP.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
   None planned
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
    Please see Sections 4.2 and 4.3 of the attached SWPPP.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
    Please see Section 4.4 of the attached SWPPP.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
    Please see Attachment 3.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
    Please see Attachment 4.
14. CERTIFICATIONI hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Maurice Sticker Title: Director, Environmental Affairs

Signature: Maurice Sticker Date: 2/27/03

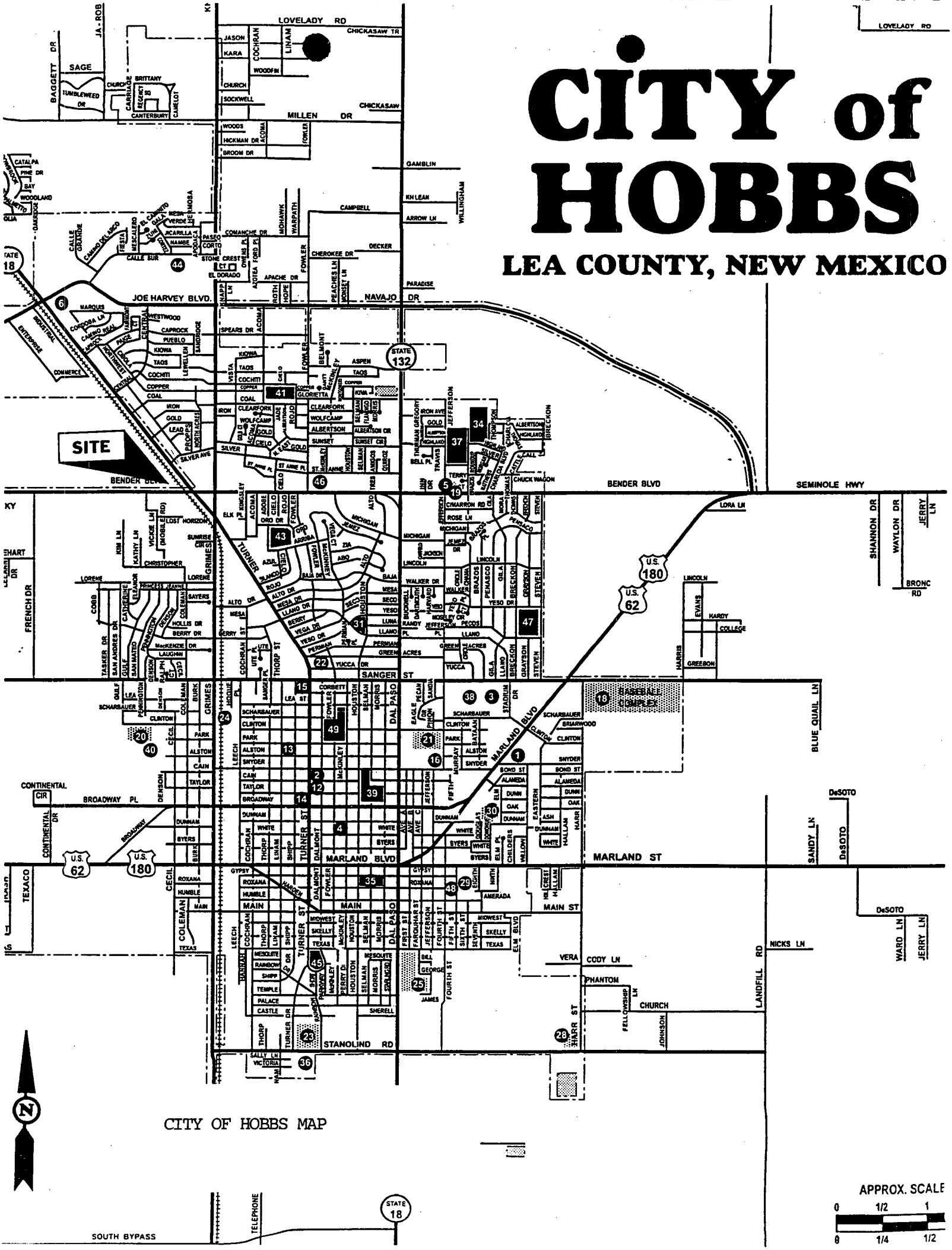
ATTACHMENT 1

ATTACHMENT 1

USGS TOPOGRAPHIC MAP

7' QUADRANGLE MAP

HOBBS, NEW MEXICO


CITY of HOBBS
LEA COUNTY, NEW MEXICO
SITE
LOVELADY RD
MILLEN DR
GAMBLIN
CAMPBELL
DECKER
PARADISE
NAVAJO DR
JOE HARVEY BLVD.
BENDER BLVD
SEMINOLE HWY
STATE 132
STATE 18
U.S. 180
U.S. 62
SANGER ST
MARLAND BLVD
MARLAND ST
MAIN ST
BROADWAY PL
STANOLIND RD
SOUTH BYPASS
TELEPHONE
LANDFILL RD
BLUE QUAIL LN
CHICKASAW TR
CHURCH
SAGE
BRITTANY
CANTERBURY
CAMELOT
CARRIAGE
TUMBLEWEED DR
BAGGETT DR
JA - ROB
LOVELADY RD
JASON
KARA
COCHRAN
LINAM
WOODFIN
SOCKWELL
CHICKASAW
MILLEN DR
WOODS
HICKMAN DR
ACOMA
FOWLER
BROOM DR
CATALPA
PINE DR
BAY
WOODLAND
MIMOSA
CALLE GRANDE
CAMINO DEL LAGO
FIESTA
HERCULERO
EL CAMINO
GALA
VERDE
JICARILLA
NAMBE
APODACA
PASEO
CORTO
CALLE SUR
STONE CREST
EL DORADO
COMANCHE DR
APACHE DR
AZOTEA
FORD PL
OWENS PL
MOHAWK
WARPATH
CHEROKEE DR
KH LEAN
ARROW LN
WILLINGHAM
PEACHES LN
MONSET LN
HOPE
ROTH
KNAPP LN
MARQUIS
CORDOBA LN
CAMINO REAL
MERCK
PAIGE
HARDIN
CT
CENTRAL
WESTWOOD
CAPROCK
PUEBLO
SANDRIDGE
KIOWA
TAOS
LEWELLEN
COCHITI
COPPER
COAL
IRON
GOLD
LEAD
PROPS
NORTH ACRES
SILVER AVE
ENTERPRISE
INDUSTRIAL
COMMERCE
NORTHWEST
SPEARS DR
VISTA
CIELO
BELMONT
ASPEN
GLORIETTA
CLEARFORK
WOLFCAMP
ALBERTSON
ALBERTSON CIR
SUNSET
SUNSET CIR
EAST
ST ANNE PL
ST MICHAEL
ANNE
HOUSTON
SELMAN
AMOCO
CUERVO
TRES
JEFFERSON
IRON AVE
THOMPSON
BRECKON
HIGHLAND
BELL PL
TRAVIS
TERRY
CHUCK WAGON
CHARLES
CATTLE CALL
CIMARRON RD
ROSE LN
MORA
DENIS
THOMAS
STEVEN
GRAYSON
LORA LN
SHANNON DR
WAYLON DR
JERRY LN
BRONC RD
LOST HORIZON
SUNRISE CIR
KIM LN
KATHY LN
VICKIE LN
MOBILE RD
CHRISTOPHER
GRIMES
TURNER
ELK PL
KINGSLEY
ORO DR
ARRIBA
ZIA
ABO
BAJA
ALTO
MICHIGAN
JEMEZ
LINCOLN
WALKER DR
MESA
SECO
YESO
LUNA
LLANO
PERMIAN
GREEN ACRES
YUCCA
BERRY ST
VEGA DR
MESA DR
LLANO DR
ALTO DR
FRENCH DR
HART
KY
LORENE
COBB
CATHERINE
ELEANOR
PRINCESS JEANNE
SAYERS
HOLLIS DR
BERRY DR
MacKENZIE DR
LAUGHLIN
TASKER DR
SAN ANDRES DR
SAN MATEO
GULF
DENSON
PALOMINO
CECIL
COLEMAN
BURK
PHANTOM
DEBORAH
PENNINGTON
SCHARBAUER
CLINTON
PARK
ALSTON
SNYDER
CAIN
TAYLOR
BROADWAY
DUNNAM
WHITE
BYERS
ROXANA
HUMBLE
MAIN
TEXACO
TEXAS
CONTINENTAL
CONTINENTAL DR
CIR
LEECH
COCHRAN
THORP
LIMAM
SHIPP
DALMONT
DALLAS
MESQUITE
RAINBOW
TEMPLE
PALACE
CASTLE
SHERELL
SALLY LN
VICTORIA
WILLIAM
GYPSY
HANNAH
PERRY DR
McKINLEY
DAL PASO
MORRIS
FOWLER
CORBETT
LEA ST
SCHARBAUER
BRIARWOOD
STADIUM DR
EAGLE
PECAN
PINON
SANDIA
BATAAN
MURRAY
BOND ST
ALAMEDA
DUNN
OAK
EASTERN
ASH
HALLAM
HARR
CHILDERS
WILLOW
ELM PL
ELM
FIFTH
SIXTH
SEVENTH
EIGHTH
NINTH
CREST
AMERADA
FIRST ST
FARQUHAR ST
JEFFERSON
FOURTH ST
BELL
GEORGE
JAMES
VERA
CODY LN
PHANTOM
CHURCH
FELLOWSHIP LN
JOHNSON
NICKS LN
WARD LN
DeSOTO
SANDY LN
HARRIS
EVANS
HARDY
COLLEGE
GREEBON
BASEBALL COMPLEX
CITY OF HOBBS MAP
APPROX. SCALE
0 1/2 1
0 1/4 1/2

ATTACHMENT 2

ATTACHMENT 2

4. Attach the name, telephone number and address of the landowner of the facility site.

Smith International, Inc. 281-443-3370
P.O. Box 60068
Houston, Texas 77205-0068

ATTACHMENT 3

Attachment 3 - Site Characteristics

Surface Water

The facility is located in the Hobbs West, NM United States Geological Survey 7 ½ minute topographic quadrangle (Figure 3-1). There are no perennial surface water bodies or streams, groundwater discharge sites (seeps, springs, marshes or swamps), arroyos or canals within one-mile of the outside perimeter of the facility shown on the map. An intermittent pond is noted approximately ¼-mile southwest of the outside facility perimeter. According to the City of Hobbs City Engineer, the City maintains a network of drainage ditches, some of which occur within one mile of the outside perimeter of the facility, that flow southeasterly to an open field at approximately Clinton and Hart Streets.

Water Wells

The New Mexico Office of the State Engineer (NM OSE) lists six wells in the quarter-quarter section where the facility is located (SE, SW, 21, 18S, 38E): four domestic, one production, and one sanitary (Appendix 3-1). One of the domestic wells is located at the facility. Insufficient location information is available to determine if the remaining 5 wells are within ¼-mile of the outside perimeter of the facility.

Hydrostratigraphy

The Ogallala Aquifer (Ogallala Formation) underlies the facility and is utilized by Lea County communities for domestic, industrial and agricultural water supplies. A typical stratigraphic section would show 1 to 3 feet of loamy soil is underlain by up to 165 feet of the Ogallala formation (Appendix 3-2). In this area, the Ogallala consists of surficial caliche underlain by tan to red sand with some silt and gravel. The depth to rock at the base of the Ogallala in the facility area is not known. The depth to water ranges from 35 to 140 feet below ground surface (bgs) according to data obtained from the NM OSE database. The average total dissolved solids (TDS) concentration is 420 milligrams per liter (mg/L) according to historical water quality data obtained from the City of Hobbs Water Utility (Appendix 3-3).

Flooding Potential

The City of Hobbs City Engineer indicated the facility is located in an area designated by Federal Emergency Management Agency (FEMA) contractors as Zone A, areas of 100-year where base flood elevations and flood hazards have not been determined. The City Engineer indicated a base flood elevation of 1 to 2 feet is typical for the facility area. The facility maintains no onsite flood protection structures at this time. The City of Hobbs maintains a network of drainage ditches that flow southeasterly to an open field at approximately Clinton and Hart Streets for the drainage of flood waters.

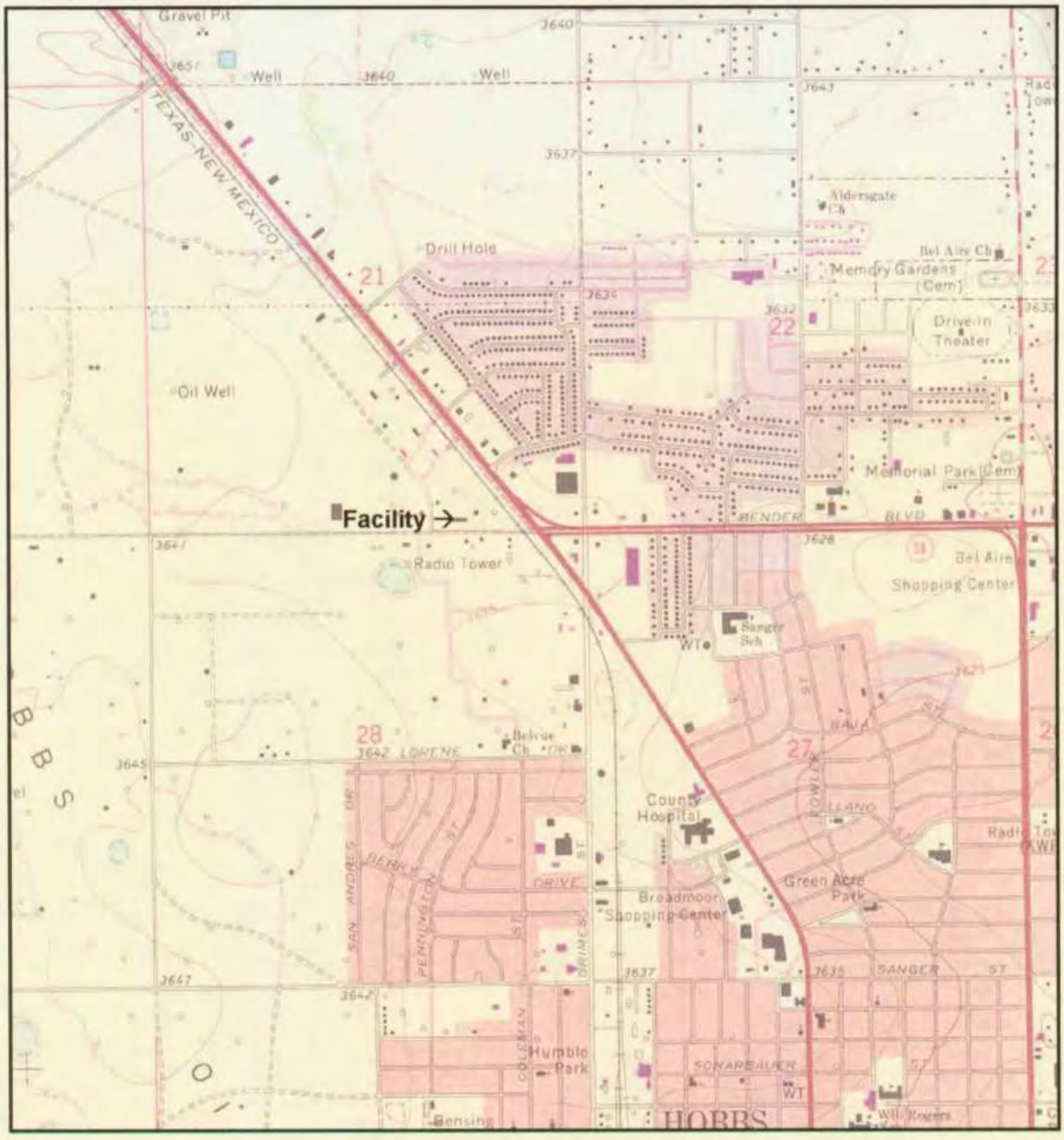
Additional Information

No additional information is included at this time.

Discharge Monitoring Plan
Smith Services, 1120 W. Bender Road, Hobbs, NM

Attachment 3

Figure 3-1
Topographic Map of the Facility and the Surrounding Area



USGS Hobbs West, NM 7 ½ Minute Quadrangle (1969, Photorevised 1979)

0 1

miles

⇑ North

FIGURE 3-1

TOPOGRAPHIC MAP OF FACILITY AND SURROUNDING AREA
Smith Services
1120 W. Bender, Hobbs, NM 88240

Discharge Monitoring Plan
Smith Services, 1120 W. Bender Road, Hobbs, NM

Attachment 3

Appendix 3-1
New Mexico Office of the State Engineer
Well Summary: Township 18S, Range 38E, Section 21

(acre ft per annum)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are biggest to smallest

DB File Nbr	Use	Diversion	Owner	Well Number	Source	Tws	Rng	Sec	q	q	q
L 00081 A	IRR	151.17	GRIMES LAND CO.,LTD. CO.	L 01937	Shallow	18S	38E	21	3	1	1
L 00220	MUN	7300	CITY OF HOBBS	L 00220 EXPLORE		18S	38E	21	1	2	2
L 01120	DOM	3	WILLIAM M. JR., BROWN	L 01120	Shallow	18S	38E	21			
				L 01120 APPRO	Shallow	18S	38E	21			
L 01266	PRO	0	GULF OIL CORPORATION	L 01266		18S	38E	21	2	3	2
L 01294	DOM	3	GEORGE W. SPRANKLE	L 01294 APPRO	Shallow	18S	38E	21	4	1	1
L 01362	DOM	3	ABBOTT BROS.	L 01362 APPRO		18S	38E	21			
L 01937	IRR	0	GRIMES LAND COMPANY	L 01937	Shallow	18S	38E	21	3	1	1
				L 01937 S		18S	38E	21	3	3	3
L 02186	DOM	3	E. M. BORNMANN	L 02186	Shallow	18S	38E	21	4	4	1
				L 02186 APPRO	Shallow	18S	38E	21	4	4	1
L 02506	DOM	3	WILLIAM CECIL GRIMES	L 02506	Shallow	18S	38E	21	3	1	3
				L 02506 APPRO	Shallow	18S	38E	21	4	1	3
L 02716	DOM	3	L. M. KEY	L 02716 APPRO	Shallow	18S	38E	21	3	2	
L 02769	DOM	3	UNION TANK & SUPPLY	L 02769	Shallow	18S	38E	21	4	4	
				L 02769 APPRO	Shallow	18S	38E	21	4	4	
L 02810	DOM	3	CHARLES ELKINS	L 02810		18S	38E	21	2	1	1
L 03174	DOM	3	G.D. SHIRLEY	L 03174	Shallow	18S	38E	21	1	2	3
				L 03174 APPRO	Shallow	18S	38E	21	1	2	3
L 03199	DOM	3	WESTERN OIL TRANSPORTATION CO	L 03199	Shallow	18S	38E	21	1	1	2
				L 03199 APPRO	Shallow	18S	38E	21	1	1	2
L 03264	DOM	3	SIVALLS TANKS INC.	L 03264	Shallow	18S	38E	21	1	4	4
				L 03264 APPRO	Shallow	18S	38E	21	1	4	4
→ L 03266	PRO	3	GULF OIL CORPORATION	L 03266	Shallow	18S	38E	21	2	3	3
				L 03266 APPRO	Shallow	18S	38E	21	4	3	3
L 03651	DOM	3	MR. LEROY SUMRULD	L 03651	Shallow	18S	38E	21	3	4	
				L 03651 APPRO	Shallow	18S	38E	21	3	4	
L 03655	DOM	3	LEACO COMPANY	L 03655	Shallow	18S	38E	21	1	4	3
				L 03655 APPRO	Shallow	18S	38E	21	1	4	3
→ L 03709	DOM	3	JAMES L. EVANS	L 03709	Shallow	18S	38E	21	4	3	
				L 03709 APPRO	Shallow	18S	38E	21	4	3	
				L 03709 REPAR		18S	38E	21	4		
L 04477	DOM	3	WELDON W. (PETE) ORR	L 04477 APPRO	Shallow	18S	38E	21	4		
L 04770 DA	IRR	301.584	GRIMES LAND CO., LTD CO.	L 01937	Shallow	18S	38E	21	3	1	1
L 04825	SAN	3	INC. PERMIAN ENTERPRISES	L 04825		18S	38E	21	1	4	3
				L 04825 EXP		18S	38E	21	1	4	3
L 05309	SAN	3	HI-GRADE MECHANICAL	L 05309	Shallow	18S	38E	21			
→ L 05477	DOM		MONARCH DRILLING COMPANY	L 05477 APPRO EXP		18S	38E	21	4	3	
L 05489	DOM	3	CARDINAL CHEM. INC.	L 05489	Shallow	18S	38E	21	3		
→ L 05977	DOM		JOHN W. MONTGOMERY	L 05977 EXP		18S	38E	21	4	3	
→ L 06015	DOM		W. W. ORR	L 06015 EXP		18S	38E	21	4	3	3

L 06499	DOM	3	W. D. RICHARDS	L 06499	Shallow	18S	38E	21	3	1	1
L 06787	DOM		PETER PETERS	L 06787 EXP		18S	38E	21	3	3	
L 07529	OBS		PHILLIPS PETROLEUM COMPANY	L 07529 EXP		18S	38E	21	3	4	4
				L 07529 EXP 2		18S	38E	21	3	4	4
L 07653	SAN	3	COLONIAL MOBILE HOMES	L 07653	Shallow	18S	38E	21	1	1	1
L 07811	SAN	3	MIKE WILLINGHAM	L 07811		18S	38E	21	4	3	1
L 07829	SAN	3	ERNIE HEGWER	L 07829	Shallow	18S	38E	21	1	1	
L 07848	SAN	3	RAY WALLACH	L 07848	Shallow	18S	38E	21	1	1	
L 07930	SAN	3	EDSEL H. CLIFFORD	L 07930	Shallow	18S	38E	21	1	1	
L 08025	SAN	3	STONE INTEREST	L 08025		18S	38E	21	1	3	2
L 08190	SAN	3	GRANT OIL TOOL	L 08190	Shallow	18S	38E	21	3	2	2
L 08595	STK	3	RICK L. LAYH	L 08595	Shallow	18S	38E	21	1	3	1
L 08668	SAN	3	DON KRUPICKA	L 08668	Shallow	18S	38E	21	1	3	1
L 08687	SAN	3	ABC CONSTRUCTION	L 08687	Shallow	18S	38E	21	1	3	2
L 09422	SAN	3	LYNX PETROLEUM CONSULTANTS	L 09422	Shallow	18S	38E	21	2	2	4

New Mexico Office of the State Engineer
Point of Diversion Summary

Back

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest)

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y
L 03266	18S	38E	21	2	3	3			

Driller Licence: 111 BURKE, EDWARD B.
Driller Name: BURKE, EDWARD B. **Source:** Shallow
Drill Start Date: 07/23/1956 **Drill Finish Date:** 07/23/1956
Log File Date: 07/26/1956 **PCW Received Date:**
Pump Type: **Pipe Discharge Size:**
Casing Size: 7 **Estimated Yield:**
Depth Well: 116 **Depth Water:** 42

Water Bearing Stratifications:	Top	Bottom	Description
	46	67	Shallow Alluvium/Basin Fill
	84	116	Shallow Alluvium/Basin Fill

Casing Perforations:	Top	Bottom
	86	116

New Mexico Office of the State Engineer
Point of Diversion Summary

Back

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest)

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y
L 03709	18S	38E	21	4	3				

Driller Licence: 14 D& C WATER WELL DRILLING
Driller Name: BARTON, J.E. **Source:** Shallow
Drill Start Date: 02/15/1958 **Drill Finish Date:** 02/17/1958
Log File Date: 03/25/1958 **PCW Received Date:**
Pump Type: SUBMER **Pipe Discharge Size:**
Casing Size: **Estimated Yield:**
Depth Well: 100 **Depth Water:** 38

Water Bearing Stratifications:	Top	Bottom	Description
	38	60	Other/Unknown
	76	100	Other/Unknown

New Mexico Office of the State Engineer
Transaction Summary

Back

APPRO Application to Appropriate

Trn_nbr: 117165 **Trn_desc:** CONVERSION L 05477 **File Date:** 09

Primary status: EXP Expired Permit
Secondary status: EXP Expired
Person assigned: ********
Applicant: MONARCH DRILLING COMPANY

Events

Date	Type	Description	Comment
09/14/1964	CNV	Converted from Main Frame	

DB_File_Nbr	Acres	Diversion	Consumptive	Purpose of Use
L 05477				DOM 72-12-1 DOMESTIC ONE HOUS

New Mexico Office of the State Engineer
Transaction Summary

Back

72121 All Applications Under Statute 72-12-1

Trn_nbr: 117641 **Trn_desc:** CONVERSION L 05977 **File Date:** 06

Primary status: EXP Expired Permit
Secondary status: EXP Expired
Person assigned: ********
Applicant: JOHN W. MONTGOMERY

Events

Date	Type	Description	Comment
06/28/1966	CNV	Converted from Main Frame	

DB_File_Nbr	Acres	Diversion	Consumptive	Purpose of Use
L 05977				DOM 72-12-1 DOMESTIC ONE HOUS

New Mexico Office of the State Engineer
Transaction Summary

Back

72121 All Applications Under Statute 72-12-1

Trn_nbr: 117703 **Trn_desc:** CONVERSION L 06015 **File Date:** 08

Primary status: EXP Expired Permit
Secondary status: EXP Expired
Person assigned: ********
Applicant: W. W. ORR

Events

Date	Type	Description	Comment
08/23/1966	CNV	Converted from Main Frame	

DB_File_Nbr	Acres	Diversion	Consumptive	Purpose of Use
L 06015				DOM 72-12-1 DOMESTIC ONE HOUS

New Mexico Office of the State Engineer
Point of Diversion Summary

Back

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest)

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y
L 07811	18S	38E	21	4	3	1			

Driller Licence: 208 VAN NOY, W.L.
Driller Name:
Source:
Drill Start Date: 01/31/1978
Drill Finish Date: 02/06/1978
Log File Date: 02/15/1978
PCW Received Date:
Pump Type:
Pipe Discharge Size:
Casing Size:
Estimated Yield:
Depth Well: 150
Depth Water: 70

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 18S Range: 38E Sections: 21

NAD27 X: Y: Zone: Search Radius:

County: LEA Basin: Number: Suffix:

Owner Name: (First) (Last) ○ Non-Domestic ○ Domestic
◉ All

Well / Surface Data Report | Avg Depth to Water Report | Water Column Report | Clear Form | WATERS Menu | Help

AVERAGE DEPTH OF WATER REPORT 02/24/2003

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet) Min	Max	Avg
L	18S	38E	21				40	35	140	55

Discharge Monitoring Plan
Smith Services, 1120 W. Bender Road, Hobbs, NM

Attachment 3

Appendix 3-2
Available Lea County Well Logs and Soil Survey Information

Form WR-23

FIELD ENGR. LOG

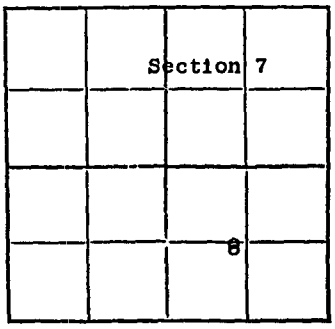
STATE ENGINEER OFFICE

WELL RECORD

COPY

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

Section 1



(Plat of 640 acres)

(A) Owner of well City of Hobbs "Well No. "

Street and Number P.O. Box 1117

City Hobbs State New Mexico

Well was drilled under Permit No. L-3274 and is located in the SE ¼ SW ¼ NE ¼ of Section 7 Twp. 18S Rge. 38E

(B) Drilling Contractor Walco Drilling Co. License No. 349

Street and Number 212 E. New York

City Hereford State Texas

Drilling was commenced June 13 19 66

Drilling was completed June 15 19 66

Elevation at top of casing in feet above sea level ..... Total depth of well 180'

State whether well is shallow or artesian shallow Depth to water upon completion 34'

Section 2 PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation
1	34	45	11	sandrock and sand layers
2	45	50	5	red sand
3	55	174	119	sand and rock stringers
4				
5				

Section 3 RECORD OF CASING

Dia in.	Pounds ft.	Threads in	Depth Top	Depth Bottom	Feet	Type Shoe	Perforations From	Perforations To
16	42.05	none	+1'3"	180'	181'3"		61 ft.	171 ft.

Section 4 RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Diameter Hole in in.	Tons Clay	No. Sacks of Cement	Methods Used
0	30	30"	--	3½ yds	poured in from top

Section 5 PLUGGING RECORD

Name of Plugging Contractor ..... License No. .....

Street and Number ..... City ..... State .....

Tons of Clay used ..... Tons of Roughage used ..... Type of roughage .....

Plugging method used ..... Date Plugged ..... 19 .....

Plugging approved by:

..... Basin Supervisor

Cement Plugs were placed as follows:

No.	Depth of Plug From	Depth of Plug To	No. of Sacks Used

FOR USE OF STATE ENGINEER ONLY

Date Received Sept. 11 1967 8:29AM

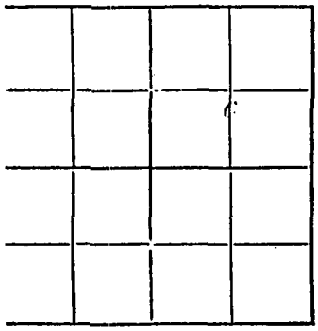
File No. L-3274 Use Mini Location No. 18.38.7. 234434

m WR-23 STATE ENGINEER OFFICE

WELL RECORD

STRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the arest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and curately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging cord, only Section 1A and Section 5 need be completed.

ction 1



(Plat of 640 acres)

(A) Owner of well Tret-O-Lite

Street and Number P. O. Box 1571

City Hobbs State New Mexico

Well was drilled under Permit No. L-6108 and is located in the

¼ SE ¼ NE ¼ of Section 7 Twp. 18S. Rge. 38E.

(B) Drilling Contractor Abbott Brothers License No. WD-48

Street and Number P. O. Box 857

City Hobbs State New Mexico

Drilling was commenced February 22, 19

Drilling was completed February 24, 19 67

evation at top of casing in feet above sea level Total depth of well 120

ate whether well is shallow or artesian shallow Depth to water upon completion 60

ction 2 PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation
1	60	70	10	water sand
2	95	120	25	water sand
3				
4				
5				

ction 3 RECORD OF CASING

Dia in.	Pounds ft.	Threads in	Depth Top	Depth Bottom	Feet	Type Shoe	Perforations From	Perforations To
7	20	8	0	120	120	Open	60	120

ction 4 RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Diameter Hole in in.	Tons Clay	No. Sacks of Cement	Methods Used

ction 5 PLUGGING RECORD

me of Plugging Contractor License No.

reet and Number City State

ns of Clay used Tons of Roughage used Type of roughage

ugging method used Date Plugged 19

ugging approved by:

Basin Supervisor

Cement Plugs were placed as follows:

No.	Depth of Plug From	Depth of Plug To	No. of Sacks Used

FOR USE OF STATE ENGINEER ONLY

Date Received STATE ENGINEER OFFICE 1967 MAR -6 AM 8:31

File No. L-6108 Use O&D Location No. 18.38.7.240

Revised June 1972

STATE ENGINEER OFFICE
WELL RECORD

FIELD WELL LOG FILED

Section 1. GENERAL INFORMATION

A) Owner of well OTIS ENGINEERING CO. Owner's Well No. L-7935
Street or Post Office Address 1500 W. MARLAND
City and State HOBBS N.M. 88240

Well was drilled under Permit No. L-7935 and is located in the:

a. ____ ¼ ____ ¼ SE ¼ NE ¼ of Section 7 Township 18-S Range 38-E N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. 3 of Block No. 6 of the 2nd UNIT DEL NORTE Subdivision, recorded in ____ County.

d. X= ____ feet, Y= ____ feet, N.M. Coordinate System ____ Zone in the ____ Grant.

(B) Drilling Contractor YUCCA DRILLING CO. License No. WD-763

Address 1601 W. Bender Hobbs N.M. 88240

Drilling Began 7-1-78 Completed 7-5-78 Type tools TYCONE Size of hole 11 in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 100 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 65 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
65	100	35	SAND & SANDSTONE	19
			pebbles	

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
5 5/8	PVC 160		0	100	20		80	100

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
0	100	11			Air

Section 5. PLUGGING RECORD

Plugging Contractor ____
Address ____
Plugging Method ____
Date Well Plugged ____
Plugging approved by:
____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received July 11, 1978

Quad ____ FWL ____ FSL ____

File No. L-7935 Use DTC Location No. 18.38.7.24130

Revised June 197

STATE ENGINEER OFFICE

WELL RECORD

FIELD

Section 1. GENERAL INFORMATION

(A) Owner of well New Mexico Bank & Trust Owner's Well No. _____
Street or Post Office Address P.O. Box 400
City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. L-7115 and is located in the:

a. _____ ¼ SE ¼ NE ¼ _____ ¼ of Section 7 Township 18S Range 38E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. 1-4 of Block No. 5 of the Del Norte Industrial Sub-division Subdivision, recorded in Lea County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant

(B) Drilling Contractor Abbott Brothers License No. WD46

Address P.O. Box 637, Hobbs, New Mexico 88240

Drilling Began 11/6/73 Completed 11/8/73 Type tools Cable Size of hole 8¾ in

Elevation of land surface or _____ at well is _____ ft. Total depth of well 141 ft

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 48 ft

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
70	141		Brown Sand	100

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
7	22	8	0	141	141	None	74	141

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
					Cemented around surface

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by:

_____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received 11/14/73

Quad _____ FWL _____ FSL _____

L-7115 DTC 1038 324

Form WR-23 STATE ENGINEER OFFICE FIELD ENGR. LOG

WELL RECORD

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to t nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely a accurately as possible when any well is drilled, repaired or deepened. When this form is used as a pluggi record, only Section 1A and Section 5 need be completed.

Section 1

(Plat of 640 acres)

(A) Owner of well [illegible]

Street and Number

City [illegible] State

Well was drilled under Permit No. L-5294 [illegible] and is located in t

S ¼ W ¼ SW ¼ of Section 6 Twp. 1 Rge.

(B) Drilling Contractor [illegible] License No.

Street and Number

City [illegible] State

Drilling was commenced JUNE 20 19

Drilling was completed JUNE 21 19

Elevation at top of casing in feet above sea level Total depth of well 206

State whether well is shallow or artesian shallow Depth to water upon completion 5.'

Section 2 PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation
1	55	120	65	water sand
2	140	180	40	water sand
3				
4				
5				

Section 3 RECORD OF CASING

Dia in.	Pounds ft.	Threads in	Depth Top	Depth Bottom	Feet	Type Shoe	Perforations From	Perforations To
12¾	35	welded	1	208	208	none	141	206

Section 4 RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Diameter Hole in in.	Tons Clay	No. Sacks of Cement	Methods Used

Section 5 PLUGGING RECORD

Name of Plugging Contractor License No.

Street and Number City State

Tons of Clay used Tons of Roughage used Type of roughage

Plugging method used Date Plugged 19

Plugging approved by:

Basin Supervisor

Cement Plugs were placed as follows:

No.	Depth of Plug From	Depth of Plug To	No. of Sacks Used

FOR USE OF STATE ENGINEER ONLY

Date Received [illegible]

No. L-5294 Use IRR Location No. 18-38-6·413121

Revised June 19

STATE ENGINEER OFFICE

WELL RECORD

FIELD ENGR

Section 1. GENERAL INFORMATION

(A) Owner of well College of the Southwest Owner's Well No. _____
Street or Post Office Address P.O. Box 2508
City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. L-2790 and is located in the:

a. _____ ¼ _____ ¼ NE ¼ SW ¼ of Section 6 Township 18S Range 38E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in Lea County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant

(B) Drilling Contractor Abbott Bros. Drilling License No. WD-46

Address P.O. Box 637, Hobbs, New Mexico 88240

Drilling Began 6/15/81 Completed 6/16/81 Type tools Cable Size of hole 12¼" in

Elevation of land surface or _____ at well is _____ ft. Total depth of well 170 ft

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 58 ft

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
58	82	24	Sand	
106	141	35	Sand	
150	166	16	Sand	

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
10 3/4	34	Welded	0	170	170	NONE	90	170

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by: _____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received June 22, 1981

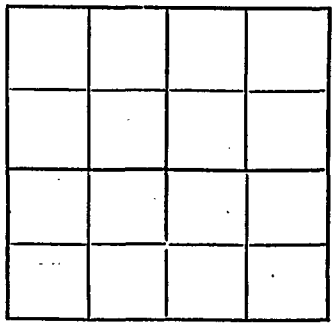
Quad _____ FWL _____ FSL _____

File No. L-2790 Use IRR. 18.38.6.414114

WELL RECORD

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

Section 1



(Plat of 640 acres)

(A) Owner of well DONNELL DRILLING CO.

Street and Number Box 1308

City Odessa State Texas

Well was drilled under Permit No. and is located in the ¼ NE ¼ SE ¼ of Section 6 Twp. 18 S Rge. 38 E

(B) Drilling Contractor Abbott Brothers License No. WD-46

Street and Number Box 637

City Hobbs State New Mexico

Drilling was commenced August 30 1957

Drilling was completed August 31 1957

Elevation at top of casing in feet above sea level Total depth of well 100

State whether well is shallow or artesian shallow Depth to water upon completion 50

Section 2 PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation
1	50	100	50	water sand
2				
3				
4				
5				

Section 3 RECORD OF CASING

Dia in.	Pounds ft.	Threads in	Depth Top	Depth Bottom	Feet	Type Shoe	Perforations From	Perforations To

Section 4 RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Diameter Hole in in.	Tons Clay	No. Sacks of Cement	Methods Used

Section 5 PLUGGING RECORD

Name of Plugging Contractor License No.

Street and Number City State

Tons of Clay used Tons of Roughage used Type of roughage

Plugging method used Date Plugged 19

Plugging approved by:

Basin Supervisor

Cement Plugs were placed as follows:

No.	Depth of Plug From	Depth of Plug To	No. of Sacks Used

FOR USE OF STATE ENGINEER ONLY

Date Received SEP 11 1957

OFFICE
GROUND WATER SUPERVISOR
ROSWELL, NEW MEXICO

File No. L-3672 Use O.W.D. Location No. 18.38.6 420

Revised June 19

STATE ENGINEER OFFICE

WELL RECORD

FIELD [illegible]

Section 1. GENERAL INFORMATION

(A) Owner of well Charismatic Christian Center Owner's Well No. _____

Street or Post Office Address Lovington Highway

City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. L-7078 and is located in the:

a. _____ ¼ SW ¼ SW ¼ SE ¼ of Section 6 Township 18S Range 38E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in Lea County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone
the _____ Gran

(B) Drilling Contractor Abbott Bros. License No. WD-46

Address P.O. Box 637, Hobbs, New Mexico 88240

Drilling Began 7/12/73 Completed 7/13/73 Type tools Cable Size of hole 8 in

Elevation of land surface or _____ at well is _____ ft. Total depth of well 120 ft

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 58 ft

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
58	120	62	Sand	

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
7	23	10	0	120	120	NONE	74	120

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
					Cement at top

Section 5. PLUGGING RECORD

Plugging Contractor _____

Address _____

Plugging Method _____

Date Well Plugged _____

Plugging approved by:

_____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad _____ FWL _____ FSL _____

File No. L-7078 Use DTG Location No. 18.38.6.433

Revised June 19

STATE ENGINEER OFFICE

WELL RECORD

FIELD [illegible]

Section 1. GENERAL INFORMATION

(A) Owner of well R. N. Robinson Owner's Well No. 625 23

Street or Post Office Address

City and State Hobbs N. M. 88240

Well was drilled under Permit No. L-7575 and is located in the:

a. ¼ SE ¼ NE ¼ NE ¼ of Section 7 Township 18S Range 38E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. 12 of Block No. 2A of the Del Norte Industrial Subdivision, recorded in LEA County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant

(B) Drilling Contractor G.D. Oldaker W. W. Ser. License No. WD 657

Address P.O. Box 2321 Hobbs N.M. 88240

Drilling Began 6-7-1976 Completed 6-9-76 Type tools Cable Size of hole 8 in

Elevation of land surface or 3650 at well is 3650 ft. Total depth of well 112 ft

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 65 ft

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
65	112	47	Water Sand	25 GPM

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
6 5/8			0	112	112	None	100	112

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
		6			

Section 5. PLUGGING RECORD

Plugging Contractor _____

Address _____

Plugging Method _____

Date Well Plugged _____

Plugging approved by: _____

State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad _____ FWL _____ FSL _____

File No. L-7575 Use Dom. Location No. 18.38.7.224

(This form to be executed in triplicate)

WELL RECORD

Date of Receipt _____ Permit No. L-1173

Name of permittee, Harry C Huston

Street or P.O., box181, City and State Lovington N M.

1. Well location and description: The shallow (shallow or artesian) well is located in SW ¼, SW ¼, SE ¼ of Section 6, Township 18s, Range 38e; Elevation of top of casing above sea level, _____ feet; diameter of hole, 6 inches; total depth, 50 feet; depth to water upon completion, 30 feet; drilling was commenced 8-22, 1951, and completed 8-23, 1951; name of drilling contractor J F Barton _____; Address, Box 42 Hobbs N M.; Driller's License No. NM14

2. Principal Water-bearing Strata:

	Depth in Feet From	To	Thickness	Description of Water-bearing Formation
No. 1	0	1	1	tight soil
No. 2	1	21	20	caliche
No. 3	21	30	9	sandstone
No. 4	30	50	20	watersand
No. 5				

3. Casing Record: None

Diameter in inches	Pounds per ft.	Threads per inch	Depth of Casing or Liner Top	Depth of Casing or Liner Bottom	Feet of Casing	Type of Shoe	Perforations From	Perforations To

4. If above construction replaces old well to be abandoned, give location: ¼, ¼, ¼ of Section _____, Township _____, Range _____; name and address of plugging contractor, _____

date of plugging _____, 19____; describe how well was plugged: _____

FILED
JAN 17 1952
OFFICE
ARTESIAN WELL SUPERVISOR
ROSWELL, NEW MEXICO

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

FIELD CARD L.

Section 1. GENERAL INFORMATION

(A) Owner of well Castle and Wigzell Owner's Well No. _____

Street or Post Office Address P.O. Drawer 831

City and State Midland, Texas 79701

Well was drilled under Permit No. L-7212 and is located in the:

a. _____ ¼ _____ ¼ _____ ¼ _____ ¼ of Section _____ Township _____ Range _____ N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. 3 of Block No. 7 of the Del Norte Industrial (2nd unit Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant

(B) Drilling Contractor Abbott Bros. License No. WD-46

Address P.O. Box 637, Hobbs, New Mexico 88240

Drilling Began 6/10/74 Completed 6/12/74 Type tools Cable Size of hole 8 in

Elevation of land surface or _____ at well is _____ ft. Total depth of well 100 ft

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 50 ft

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
50	100	50	Sand	

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
7	23	10	0	100	100	None	50	100

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
					Cement at top

Section 5. PLUGGING RECORD

Plugging Contractor _____

Address _____

Plugging Method _____

Date Well Plugged _____

Plugging approved by:

_____ State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad _____ FWL _____ FSL _____

File No. L-7212 Use _____ Location No. _____

Revised June 1

STATE ENGINEER OFFICE

WELL RECORD

FILE No.

Section 1. GENERAL INFORMATION

(A) Owner of well Gerge Barton Owner's Well No. 80348 1

Street or Post Office Address 300W. Taylor

City and State Hobbs, N. M. 88240

Well was drilled under Permit No. L- 8076 and is located in the:

a. ___ ¼ SW ¼ SE ¼ NW ¼ of Section 7 Township 18S Range 38E N.M.P.M.

b. Tract No. ___ of Map No. ___ of the ___

c. Lot No. 2 of Block No. 6 of the 2nd Unit Del Norte Industricl Subdivision, recorded in Lea County.

d. X= ___ feet, Y= ___ feet, N.M. Coordinate System ___ Zone in the ___ Grant

(B) Drilling Contractor G. D. Oldaker License No. ___

Address P. O. Box 2321, Hobbs, N. M. 88240

Drilling Began 5-30-79 Completed 6-3-79 Type tools Cable Size of hole 9 in.

Elevation of land surface or 3650 at well is 3650 ft. Total depth of well 130 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 67 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
67	130	63	Water, Sand	25 G. P. M

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
6 5/8			0	130	130	none	110	130

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
		9			

Section 5. PLUGGING RECORD

Plugging Contractor ___

Address ___

Plugging Method ___

Date Well Plugged ___

Plugging approved by:

___

State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received June 13, 1979

Quad ___ FWL ___ FSL ___

File No. L-8076 Use DOM. Location No. 18.38.7.14300

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Ladshaw Explosives Owner's Well No. _____
Street or Post Office Address P.O. Box 1754
City and State Hobbs, N.M. 88240

Well was drilled under Permit No. Monitor Well and is located in the:

a. _____ ¼ NW¼SW¼ ¼ NW¼ ¼ NE¼ of Section 7 Township 18S Range 38E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant

(B) Drilling Contractor Alan Eades License No. WD-1044

Address 49 Katy Lane, Hobbs, N.M. 88240

Drilling Began 4-20-87 Completed 4-20-87 Type tools Rotary Size of hole 6 1/2 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 65 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 36 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
36	65	29	Water Sand	35

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
4 3/4	160psi				65		35	65

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by:

_____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received May 22, 1987

Quad _____ FWL _____ FSL _____

File No. NO FILE NUMBER Use OBS Location No. 18.38.7.13133

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

FIELD ENGR

Section 1. GENERAL INFORMATION

(A) Owner of well Galileo Sands Mobile Homes Inc Owner's Well No. _____
Street or Post Office Address 10026 Central S.E.
City and State Albuquerque New Mex. 87123

Well was drilled under Permit No. L-8517 and is located in the:

a. _____ ¼ _____ ¼ NW ¼ NE ¼ of Section 7 Township 10-S Range 35-E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. 1-5 of Block No. 9 of the Oil Norte Industrial Unit
Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Bud's Drilling Co License No. WD 940

Address Box 822 Hobbs NM 88240

Drilling Began 9/15/81 Completed 9/30/81 Type tools Rotary Size of hole 7 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 132' ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 43' ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
43'	130'	87'	Water Sand & Thin Layers of Sedimentary Rock	50 Gal/Min

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
5 1/2"			1' above	119	121'	None	79'	119'

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by:

_____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received October 8, 1981

Quad _____ FWL _____ FSL _____

File No. L-8517 Use DTC 18.38.7.211312

Revised June 197

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Ron Campbell (Campbell Mobile Homes) Owner's Well No. _____
Street or Post Office Address 6050 Lovington HWY.
City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. L-8663 and is located in the:

a. _____ ¼ NE ¼ NE ¼ NW ¼ of Section 7 Township 18 S Range 38 E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. 1 of the Del Norte Industried Subdivision, recorded in Lea County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor G. D. Oldaker License No. WD-657

Address P. O. Box 2321 Hobbs, New Mexico 88240

Drilling Began 2-17-82 Completed 2-19-82 Type tools Rotary Size of hole 10⅓ in.

Elevation of land surface or 3650 at well is 3650 ft. Total depth of well 130 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 58 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
58	130	72	Water, Sand	25 GPM

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
6 5/8			0	130	130	None	120	130

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
		10⅓			

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by:
_____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received March 17, 1982

Quad _____ FWL _____ FSL _____

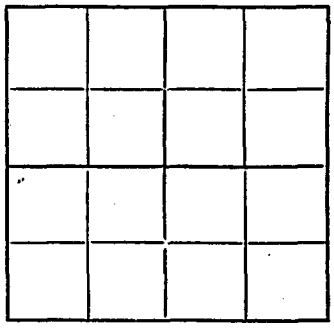
File No. L-8663 Use DTC Location No. 18.38.7.122411

Form WR-23 Orig + 5 cy. STATE ENGINEER OFFICE

WELL RECORD

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

Section 1



(Plat of 640 acres)

(A) Owner of well Cloud Breckon

Street and Number star route A

City Hobbs State N M

Well was drilled under Permit No. L-2453 and is located in the

SW ¼ NW ¼ NW ¼ of Section 7 Twp. 18s Rge. 38e

(B) Drilling Contractor J F Burton License No. WD14

Street and Number Box 42

City Hobbs State N M.

Drilling was commenced Cleaning May 22- 19 58

Drilling was completed Cleaning May 22- 19 58

Elevation at top of casing in feet above sea level ..... Total depth of well 90

State whether well is shallow or artesian shallow Depth to water upon completion no water

Section 2 PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation
1	drilled and bailed, from 76 to 90 feet in wet caving sand.			
2				
3				
4				
5				

Section 3 RECORD OF CASING None

Dia in.	Pounds ft.	Threads in	Depth Top	Depth Bottom	Feet	Type Shoe	Perforations From	Perforations To

Section 4 RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Diameter Hole in in.	Tons Clay	No. Sacks of Cement	Methods Used

Section 5 PLUGGING RECORD

Name of Plugging Contractor ..... License No. .....

Street and Number ..... City ..... State .....

Tons of Clay used ..... Tons of Roughage used ..... Type of roughage .....

Plugging method used ..... Date Plugged ..... 19 ....

Plugging approved by:

..... Basin Supervisor

Cement Plugs were placed as follows:

No.	Depth of Plug From	Depth of Plug To	No. of Sacks Used

FOR USE OF STATE ENGINEER ONLY

Date Received .....

FILED
MAY 27 1958
OFFICE
GROUND WATER SUPERVISOR
ROSWELL, NEW MEXICO

File No. L-2453 Use Dom Location No. 18.38.7113

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Jim Sharp Owner's Well No. L-8549

Street or Post Office Address 1815 Chama

City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. L-8549 and is located in the:

a. ____ ¼ ____ ¼ SE ¼ SW ¼ of Section 26 Township 18 Range 38 E N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. 1,2,3,4, of Block No. 3 of the Del Norte Industrial Subdivision, recorded in Lea County.

d. X= ____ feet, Y= ____ feet, N.M. Coordinate System ____ Zone in the ____ Grant.

(B) Drilling Contractor C. D. Oldaker License No. WD-657

Address P. O. Box 2321 Hobbs, New Mexico 88240

Drilling Began 9-30-81 Completed 10-1-81 Type tools Rotary Size of hole 10½ in.

Elevation of land surface or 3650 at well is 3650 ft. Total depth of well 130 ft.

Completed well is ☑ shallow ☐ artesian. Depth to water upon completion of well 48 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
48	130	72	Water Sand	25 GPM

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
6 5/8			0	130	130	None	120	130

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
		10½			

Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by:

____

State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received March 26, 1982

Quad ____ FWL ____ FSL ____

L-8549 DTC

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Clarke Oil Well Service Inc. Owner's Well No. _____

Street or Post Office Address _____

City and State _____

Well was drilled under Permit No. L-8007 and is located in the:

a. _____ ¼ ~~SW~~ SE ¼ ~~NW~~ SE ¼ SW ¼ of Section 6 Township 18-S Range 38-E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____ Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor C. M. Griffin License No. WD 803

Address 201 W. Alto Hobbs, N.M. 88240

Drilling Began 11-28-78 Completed 11-28-78 Type tools Rotary Size of hole 10 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 140 ft.

Completed well is ☑ shallow ☐ artesian. Depth to water upon completion of well 62 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
62	140	78	Red Bed	55

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
6 5/8			0	140	140	Texas	120	140

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
62	140	10	5		Gel w/water

Section 5. PLUGGING RECORD

Plugging Contractor _____

Address _____

Plugging Method _____

Date Well Plugged _____

Plugging approved by:

_____ State Engineer Representative

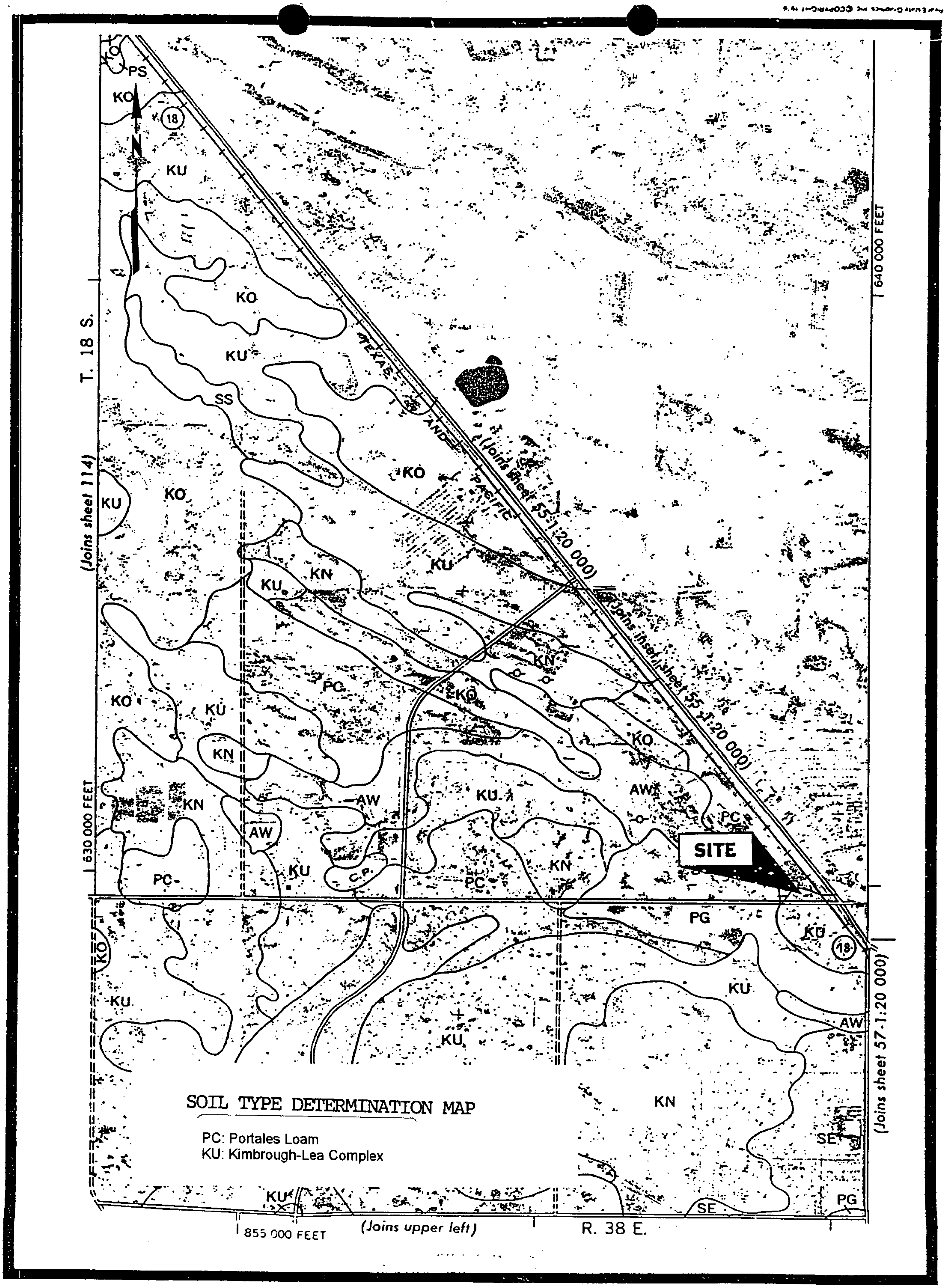
No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

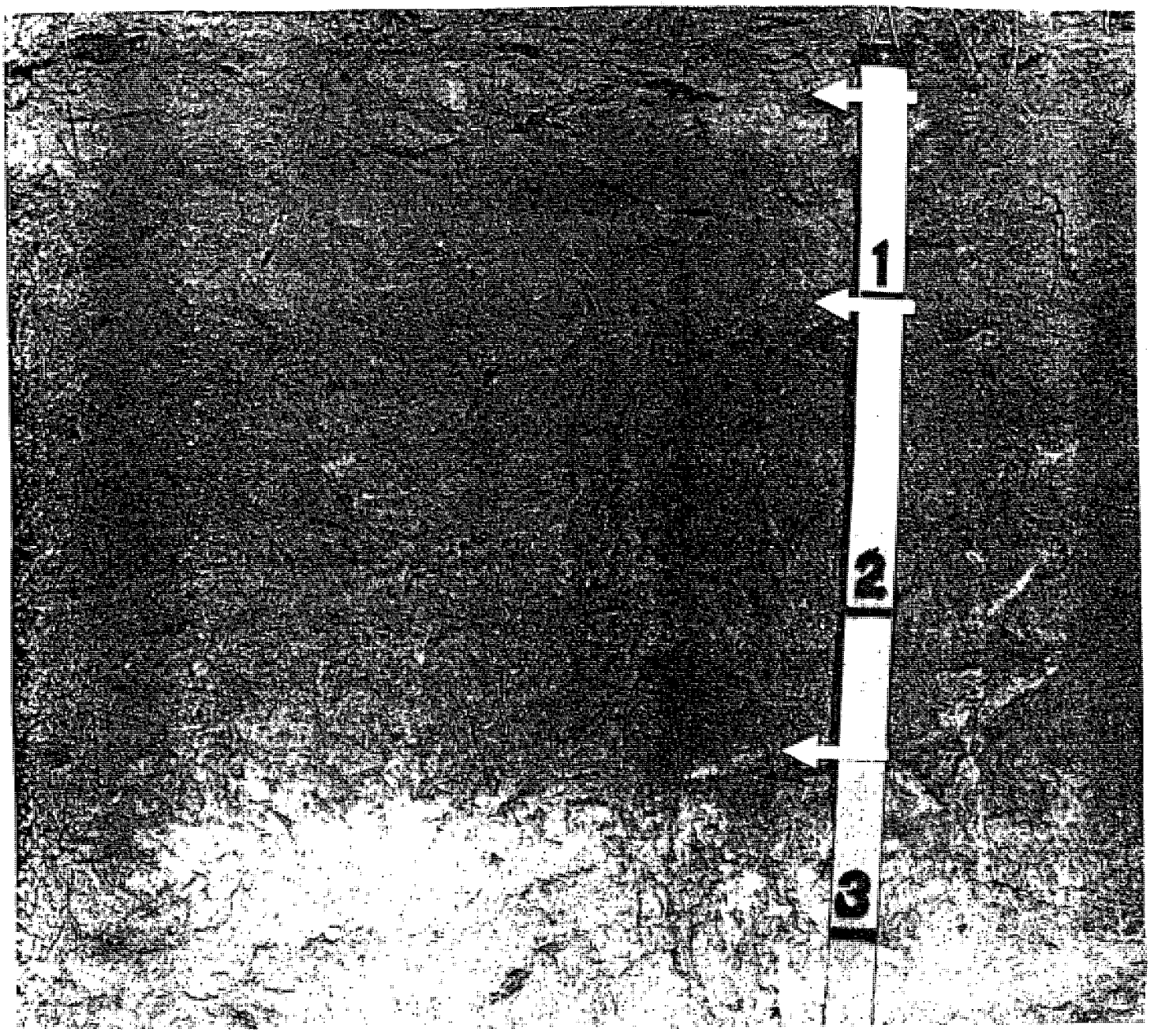
Date Received August 16, 1979

Quad _____ FWL _____ FSL _____

File No. L-8007 Use DTC Location No. 18.38.6.344134


SOIL TYPE DETERMINATION MAP
PC: Portales Loam
KU: Kimbrough-Lea Complex
SITE
TEXAS AND PACIFIC
(Joins sheet 55-1:20 000)
(Joins inset, sheet 55-1:20 000)
(Joins sheet 114)
(Joins sheet 57-1:20 000)
(Joins upper left)
T. 18 S.
R. 38 E.
640 000 FEET
630 000 FEET
855 000 FEET
18
KO
PS
KU
SS
KN
PC
AW
C.P.
PG
SE

Soil Profile - Portales Loam



A11 - 0 to 8 inches, dark-brown (10YR 4/3) loam, very dark grayish brown (10YR 3/2) when moist; weak, fine granular structure; slightly hard, friable when moist, slightly sticky and slightly plastic when wet; common fine roots; few fine tubular pores; few, fine soft calcium carbonate concretions; mildly alkaline (pH 7.6), slightly calcareous; clear boundary. 5 to 10 inches thick.

A12 - 8 to 12 inches, grayish-brown (10 YR 5/2) loam, dark grayish brown (10 YR 4/2) when moist; weak, fine granular and weak, medium subangular blocky structure; slightly hard, friable when moist, slightly sticky and slightly plastic when wet; common fine roots; few fine tubular pores; few fine calcium carbonate concretions; mildly alkaline (pH 7.6), slightly calcareous; gradual boundary. 3 to 6 inches thick.

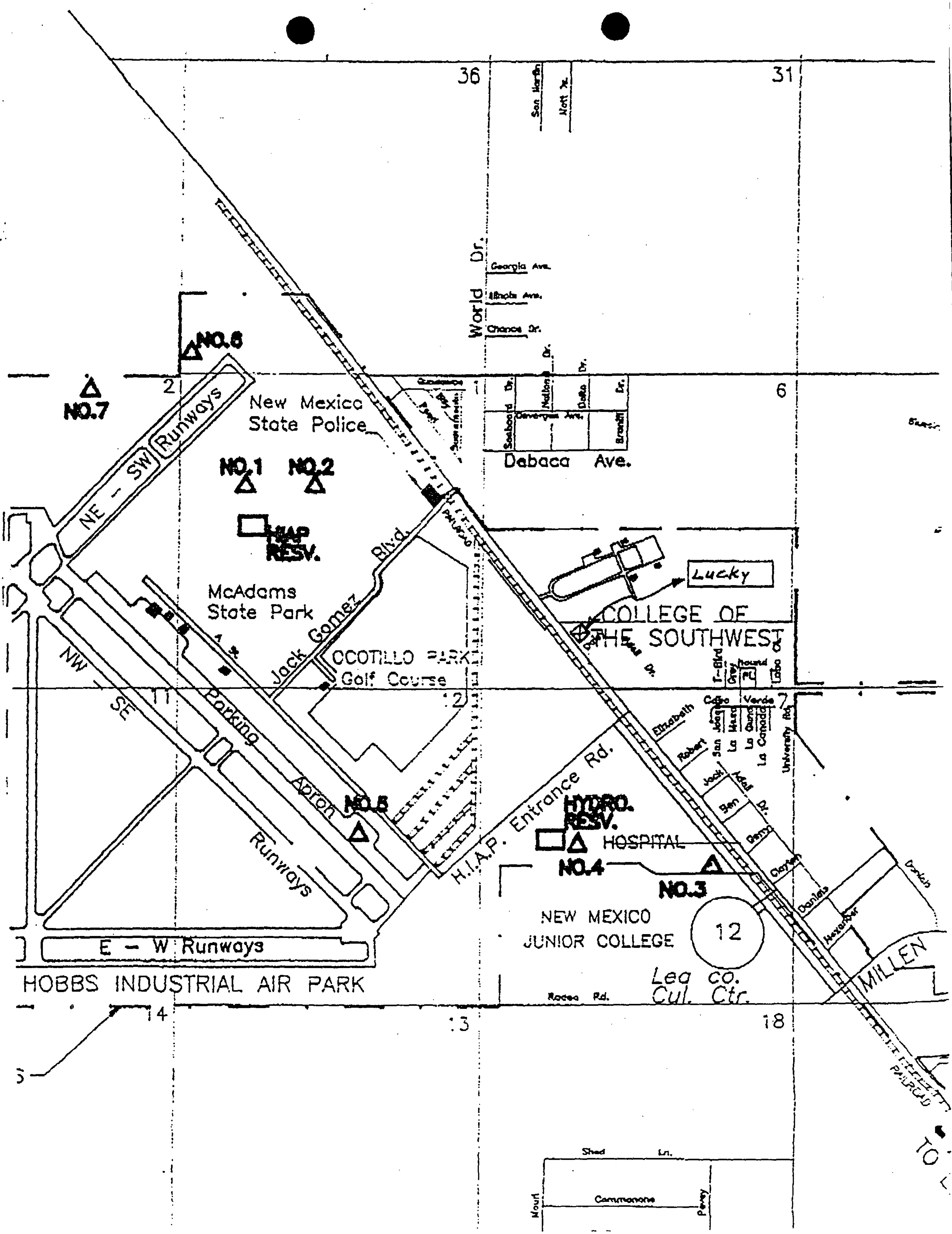
B2 - 12 to 26 inches, pale-brown (10 YR 6/3) light clay loam, grayish brown (10 YR 5/2) when moist; weak, medium, subangular blocky structure; hard, friable when moist, sticky and plastic when wet; many fine roots; many fine tubular pores; common fine soft calcium carbonate concretions; moderately alkaline (pH 8.2), strongly calcareous; clear boundary. 12 to 20 inches thick.

Cca - 26 to 60 inches, very pale brown (10 YR 8/3) chalky loam mixed with silty soils, very pale brown (10 YR 7/3) when moist; weak, fine granular structure; soft, friable when moist, slightly sticky and slightly plastic when wet; moderately alkaline (pH 8.4) strongly calcareous.

Discharge Monitoring Plan
Smith Services, 1120 W. Bender Road, Hobbs, NM

Attachment 3

Appendix 3-3
City of Hobbs Water Utility Water Quality Data



36
31
World Dr.
Georgia Ave.
Chance Dr.
NO.6
NO.7
2
1
6
New Mexico
State Police
NE – SW Runways
NO.1
NO.2
Debaca Ave.
HIAP RESV.
Jack Gomez Blvd.
Lucky
McAdams
State Park
COLLEGE OF
THE SOUTHWEST
OCOTILLO PARK
Golf Course
NW – SE
Parking
Apron
11
12
7
Elizabeth
Robert
University Rd.
NO.5
H.I.A.P. Entrance Rd.
HYDRO.
RESV.
HOSPITAL
NO.4
NO.3
Runways
NEW MEXICO
JUNIOR COLLEGE
12
E – W Runways
MILLEN
HOBBS INDUSTRIAL AIR PARK
Lea co.
Cul. Ctr.
Rodeo Rd.
14
13
18
RAILROAD
Commanche

STATE OF NEW MEXICO — DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
[505] 841-2500

ORGANIC CHEMISTRY SECTION [505] 841-2570

REPORT TO CLIENT:

Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

SLD No.: OR- 9602895
REQUEST ID No.: 168635
RECEIVED AT SLD: 8/22/96
☐ SLD COPY USER 55000

ED FIELD OFFICE: ☐

ED Field Office, Hobbs
726 E. Michigan Ave,Suite 165
Hobbs, NM 88240

☐ N.M.E.D. DRINKING WATER BUREAU

Barbara Giesler
Drinking Water Bureau
NMED
525 Camino los Marquez
Santa Fe NM 87502

SAMPLE COLLECTION: DATE: 8/21/96 TIME: 955 BY: Mey
SAMPLING LOCATION: Well #5 Entry Point
WSS #: 21613 REPORTING UNITS: ug/L

Remarks: Sample marked as: being preserved with Hydrochloric Acid;
No targeted compounds were detected in this sample.

EPA METHOD 502.2 SDWA VOLATILES BY GAS CHROMATOGRAHY (PID/ELCD)

DATE EXTRACTED: N/A
DATE ANALYZED: 8/25/96 4 Days: Within EPA Analysis Time
SAMPLE VOL (ml): 5
0

ANALYSIS No.: OR- 9602895
SLD BATCH No.: 440
DILUTION FACTOR: 1.00
REQUEST ID No.: 168635

SAMPLE PRESERVATION: Sample Temperature when received: 12 Degrees C.; pH = 1

CAS #	ANALYTE NAME	CONC. (ug/L)	QUAL.	SDL	MCL
71-43-2	Benzene		U	0.50	5
108-86-1	Bromobenzene		U	0.50	
74-97-5	Bromochloromethane		U	0.50	
75-27-4	Bromodichloromethane*		U	0.50	80
75-25-2	Bromoform*		U	0.50	80
24-83-9	Bromomethane		U	0.50	
78-93-3	2-Butanone (MEK)		U	5.00	
104-51-8	n-Butylbenzene		U	0.50	
135-98-8	sec-Butylbenzene		U	0.50	
98-06-6	tert-Butylbenzene		U	0.50	
1634-04-4	tert-Butyl methyl ether (MTBE)		U	5.00	
56-23-5	Carbon tetrachloride		U	0.50	5
108-90-7	Chlorobenzene (monochlorobenzene)		U	0.50	100
75-00-3	Chloroethane		U	0.50	
67-66-3	Chloroform*		U	0.50	80
74-87-3	Chloromethane		U	0.50	
95-49-8	2-Chlorotoluene		U	0.50	
106-43-4	4-Chlorotoluene		U	0.50	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		U	0.50	0.2
124-48-1	Dibromochloromethane*		U	0.50	80
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))		U	0.50	0.05
74-95-3	Dibromomethane		U	0.50	
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)		U	0.50	600
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)		U	0.50	600
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)		U	0.50	75
75-71-8	Dichlorodifluoromethane		U	0.50	
75-34-3	1,1-Dichloroethane				

75-35-4	1,1-Dichloroethene		U	0.50	7
156-59-2	cis-1,2-Dichloroethene		U	0.50	70
156-60-5	trans-1,2-Dichloroethene		U	0.50	100
78-87-5	1,2-Dichloropropane		U	0.50	5
142-28-9	1,3-Dichloropropane		U	0.50	
590-20-7	2,2-Dichloropropane		U	0.50	
563-58-6	1,1-Dichloropropene		U	0.50	
1006-01-5	cis-1,3-Dichloropropene		U	0.50	
1006-02-6	trans-1,3-Dichloropropene		U	0.50	
100-41-4	Ethylbenzene		U	0.50	700
87-68-3	Hexachlorobutadiene		U	0.50	
98-82-8	Isopropylbenzene		U	0.50	
99-87-6	4-Isopropyltoluene		U	0.50	
75-09-2	Methylene chloride (Dichloromethane)		U	0.50	5
91-20-3	Naphthalene		U	0.50	
103-65-1	Propylbenzene		U	0.50	
100-42-5	Styrene		U	0.50	100
630-20-6	1,1,1,2-Tetrachloroethane		U	0.50	
79-34-5	1,1,2,2-Tetrachloroethane		U	0.50	
127-18-4	Tetrachloroethene		U	0.50	5
109-99-9	Tetrahydrofuran (THF)		U	5.00	
108-88-3	Toluene		U	0.50	1000
87-61-5	1,2,3-Trichlorobenzene		U	0.50	
120-82-1	1,2,4-Trichlorobenzene		U	0.50	70
71-55-6	1,1,1-Trichloroethane		U	0.50	200
79-00-5	1,1,2-Trichloroethane		U	0.50	5
79-01-6	Trichloroethene		U	0.50	5
75-69-4	Trichlorofluoromethane		U	0.50	
96-18-4	1,2,3-Trichloropropane		U	0.50	
95-63-6	1,2,4-Trimethylbenzene		U	0.50	
108-67-8	1,3,5-Trimethylbenzene		U	0.50	
75-01-4	Vinyl chloride		U	0.50	2
95-47-6	o-Xylene*		U	0.50	
N/A	p- & m-Xylene*		U	0.50	
N/A	*Total of Xylenes above*	0.0	U	0.50	10000
N/A	*Total of Trihalomethanes above*	0.0	U	0.50	100

LABORATORY BATCH QUALITY CONTROL SUMMARY

SURROGATE RECOVERIES:	SURROGATE COMPOUNDS	CONCENTRATION	% RECOVERY
	2-Bromochlorobenzene (Photoionization Detector Surrogate)	10.28	102.8%
	2-Bromochlorobenzene(Electrolytic Conductivity Detector Surrogate)	9.69	96.9%

LABORATORY FORTIFIED BLANK RECOVERIES

The % recoveries for compounds in the batch spike were from 80% to 120% with the exception of the compounds listed below:

COMPOUND	CONCENTRATION (ug/L)	% RECOVERY
Bromoform	10	122
Dibromochloromethane	10	121

LABORATORY BLANKS

No target compounds were detected above the sample detection limit in laboratory blank with the ecxeption of the compound(s) listed below:

COMPOUND	CONCENTRATION (ug/L)
No Exceptions	

ANALYST: S. A. Mustafa QC APPROVED BY: Ken Sherrell

DEFINITIONS

**	Concentration Exceeds EPA's allowable Maximum Contaminstion Level
CAS#	Chemical Abstract Services Number - Unique number to help identify analytes listed by different names
CONC.	Concentration (ug/L) of analyte actually detected in the sample
QUAL	Qualifier of analytical results as follows:
	B Analyte was detected in laboratory blank
	J Analyte was detected at a level below which an accurate quantitation can be given (~5 * SDL)
	U No analyte was detected above the Sample Detection Limit.
MCL	Maximum Contamination Level Allowed by EPA for SDWA regulated analytes
SDL	Sample Detection Limit - The lowest concentration which can be differentiated from Zero with 99% confidence taking sample size (compositing) into account.
ug/L	Concentration Units - micrograms per liter which is approximately equivalent to Parts Per Billion (ppb)

CITY OF HOBBS
WATER WELL TESTS
RESULTS FROM THE CITY LAB
JUNE 1996
WELL 3

TEST RAN	RESULTS
ALKALINITY	184.0 mg/L
BICARBONATE	184.0 mg/L
CALCIUM	74.0 mg/L
CARBONATE	0 mg/L
CHLORIDE	60 mg/L
CHLORINE, TOTAL	- mg/L
CONDUCTIVITY	690 ms
COPPER	0.06 mg/L
FLUORIDE	0.96 mg/L
HARDNESS, TOTAL	234 mg/L
IRON, TOTAL	0.127 mg/L

WATER WELL TESTS (cont')

JUNE 1996

WELL 3

TEST RAN	RESULTS
NITRATE	2.7 mg.L
PHOSPHORUS	0.304 mg/L
pH	7.5
TEMPERATURE	21.9
TDS	390 mg/L
SULFATE	100.6 mg/L
SODIUM	50 mg/L

CITY OF HOBBS
WATER WELL TESTS
RESULTS FROM THE CITY LAB
JUNE 1996
WELL 4

TEST RAN	RESULTS
ALKALINITY	198.0 mg/L
BICARBONATE	198.0 mg/L
CALCIUM	69.0 mg/L
CARBONATE	0 mg/L
CHLORIDE	80 mg/L
CHLORINE, TOTAL	- mg/L
CONDUCTIVITY	780 ms
COPPER	0.06 mg/L
FLUORIDE	0.90 mg/L
HARDNESS, TOTAL	228 mg/L
IRON, TOTAL	0.064 mg/L
Mg	38.6 mg/L

WATER WELL TESTS (cont')

JUNE 1996

WELL 4

TEST RAN	RESULTS
NITRATE	3.2 mg.L
PHOSPHORUS	0.344 mg/L
pH	7.5
TEMPERATURE	22.4
TDS	480 mg/L
SULFATE	110.8 mg/L
SODIUM	58 mg/L

CITY OF HOBBS
WATER WELL TESTS
RESULTS FROM THE CITY LAB
JUNE 1996
WELL 5

TEST RAN	RESULTS
ALKALINITY	198.0 mg/L
BICARBONATE	198.0 mg/L
CALCIUM	78.0 mg/L
CARBONATE	0 mg/L
CHLORIDE	60 mg/L
CHLORINE, TOTAL	- mg/L
CONDUCTIVITY	740 ms
COPPER	0.07 mg/L
FLUORIDE	0.88 mg/L
HARDNESS, TOTAL	244 mg/L
IRON, TOTAL	0.037 mg/L
Mg	40.0 mg/L
MANGANESE	0.0 mg/L

WATER WELL TESTS (cont')

JUNE 1996

WELL 5

TEST RAN	RESULTS
NITRATE	3.8 mg.L
PHOSPHORUS	0.242 mg/L
pH	7.4
TEMPERATURE	23.3
TDS	390 mg/L
SULFATE	166.9 mg/L
SODIUM	55 mg/L

ATTACHMENT 4

ATTACHMENT 4

Release Notification
The Smith Services, Hobbs Machine Shop personnel will comply with the release notification and corrective action requirements of NMOCD Rule 116 (19 NMAC 15.3.116) and the notification of discharge—removal requirements of 20 NMAC 6.2.1203.

Closure Plan
Smith's environmental policies and procedures provide that facility operations shall be conducted in a manner to minimize adverse environmental impacts to land, water or air. In the event that Smith were to sell the property at 1120 W. Bender Road, Hobbs, New Mexico on which the Machine Shop facility is located or in the event that Smith's active operations were to be ceased for any other reason, this closure plan will be implemented.

(1) A phased environmental site assessment study will be conducted to determine if pollutants of concern are present and, if so, to determine the extent of the concern.

(2) If pollutants of concern are determined to be present in exceedance of the standards in Section 20.6.2.3103 NMAC (or other applicable local, state or federal requlation) or the presence of a toxic pollutant is detected in groundwater, Smith shall develop and implement a remediation plan in accordance with New Mexico Oil Conservation Division and New Mexico Environment Department requirements.

STORMWATER POLLUTION PREVENTION PLAN

National Pollutant Discharge Elimination System (NPDES) Storm Water Multi-Sector General Permit (MSGP) for Industrial Activities

and

Storm Water Pollution Prevention Plan (SWPPP)

Smith Services
1120 W. Bender Road
Hobbs, NM 88240

Prepared By:

Sii Environmental Affairs
Houston, TX

June 2002

STORM WATER POLLUTION PLAN CERTIFICATION[1]

SMITH SERVICES, 1120 W. BENDER ROAD, HOBBS, NM 88240

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Maurice Sticker
Director, Environmental Affairs
Name and Official Title (Type or Print)

Signature Maurice Sticker

Date Signed 6/4/02

Signed and certified per Part 9.7 of the National Pollutant Discharge Elimination System (NPDES) Storm Water Multi-Sector General Permit (MSGP) for Industrial Activities (65 FR 64746 to 64880).

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Figures	Description
1	Topographic Map of Facility and Surrounding Area
2	Site Map

Attachments	Description
1	Quarterly Outfall Monitoring Form
2	Quarterly Inspection Checklist
3	Comprehensive Site Compliance Checklist
4	Annual Employee Training Form
5	Non-Storm Water Discharge Certification

Appendixes	Description
A	Notice of Intent for Industrial Activities
B	Quarterly Outfall Monitoring Records
C	Quarterly Inspection Records
D	Comprehensive Site Compliance Evaluation Records
E	Annual Employee Training Records

Section 1 – Introduction

1.1 Background

On September 29, 1995, the National Pollutant Discharge Elimination System Storm Water Multi-Sector General Permit (Permit) for Industrial Activities (60 Federal Register 50804 – 51319, September 29, 1995) was promulgated. The Permit was reissued October 30, 2000 (65 Federal Register 64746 – 64880) and is administered by the United States Environmental Protection Agency (EPA) Region VI in the State of New Mexico.

The following Permit eligibility requirements were evaluated relative to the storm water discharges from Smith Services at 1120 W. Bender Road in Hobbs, NM:

- **Part 1.2.1** Industrial Sector
- **Part 1.2.2** Discharges Covered
- **Part 1.2.3.6** Endangered and Threatened Species or Critical Habitat Protection
- **Part 1.2.3.7** Storm Water Discharges and Storm Water Discharge-Related Activities with Unconsidered Adverse Effects on Historic Properties
- **Part 13.6.2** NMR05*###: The State of New Mexico, except Indian Country lands

Storm water discharges from Smith Services in Hobbs, NM were determined to be eligible, thus a "Notice of Intent for Storm Water Discharges Associated with Industrial Activity Under a NPDES General Permit" (NOI)" was filed with the EPA and site-specific Storm Water Pollution Prevention Plan (SWPPP) was prepared. Copies of the NOI and eligibility review documentation are included in Appendix A of this SWPPP

1.2 Responsibilities

Pollution Prevention Team and Other Facility Employees:

- Perform the Quarterly and Annual Inspections
- Keep all inspection records onsite with the SWPPP (Appendixes B through E)
- Advise Sii Environmental Affairs when any of the following conditions occur:
  - Change in design, construction, operation or maintenance which has a significant effect on the potential for a discharge of pollutants to the waters of the United States, or
  - SWPPP proves to be ineffective in eliminating or significantly minimizing pollutants from sources including those listed in Section 3.1 and 3.2 of the SWPPP, or
  - SWPPP proves to be ineffective in otherwise achieving the general objectives of controlling pollutants in storm water discharges associated with industrial activity.

Sii Environmental Affairs:

- Provide an annual employee training course.
- Revise the SWPPP as needed.

Section 2 - General Facility Information

2.1 Facility Description

Smith Services is located at 1120 W. Bender Road, Hobbs, NM, 88240 on Bender Road approximately 1000 feet west of the intersection of Bender Road and Turner Road (Figure 1). The facility's phone number is (505) 393-4964. The primary activity at this facility is oil field tool maintenance and fabrication. The Standard Industry Classification (SIC) 3599 (North American Industrial Classification System (NAICS) code 332999) corresponds to Permit Sector AB. The facility generally operates from 7:00 AM to 5:00 PM Monday through Friday, but may operate outside of these hours to meet customer requirements. Six people are currently employed at the facility.

The facility is located on approximately 7.5 acres. The percentage of the facility covered with impervious surfaces, such as concrete or asphalt paving or buildings, is approximately 14.8%.

The facility Emergency Contact is:

Don Gerth	Operations Manager	(505) 393-4964

The facility Alternate Emergency Contact is:

Greg Scott	Machinist	(505) 393-4964

2.2 Facility Maps

Figure 1 is a topographic map of the facility. The topographic map extends a minimum of one-half mile beyond the property boundaries of the site and shows the facility, surface water bodies and major transportation routes.

Figure 2 is a detailed facility map. The location of the following items are shown:

- Storm water discharge point(s), drainage area(s), and structural controls
- Paved areas and buildings
- Areas of actual or potential pollutant contact
- Location of any waste-generating areas and activities, if any

Section 3 - Potential for Significant Materials in Storm Water

3.1 Narrative Description of Industrial Activities and Potential Pollutant Sources

A narrative description of facility industrial activities and potential pollutant sources follows:

Activity	Description
Tool repair and machining	Oil field tool repair, fabrication and modification occurs primarily indoors in the machine or welding shops. Processes include welding, lathing, and grinding. Bucking and pipe straightening are conducted in outdoor work areas.
Tool inspection	Tool inspectors based at this location store varsol in the Bulk Material Storage Area, but do not perform inspections onsite.
Painting	Painting is not performed at this facility.
Material storage	Drill pipe, thread protectors and sheet metal are stored at various locations in the facility yard. Petroleum products (diesel, gasoline, oil, varsol) are stored in a Bulk Materials Storage Area (Figure 2) equipped with a 3-sided containment berm and a partial roof. Petroleum products may also be stored adjacent to equipment in the outdoor work areas.
Waste storage	Used coolant (oil and water mixture) or oil are collected in pails or 55-gallon drums staged at the point of generation then transferred to the used oil tanks located in the Bulk Materials Storage Area pending recycling. Metal turnings are collected at the point of generation, placed in a hopper and transferred to an open top roll off box for recycling. Scrap metal may also be placed in this roll off box. The municipal waste dumpster is equipped with lids and is located on the west side of the facility entrance.
Loading/ Unloading	Material loading and unloading occurs both indoors and outdoors using a gasoline powered forklift truck or overhead crane. Forklift fuel is obtained from the onsite storage area. Forklift maintenance is performed onsite indoors or in a covered work area.
Incineration	The facility may occasionally obtain a permit to burn wood or cardboard materials in an open top container in the facility yard.
Weed control	A service contractor may apply a commercial grade herbicide as needed to the pipe yard and the areas adjacent to the building and fence.
Vehicle maintenance	Fleet vehicles are maintained offsite.

The location of these activities and potential pollutant sources, the direction of flow and outfall locations are shown in Figure 2. Activities conducted indoors or in sheltered (roofed) areas are not expected to allow exposure to precipitation or runoff.

3.2 Inventory of Potentially Exposed Material and Potential Pollutants

The following is an inventory of potentially exposed materials, potential pollutants and Best Management Practices (BMPs) to prevent storm water pollution for facility activities that may allow exposure to precipitation or runoff:

Tool Repair and Machining

These activities are primarily conducted indoors. Figure 2 shows the outdoor work areas. Storm water may be exposed to petroleum products and thread compounds stored adjacent to the equipment in the outdoors work areas.

Potentially exposed materials: Oil, thread compound
Potential pollutants: TPH, oil and grease, VOCs, metals
BMP #1: Close drums except during the active transfer of material.
BMP #2: Maintain equipment in good working order.
BMP #3: Clean up drips promptly.
BMP #4: Practice good housekeeping.

Tool Inspections

Tool inspections are not performed onsite.

Potentially exposed materials: Not applicable
Potential pollutants: Not applicable
BMP: Continue the current practice.

Painting

Painting is not performed onsite.

Potentially exposed materials: Not applicable
Potential pollutants: Not applicable
BMP: Continue the current practice.

Material Storage

General storage locations and the Bulk Material Storage Area are shown in Figure 2.

Potentially exposed materials: Steel, thread compound, gasoline, oil, varsol
Potential pollutants: Metals, oil and grease, TPH, VOCs
BMP #1: Inspect storage areas regularly and address findings promptly.
BMP #2: Properly label all containers.
BMP #3: Close containers except during material transfer.
BMP #4: Practice good housekeeping.

Waste Storage

Figure 2 shows the outdoor waste storage locations.

Potentially exposed materials: Municipal waste, scrap metal, used coolant/oil, used varsol
Potential pollutants: Municipal waste: BOD, NO_2, NO_3; Scrap metal: metals; Used coolant/oil: oil and grease, TPH, VOCs; Used varsol: VOCs, metals, TPH
BMP #1: Inspect outdoor storage areas regularly.
BMP #2: Close containers except during material transfer.
BMP #3: Use containment (portable or permanent) if feasible.
BMP #4: Schedule regular material pickup.
BMP #5: Properly label all containers.

Loading and Unloading Loading/unloading may occur indoors or outdoors, facility-wide. **Potentially exposed materials:** Steel, gasoline, new/used varsol, new/used coolant, new/used oil, thread compound, **Potential pollutants:** Metals, TPH, oil and grease, VOCs **BMP #1:** Follow the procedures given in Sections 3.3 of this SWPPP for bulk product loading/unloading. **BMP #2:** Ensure facility personnel are trained in proper equipment use. **BMP #3:** Inspect storage areas regularly and address findings promptly. **BMP #3:** Ensure containers are closed or capped prior to moving. **BMP #4:** Promptly clean up any drips and practice good housekeeping.
Incineration Post-incineration residual materials may be exposed to storm water. **Potentially exposed materials:** Wood/cardboard, ash form burning wood/cardboard **Potential pollutants:** Wood, cardboard, ash, TSS **BMP #1:** Obtain any required permits and monitor the incineration process. **BMP #2:** Collect and dispose of excess ash.
Weed Control A service contractor applies commercial grade herbicide adjacent to the buildings, fence line and pipe racks on request. Materials are not stored onsite. **Potentially exposed materials:** Herbicide **Potential pollutants:** Herbicide **BMP #1:** Ensure the contractor removes unused product from the facility. **BMP #2:** Continue to use a service contractor.
Vehicle Maintenance Fleet vehicles maintenance is performed offsite. Forklift maintenance is performed indoors or in a covered work area onsite. **Potentially exposed materials:** Oil, used oil **Potential pollutants:** TPH, oil and grease **BMP:** Continue to perform fleet vehicle maintenance offsite and forklift maintenance indoors or in a covered work area.

BOD – Biochemical Oxygen Demand
NO_2 – Nitrite
VOCs – Volatile Organic Compounds
TPH – Total Petroleum Hydrocarbon
NO_3 – Nitrate
TSS – Total Suspended Solids

3.3 Bulk Material Storage Area

The Bulk Material Storage Area is approximately 15 feet by 40 feet partially surrounded by concrete berms. The southernmost section (approximately 25 feet) is equipped with a roof and a concrete floor. The remainder of the area in unroofed and has a gravel floor. There are no fuel dispensers. Located within the area are the following:

- One 300-gallon above ground storage tank (AST) – varsol (petroleum distillate)
- One 300-gallon AST – gasoline
- Two 300 gallon AST – used oil
- One or more 55-gallon steel drums or 5-gallon plastic pails of oil products
- One or more 30-gallon steel drums of used varsol

In order to prevent spills during material loading/unloading, the following procedures will be followed:

- Caution staff to ensure that all hoses are disconnected and all valves and connections are secure prior to vehicle departure.
- Engage vehicle emergency brake during loading/unloading operations.
- Place drip pans or buckets under valves and hose connections.
- Ensure qualified personnel load/unload fuel. The vehicle operator or a facility representative should be present for the duration of the transfer.
- Should a spill occur, immediately shut off all pumps and valves in order to stop the spill. Implement the procedures outlined in Section 4.4 of this SWPPP.

3.4 Spills and Leaks

There have been no reportable quantity spills (per 40 CFR 110, 40 CFR 117 or 40 CFR 302) at this facility in the past three years.

The Bulk Material Storage Area is susceptible to spills. This area is equipped with containment berms. Should the containment be breached or otherwise compromised, flow would follow the surface gradient to the south. Spill Prevention and Response procedures are given in Section 4.4 of this SWPPP.

3.5 Sampling Data

Quarterly visual monitoring will be performed and documented using the form provided in Attachment 1. Records will be filed in Appendix B and retained onsite for a minimum of three years.

Section 4 - Storm Water Measures and Controls

4.1 Pollution Prevention Team

The Pollution Prevention Team is composed of a Team Leader and an Alternate Team Leader designated by the Facility Environmental Coordinator. These individuals and their respective responsibilities are as follows:

Position	Name	Responsibilities
Team Leader	Don Gerth, Operations Manager	• SWPPP implementation and compliance • Preventive maintenance, periodic inspections and annual evaluation • Recommend SWPPP amendments and new management practices
Alternate Team Leader	Greg Scott, Machinist	• As assigned by Team Leader • Recommend SWPPP amendments and new management practices

Both the Team Leader and Alternate Team Leader can be reached at (505) 393-4964.

4.2 Preventive Maintenance and Periodic Inspections

The Pollution Prevention Team Leader or his designee will perform quarterly inspections using the checklist provided in Attachment 2. If areas that need repair, or clean up are identified during the inspection, the Operations Manager will be notified and the appropriate corrective action will be determined and implemented. Inspection records will be filed in Appendix C of this SWPPP and will be retained at least 3 years.

4.3 Good Housekeeping

Good housekeeping is the responsibility of all employees. Outdoor storage and work areas will be maintained in a neat and orderly condition. Whenever possible, equipment staged in the outside storage areas will be maintained free of oil and grease coatings and will be stored on racks or pallets. Materials and waste will be stored indoors whenever possible. The municipal waste dumpster will be emptied regularly.

4.4 Spill Prevention and Response

Spill Prevention

Materials will be handled and stored in accordance with the BMPs outlined in the Section 3.2. Spill supplies are available in the machine shop.

Response and Remediation

In the event of a spill or release of hazardous material, only those preliminary actions that **do not compromise the personal safety** of the person making the discovery will be taken. These actions include:

- **Safely removing any injured persons** from the danger resulting from the spill or release to an area where they may be properly treated.
- **Closing any emergency shut off switches and valves;** deactivating pumps.

Following the preliminary actions, the following steps will be taken:

- **Notify the Emergency Coordinator** identified in Section 2.1 of the SWPPP with the following "Rule 1" information:
  - Name and telephone number of the person reporting.
  - Name and address of the facility where the incident occurred.
  - Time of incident and type of incident (e.g. spill, fire, explosion)
  - Name and quantity of material(s) involved, to the extent known.
  - Extent of injuries, if any.
  - Possible on and off site hazards to human health or the environment.

The Emergency Coordinator will use the following criteria to formulate the appropriate response action:

- Ensure that all measures have been taken to protect human health and the environment in the local area.
- Use observation, facility records, and if necessary, chemical analysis to identify the character, exact source, amount and extent of any spilled or released material.
- Assess possible hazards and direct or indirect effects to human health or the environment.
- Notify Sii Environmental Affairs with all of the pertinent information including Rule 1 information.
- Notify emergency response contractors if any equipment is needed to contain or remove spilled or released material.

- The Emergency Coordinator will make any required notification to local, state or federal agencies.

- As needed, the Emergency Coordinator will direct on site personnel to:
  - Request assistance from co-workers.
  - Alert other facility personnel in the area if the entire facility must be evacuated.
  - Don appropriate safety equipment and attempt to stop the release by:
    - Stop any process that is causing or contributing to the spill or release.
    - Plug any holes or openings from which spilled or released material may be escaping.

- Contain the spilled or released material using sand, floor sweep or other absorbent and containment materials to minimize the size of the affected area.
- Transfer material from the leaking container or tank to alternate storage container or tank, if necessary, taking care not to spill any additional material during the transfer.

- Once the emergency situation has been resolved, the Emergency Coordinator will:
  - Prevent spilled or released hazardous material from entering uncontaminated areas.
  - Collected spilled or released materials and contaminated soil.
  - Classify any waste materials generated in the cleanup and properly dispose.
  - Decontaminate workers and equipment, as needed.

4.5 Sediment and Erosion Control

Approximately 14.8% of the facility is covered with impervious material (paving or building). The remaining area is covered with gravel. There were no evident flow paths with high potential for significant soil erosion or problems associated with significant sediment or soil erosion occurring onsite at the time the SWPPP was prepared. Any problems that may develop will be addressed in the quarterly inspection or comprehensive site compliance evaluation.

4.6 Management of Runoff

Potential storm water pollutants are given in Section 3.1. Flow paths with high potential for significant erosion are addressed in Section 4.5. The site is graded such that storm water drains southerly via sheet flow to a single outfall, thence to a culvert under Bender Road, thence southeasterly via a series of drainage ways maintained by the City of Hobbs to an open field at approximately Clinton and Hart Streets. When the amount of precipitation exceeds the flow capacity of the Bender Road culvert, storm water may pond onsite. The facility does not currently utilize any management practices for the treatment of or structures (e.g. culverts, weirs) for the diversion of storm water prior to discharge.

4.7 Inspections

Quarterly Inspections Routine facility inspections required by Part 4.2.7.2.1.5 will be completed quarterly and documented using Attachment 2. File completed forms in Appendix C of the SWPPP and retain for at least 3 years.

Annual Comprehensive Site Compliance Evaluation The Annual Comprehensive Site Compliance Evaluation and Compliance Evaluation Report required by Part 4.9 of the Permit will be documented using Attachment 3. Resolving any problems identified during the evaluation in a timely manner is the responsibility of the Pollution Prevention Team Leader, the Facility Environmental Coordinator and the Operations Manager. File completed forms in Appendix D of the SWPPP and retain for at least 3 years.

4.8 Annual Employee Training

Sii Environmental Affairs will provide an annual employee training course that addresses the elements of storm water pollution prevention. Training will include topics such as spill response, good housekeeping and material management. Training will be documented electronically for computer-based courses or with the training documentation form provided in Attachment 4 for presentation-based courses. Training records will be retained in Appendix E of this SWPPP for a minimum of three years.

4.9 Non-Storm Water Certification

The Non-Storm Water Discharge Certification and evaluation are provided in Attachment 5.

4.10 Plan Certification

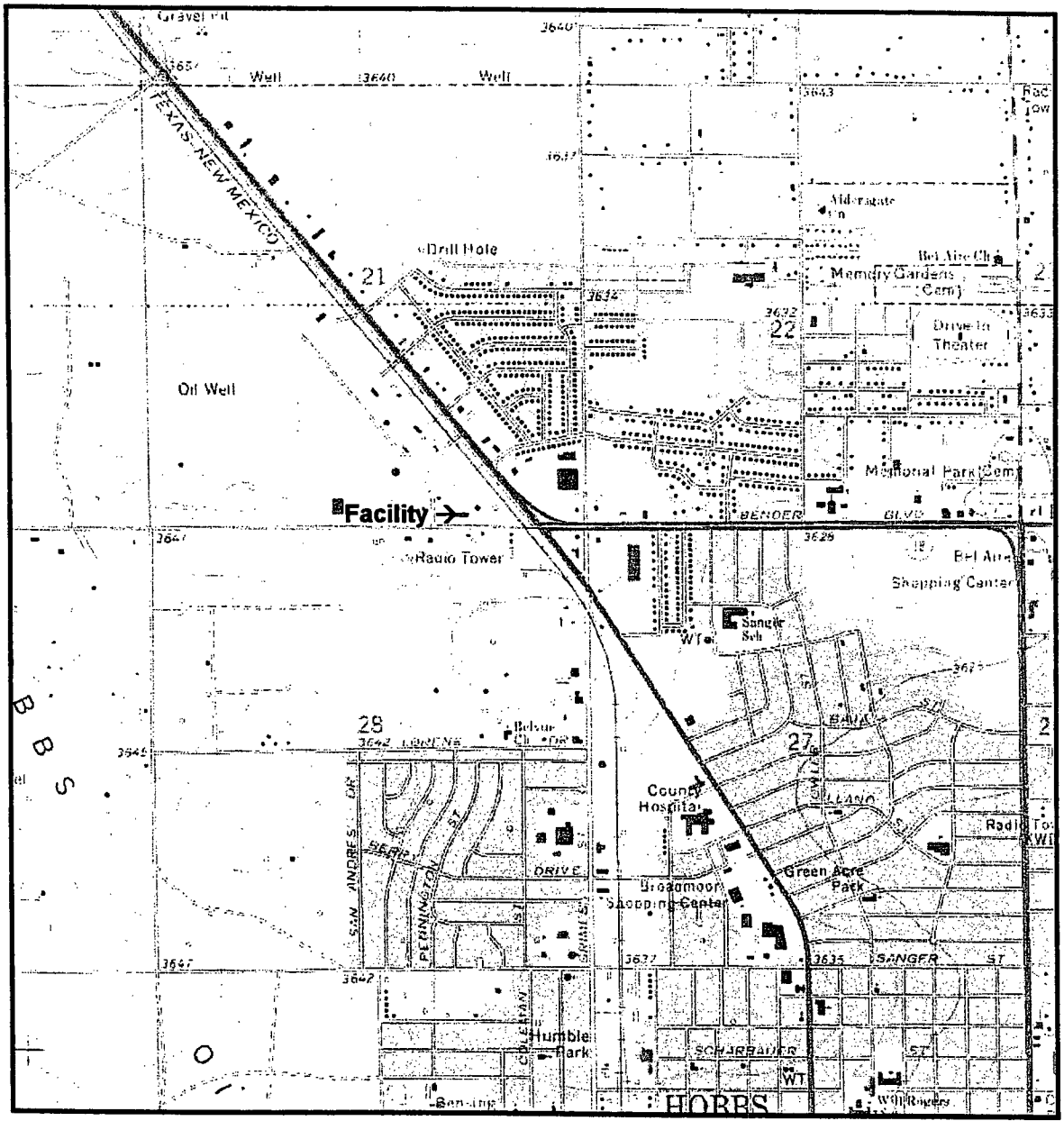
The SWPPP Certification is provided on Page i of this SWPPP.

4.11 Revisions

This SWPPP was prepared in June 2002. Sii Environmental Affairs or the Facility Environmental Coordinator will keep this plan up-to-date. The SWPPP will be revised when through the comprehensive site compliance evaluation or through the facility personnel it is determined that:

- there is a change in design, construction, operation or maintenance which has a significant effect on the potential for a discharge of pollutants to the waters of the United States, or
- the SWPPP proves to be ineffective in eliminating or significantly minimizing pollutants from sources including those listed in Section 3.1 and 3.2 of the SWPPP, or
- the SWPPP proves to be ineffective in otherwise achieving the general objectives of controlling pollutants in storm water discharges associated with this industrial activity.

Revisions will be added to this section of the plan and noted on the title page of the plan as necessary. The date of the revision will be included.



USGS Hobbs West, NM 7 ½ Minute Quadrangle (1969, Photorevised 1979)

0 1

miles

⇑ North

FIGURE 1

TOPOGRAPHIC MAP OF FACILITY AND SURROUNDING AREA
Smith Services
1120 W. Bender, Hobbs, NM 88240

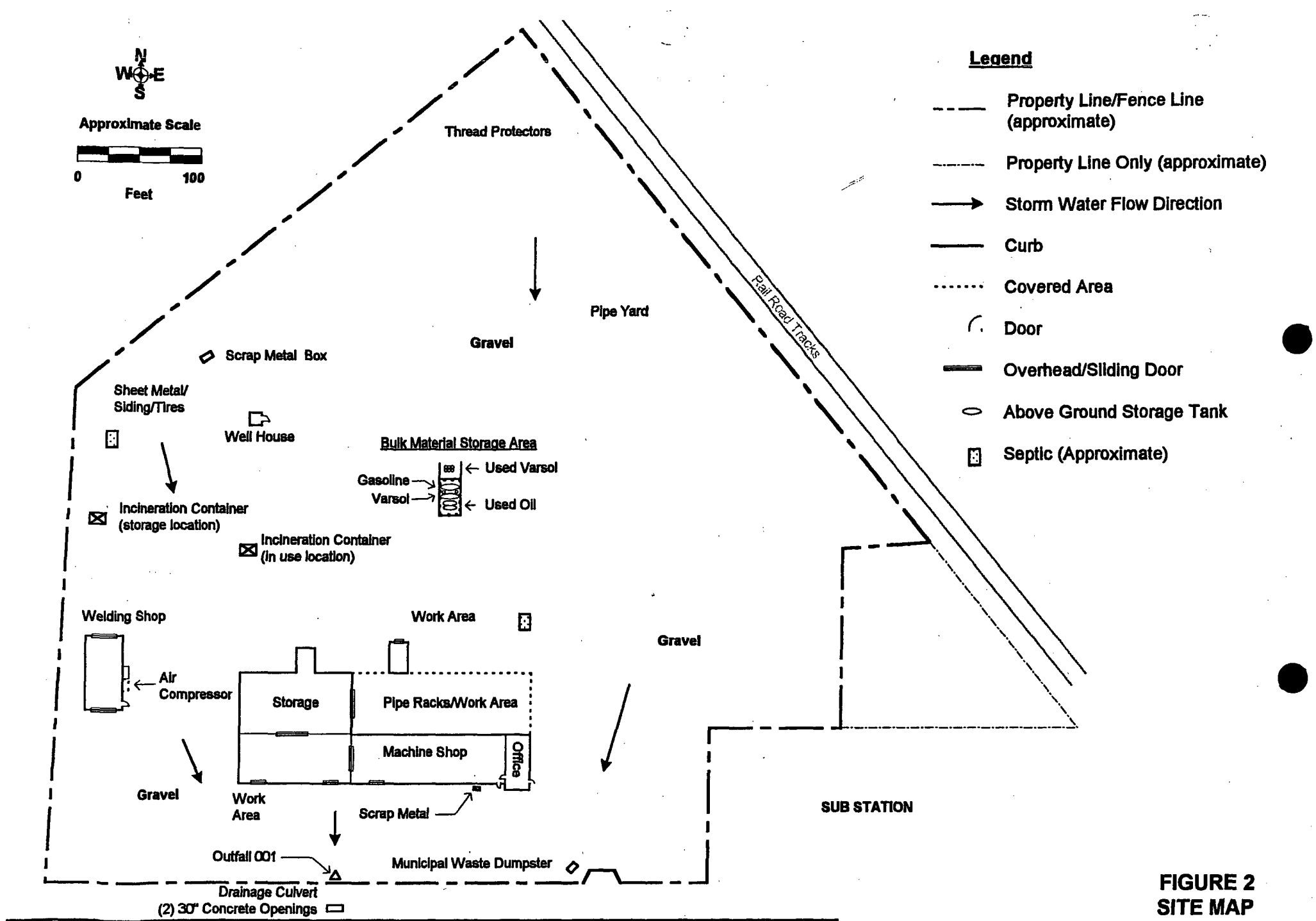


FIGURE 2
SITE MAP
Smith Services
1120 W. Bender Road, Hobbs, NM 88240
Drawing Date: June 4, 2002

ATTACHMENT 1
QUARTERLY OUTFALL MONITORING REPORT

Date: _____ Time: _____ AM or PM (circle one)

Name and Title: _____

Signature: _____

Directions: Collect a storm water sample from the outfall once during a qualifying runoff event during each of the following calendar quarters, complete Sections 1 through 3 and file the completed form in Appendix B:

January 1 through March 31 — July 1 through September 30
April 1 through June 30 — October 1 through December 31

Section 1. Assess the event (check the event type):

_____ Snow melt - proceed to Section 2.
_____ No measurable rainfall during monitoring period – proceed to Section 3
_____ Rainfall measurement from rain gauge: _____

☐ Yes ☐ No Is this rainfall event ≥ 0.1 inch **and** has it been more than 72 hours since last rainfall event ≥ 0.1 inch?

☐ Yes ☐ No Is the rainfall occurring during daylight hours?

If "no" to either of these questions the rainfall event does not qualify. Go to Section 3.

Section 2. Sample Collection:
Collect a sample at each outfall within 30 minutes but no later than 1 hour of when the runoff or snowmelt begins discharging at the outfall. Describe the visual quality of the sample.

Outfall Number	001
No Discharge	
Odor	
Color	
Clarity	
Floatables	
Stain	
Biological	
Other	

Section 3. Signature per Part 9.7 of the National Pollutant Discharge Elimination System Storm Water Multi-Sector General permit for Industrial Activities

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

_____ _____
Name and Title **Date**

ATTACHMENT 2 -
QUARTERLY INSPECTION CHECKLIST

Directions: Complete one Quarterly Inspection Checklist during each of the following calendar quarters:

January 1 through March 31
April 1 through June 30
July 1 through September 30
October 1 through December 31

File the completed form in Appendix C.

Date _____ Inspector's Name/Title and Signature _____

Inspection Items	Yes	No
Tool Repair and Machining		
• Drums are closed except during material transfer.		
• Equipment is in good working order.		
• Spill cleanup materials are available.		
• Good housekeeping (residual drips/spills promptly addressed) is practiced.		
Tool Inspections		
• Tool inspections are not performed onsite.		
Painting		
• Painting is not performed onsite.		
Material Storage		
• Storage areas are inspected regularly and findings are promptly addressed.		
• Containers are labeled and closed, except during material transfer.		
• Good housekeeping (residual drips/spills promptly addressed) is practiced.		
• Containment curb in the Bulk Storage Area is intact.		
Waste Storage		
• Storage areas are inspected regularly and findings are promptly addressed.		
• Spill cleanup materials available.		
• Containers are labeled and closed, except during material transfer.		
• Good housekeeping (residual drips/spills promptly addressed) is practiced.		
Material Loading and Unloading		
• Procedures for bulk materials in SWPPP Section 3.3 are followed.		
• Spill cleanup materials available.		
• Containers are closed or capped prior to moving.		
• Good housekeeping (residual drips/spills promptly addressed) is practiced.		
• Personnel performing this task are properly trained.		
Incineration		
• Material burning is permitted and monitored.		
• Excess ash is collected and disposed.		

ATTACHMENT 2 -
QUARTERLY INSPECTION CHECKLIST

Inspection Items	Yes	No
Weed Control		
• Landscape contractor is providing this service.		
• Contractor does not store unused product at the facility.		
Vehicle Maintenance		
• Fleet vehicle maintenance is performed offsite.		
• Fork lift maintenance is performed indoors or in a covered work area onsite.		

Summarize deficiencies. Must be corrected within **14 days**. Note the date corrected.

ATTACHMENT 3 -
ANNUAL COMPLIANCE EVALUATION REPORT
(Page 1 of 5)

Provide the evaluation date and the name(s) of the person(s) conducting the evaluation:

Date: _____

Name: _____

Purpose: This report documents the annual comprehensive site compliance evaluation required in Part 4.9 of the National Pollutant Discharge Elimination System Storm Water Multi-Sector General Permit for Industrial Activities (Permit). File completed reports in Appendix D.

Scope: Conduct a facility walkthrough observing the practices, procedures and/or structures described in the Storm Water Pollution Prevention Plan (SWPPP). Review each section of the SWPPP for accuracy, note any changes, and evaluate the affect of these changes (structural or procedural) on storm water management.

SWPPP Section	Yes	No	Comments
Section 2.1, Facility Description			
• Description is accurate			
Section 2.2, Facility Maps			
• Figures 1 and 2 are accurate and complete			
Section 3.1, Narrative Description of Industrial Activities and Potential Pollutant Sources			
• List of industrial activities/potential pollutant sources is complete			
• Industrial activities/potential pollutant source descriptions are accurate			
• Industrial activity/potential pollutant source locations are accurate			
Section 3.2, Inventory of Potentially Exposed Material and Potential Pollutants			
Tool Repair and Machining			
• Drums are closed except during material transfer.			
• Equipment is in good working order.			
• Spill cleanup materials are available.			
• Good housekeeping (residual drips/spills promptly addressed) is practiced.			
Tool Inspections			
• Tool inspections are not performed onsite.			
Painting			
• Painting is not performed onsite.			

ATTACHMENT 3 -
ANNUAL COMPLIANCE EVALUATION REPORT
(Page 2 of 5)

SWPPP Section	Yes	No	Comments
Section 3.2, Inventory of Potentially Exposed Material and Potential Pollutants			
Material Storage			
• Storage areas are inspected regularly and findings are promptly addressed.			
• Containers are closed, except during material transfer, and properly labeled.			
• Good housekeeping (residual drips/spills promptly addressed) is practiced.			
• Containment curb in the Bulk Storage Area is intact.			
Waste Storage			
• Storage areas are inspected regularly and findings are promptly addressed.			
• Spill cleanup materials available.			
• Containers are closed, except during material transfer, and properly labeled.			
• Good housekeeping (residual drips/spills promptly addressed) is practiced.			
Material Loading and Unloading			
• Procedures for bulk materials in SWPPP Section 3.3 are followed.			
• Spill cleanup materials available.			
• Containers are closed or capped prior to moving.			
• Good housekeeping (residual drips/spills promptly addressed) is practiced.			
• Personnel performing this task are properly trained.			
Incineration			
• Material burning is permitted and monitored.			
• Excess ash is collected and disposed.			
Weed Control			
• Landscape contractor is providing this service.			
• Contractor does not store unused product at the facility.			

ATTACHMENT 3 -
ANNUAL COMPLIANCE EVALUATION REPORT
(Page 3 of 5)

SWPPP Section	Yes	No	Comments
Section 3.2, Inventory of Potentially Exposed Material and Potential Pollutants			
Vehicle Maintenance			
• Fleet vehicle maintenance is performed offsite.			
• Fork lift maintenance is performed indoors or in a covered work area onsite.			
Section 3.3, Bulk Material Storage Area			
• Storage tank usage accurate.			
• Hoses disconnected and valves secure prior to delivery vehicle departure.			
• Vehicle brake engaged during loading/unloading operations.			
• Drip pans used under all connections during loading/unloading.			
• Qualified personnel perform load/unload and present for the duration of transfer.			
• Personnel know to shut off valves and pumps immediately in the event of a spill and to implement the procedures in Section 4.4.			
Section 3.4, Spills and Leaks			
• There were no spills or leaks with the potential to impact storm water since the last revision to the SWPPP			
Section 3.5, Sampling Data			
• Quarterly visual monitoring has been conducted and documented			
• Sampling requirements listed in the Permit have not changed			
• Storm water flow patterns are accurate			
• Storm water outfall locations are accurate			
Section 4.1, Pollution Prevention Team			
• Team member list is correct			
Sections 4.2 – 4.6, Pollution Prevention Measures and Controls			
Good Housekeeping			
• Municipal and Special waste dumpsters emptied regularly.			
• Outdoor storage areas generally clean and equipment generally free of oil/grease coating and stored on pallets.			

ATTACHMENT 3 -
ANNUAL COMPLIANCE EVALUATION REPORT
(Page 4 of 5)

Sections 4.2 – 4.6, Pollution Prevention Measures and Controls			
Spill Prevention and Response			
• Any RQ spills with the potential to pollute storm water this year.			
• Spill supplies available.			
• Containers clearly marked.			
• New procedures added.			
Sediment and Erosion Control			
• New flow paths with significant sediment or soil erosion.			
Management of Runoff			
• New management practices or storm water control structures.			
• Change in storm water drainage direction.			
Section 4.7, Inspections			
Quarterly Inspections			
• Inspections documented.			
• Problems discovered in the quarterly inspections promptly addressed.			
Annual Comprehensive Site Compliance Evaluation			
• Reports for the past three (3) years are filed onsite			
• Problems identified in the reports addressed according to the permit requirements			
Section 4.8, Annual Employee Training			
• The training program includes information pertinent to storm water pollution prevention.			
• Training documentation for the past three years are filed onsite			
Section 4.9, Non-Storm Water Certification			
• Non-storm water discharge certification present and no changes observed.			
Section 4.10, Storm Water Pollution Prevention Plan Certification			
• The facility in compliance with the SWPPP			
Section 4.11, Amendments			
• Revision summary table is present, if applicable			

ATTACHMENT 3 -
ANNUAL COMPLIANCE EVALUATION REPORT
(Page 5 of 5)

Findings: Complete the appropriate section below

_____ Based on the comprehensive site evaluation, it has been determined that this facility is implementing the elements of the SWPPP and meeting the conditions of the Permit, therefore the facility is in compliance with the SWPPP.

This finding is certified in accordance with Part 9.7.4 of the Permit.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

_____ _____

Name and Title **Date**

_____ Based on the comprehensive site evaluation, it has been determined that this facility is **not** implementing the elements of the SWPPP and is **not** meeting the specific conditions of the Permit, therefore the facility is **not** in compliance with the SWPPP.

Notification was provided to the Pollution Prevention Team on _____ by the undersigned.

- **Modifications to the SWPPP must be within 14 days** of the inspection.
- **Implementation of additional BMPs and modifications to existing BMPs should be made prior to the next anticipated storm event but must be made no later than 12 weeks** after completion of the comprehensive site evaluation per Part 4.9.3 of the Permit.

Notification was provided to Sii Environmental Affairs on on _____ by the undersigned.

_____ _____

Name of Person Conducting the Evaluation **Date**

ATTACHMENT 4 -
ANNUAL EMPLOYEE STORM WATER TRAINING

Directions: The training program addresses the following elements of the SWPPP, as applicable: Good Housekeeping, Spill Prevention and Response, Erosion Control, Maintenance Program for Structural Controls, Best Management Practices (BMPs), and Training. The program is offered on the Sii Intranet. Attendance is tracked electronically. A copy of the print out must be filed with this SWPPP.

Sii Environmental Affairs can provide presentation-based or videotape training to locations with limited access to the Intranet. Use this sign-in sheet to document onsite training. File the completed sheet in Appendix E of the SWPPP.

Training Topics:	**Description of Training Program/Materials (e.g. film, newsletter, course, field observation)**

Trainer: **Title:**	**Date of Training:**

Facility Name: Smith Services

Facility Address: 1120 W. Bender Road, Hobbs, NM 88240

ATTENDEES

Employee Name (printed)	**Signature**	**Date**

ATTACHMENT 5 - NON-STORM WATER DISCHARGE CERTIFICATION	Completed by: Bernice Petersen Title: Senior Environmental Coordinator Date: 03/12/2002
Outfalls Directly Observed (Figure 2)	001
Discharge Evaluation Method	Visual inspection
Non-Storm Water Discharge Evaluation Results	No Discharge
Non-Storm Water Discharge Potential Significant Source(s)	Not Applicable

CERTIFICATION[1]

"I certify under penalty of law that this document and all attachments were prepared under my supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Maurice Sticker **Director, Environmental Affairs**	(281) 233-5092 **Area Code and Business Phone Number**
Maurice Sticker **Signature**	6/4/02 **Date Signed**

Prepared in accordance with Part 4.4 of the National Pollutant Discharge Elimination System (NPDES) Storm Water Multi-Sector General Permit for Industrial Activities.

SMITH INTERNATIONAL, INC.

Non-Storm Water Discharge Assessment - Field Notes

Location:	Smith Services 1120 W. Bender Road Hobbs, NM 88240
Inspection Date:	March 12, 2002
Completed by:	Bernice Petersen
Time:	09:30
Last Precipitation:	Unknown
Storm Water Flow:	Storm water drains southerly via sheet flow to a single outfall area, thence to a culvert under Bender Road, thence southeasterly, via a series of drainage ways maintained by the City of Hobbs, to an open field southeast of town (approximately Clinton and Hart Streets).
Discharges:	Non-storm water discharges were not observed at the outfall during this assessment.

Signature:

Bernice Petersen

Bernice Petersen
Senior Environmental Coordinator
Smith International, Inc.

NPDES Form 3510-6

United States Environmental Protection Agency
Washington, DC 20460

Form Approved
OMB No. 2040-0086

Notice of Intent for Storm Water Discharges Associated with INDUSTRIAL ACTIVITY Under the Multi-sector NPDES General Permit

Submission of this completed Notice of Intent (NOI) constitutes notice that the entitiy in Section B intends to be authorized to discharge pollutants to waters of the United States, from the facility or site identified in Section C, under EPA's Storm Water Multi-sector General Permit (MSGP). Submission of the NOI also constitutes notice that the party identified in Section B of this form has read, understands, and meets the eligibility conditions of Part I of the MSGP; agrees to comply with all applicable terms and conditions of the MSGP; understands that continued authorization under the MSGP is contigent on maintaining eligibility for coverage, and that implementation of the permittee's pollution prevention plan is required two days after a complete NOI is mailed. In order to be granted coverage, all information required on this form must be completed. Please read and make sure you comply with all permit requirements, including the requirement to prepare and implement a storm water pollution prevention plan.

A. Permit Selection
If new, enter generic permit, otherwise enter previous permit: NMR05*####

New Permit Number(EPA Use Only) ___ R05____

B. Facility Operator Information
1. Name: Smith International, Inc. 2. Phone: 2814433370
3. Mailing Address: a. Street or P.O. Box: P.O. Box 60068
b. City: Houston c. State: TX d. Zip Code: 77205-0068

C. Facility/Site Information
1. Facility/Site Name: Smith Services
2. Location Address: a. Street: 1120 W. Bender Road
b. City: Hobbs c. County: Lea
d. State: NM e. Zip Code: 882401 f. Latitude: 32 43 33 g. Longitude: 103 08 53
3. If you are filing as a co-permittee, enter storm water general permit number: ____
4.a. Permit Applicant: ☐Federal ☐State ☐Tribal ☑Private ☐ Other public entity
b. Is the facility located on Indian Country Lands? ☐ Yes ☑No
5. Does the facility discharge storm water into:
a. Receiving water(s)? ☐Yes ☑No If yes, name(s) of receiving water(s): ____
b. A municipal separate storm sewer system (MS4)? ☑Yes ☐ No
If yes, name of the MS4 operator: City of Hobbs
6. The 4-digit Standard Industrial Classification (SIC) codes or the 2-letter Activity Codes that best represent the principal products produced or services rendered by your facility and major co-located activities:
Primary: 3599 Secondary (if applicable): ____
7. Applicable sector(s) of industrial activity, as designated in Part 1.2.1 of the MSGP, that include associated discharges that you seek to have covered under this permit (choose up to three):

☐Sector A	☐Sector F	☐Sector K	☐Sector P	☐Sector U	☐Sector Z
☐Sector B	☐Sector G	☐Sector L	☐Sector Q	☐Sector V	☐Sector AA
☐Sector C	☐Sector H	☐Sector M	☐Sector R	☐Sector W	☑Sector AB
☐Sector D	☐Sector I	☐Sector N	☐Sector S	☐Sector X	☐Sector AC
☐Sector E	☐Sector J	☐Sector O	☐Sector T	☐Sector Y	☐Sector AD

8. Additional Facility/Site Requirements:
a. Based on the instructions provided in Addendum A of the MSGP, have the eligibility criteria for "listed species" and critical habitat been met? ☑ Yes ☐ No
b. Based on the instructions provided in Addendum B of the MSGP, have the eligibility criteria for protection of historic properties been met? ☑ Yes ☐ No

D. Certification
Do you certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted? Based on your inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, do you certify that the information submitted is, to the best of your knowledge and belief, true, accurate, and complete? Do you certify that you are aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations?

Print Name: Maurice Sticker
Signature: Maur Stick Date: 06/04/03