

PIT REMEDIATION AND CLOSURE REPORT

Approved

Operator: Phillips Petroleum (Williams Field Services) Telephone: (801) 584-6361
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900
WellName: SJ 32-7 # 30 (86869)
Location: Unit or Qtr/Qtr Sec B Sec 21 T 32 R 7 County San Juan
PitType Dehydrator
LandType: State

Pit Location: Pit dimensions: length 17 ft., width 15 ft., depth 7 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 63 ft.

Direction from reference: 200 Degrees East of North

Depth To Ground Water: Less than 50 feet (20 points)
(Vertical distance from 50 feet to 99 feet (10 points)
contaminants to seasonal Greater than 100 feet (0 points) 0
high water elevation of
ground water)

Wellhead Protection Area: Yes (20 points)
(Less than 200 feet from a private No (0 points) 0
domestic water source, or; less than
1000 feet from all other water sources)

RECEIVED
MAR 30 1990
OIL CON. DIV.
DIST. 3

Distance To Surface Water: Less than 200 feet (20 points)
(Horizontal distance to perennial 200 feet to 1,000 feet (10 points)
lakes, ponds, rivers, streams, creeks, Greater than 1,000 feet (0 points) 0
irrigation canals and ditches)

Ranking Score (TOTAL POINTS): 0

Date Remediation Started: 11/5/97

Date Completed: 11/5/97

Remediation Method: Excavation ☒

Approx. Cubic Yard 66

(check all appropriate sections)

Landfarmed ☒Insitu Bioremediation ☐

Other

Landfarmed soil after mechanical aeration.

Remediation Location: Onsite ☒ Offsite(ie. landfarmed onsite,
name and location of
offsite facility)

General Description Of Remedial Action:

The pit was excavated to remove gross petroleum contamination. The excavated material was mechanically aerated and placed into an onsite landfarm.

Ground Water Encountered: 0

Final Pit:

Sample location SJ 32-7 # 30-V-EXFL-01

Closure Sampling:

(if multiple samples, attach
sample results and diagram
of sample locations and
depths)

Two samples were collected, one sample from the excavation bottom and the second sample was made up of 4 points from each excavation wall.

Sample depth 7 FEET

Sample date 11/5/97

Sample time 15:37

Sample Result

Benzene (ppm) <0.10

Total BTEX (ppm) <0.40

Field Headspace (ppm)

TPH (ppm) <2.0

Ground Water Sample: 0

I HERBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE
BEST OF MY KNOWLEDGE AND BELIEF

DATE 3/6/98

SIGNATURE

PRINTED NAME Mark Harvey for Williams Field Services
AND TITLE

PIT RETIREMENT FORM

86869

Date: 11-5-97

Weather SUNNY 60's

Well Name SJ 32-7 #30 Operator PHILLIPS PETROLEUM Sec 21 T 32 R 7 UL B

Land Type: BLM STATE FEE INDIAN

County SAN JUAN

One Call Made (505-765-1234)? (Y) N

Line Marking Evident? (Y) N

Pit Location:

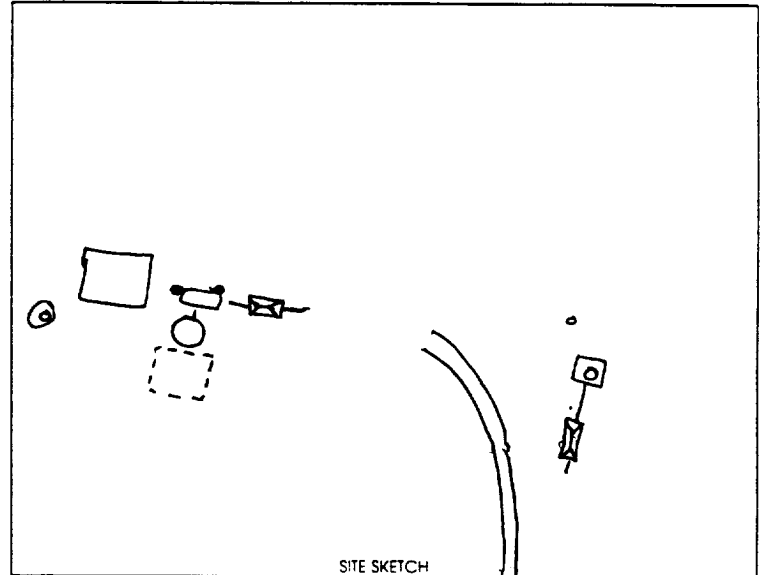
Reference Wellhead x Other _____

Distance from: 63

Direction: 200 Degrees x E N x
of
_____ W S _____

Starting Pit Dimensions 12 x 12 x 2

Final Pit Dimensions 17 x 15 x 7



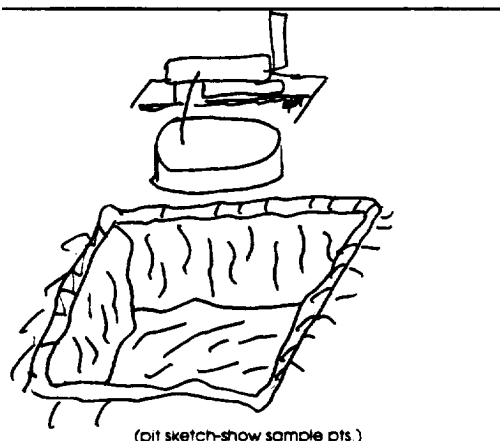
Organic Vapor Readings: Start _____ Soil Description: ROCKY CLAY
@ 2' _____
@ 4' _____
@ 6' _____
@ 8' _____
@ _____
@ _____

Well Proximity To: Residence, Domestic Water Well, Stock Well NONE
Arroyo, Wash, Lake, Stream NONE
Estimated or Known Distance to Ground Water > 100'

Source of Backfill (if other than processed material) _____

Samples collected: Type Progress Verification ID SJ 32-7 #30-V-EXWA-01 soil / water
Progress Verification ID SJ 32-7 #30-V-EXFL-01 soil / water
Progress Verification ID _____ soil / water

Sample sent to Lab Via: Courier Hand Carried Other _____ Preservative: ICE Other _____



Comments: SITE HAD SOME STAINING AND MODERATE
ODOR - SITE CLEANED UP NICELY - HIT CLAYSTONE
FLOOR AT 7 FEET - SOIL LANDFARMED ON SITE

Soil Shipped to: _____

Prepared by: Mark J. M/L



AMERICAN
WEST
ANALYTICAL
LABORATORIES

ORGANIC ANALYSIS REPORT

Client: Williams Field Services
Date Sampled: November 05, 1997
Date Received: November 12, 1997

Contact: Mark Harvey
Date Extracted: November 11, 1997
Date Analyzed: November 13, 1997

Analysis Requested:
Total Petroleum Hydrocarbons
Volatile Aromatics

Method Ref. Number:
SW-846 #801578020 modified
(Extraction - GC/PID-FID)

Field Sample ID:
SJ 32-7 #30-V-EXWA-01 @ 15:29/86869
JICARILLA PIT REMEDIATION

Lab Sample ID:
L31468-19

Analytical Results

Units = mg/kg(ppm)

BTX/TPH-E

<u>Compound:</u>	<u>Reporting Limit:</u>	<u>Amount Detected:</u>
Benzene	0.10	< 0.10
Toluene	0.10	< 0.10
Ethylbenzene	0.10	< 0.10
Total Xylene	0.10	< 0.10
Total Petroleum Hydrocarbons	2.0	< 2.0

% Moisture

10. %

* All compounds are reported on a dry weight basis.

Released By: Dean Sula

Laboratory Supervisor

Report Date: November 19, 1997

1 of 1



ORGANIC ANALYSIS REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Williams Field Services
Date Sampled: November 05, 1997
Date Received: November 12, 1997

Contact: Mark Harvey
Date Extracted: November 11, 1997
Date Analyzed: November 13, 1997

Analysis Requested:
Total Petroleum Hydrocarbons
Volatile Aromatics

Method Ref. Number:
SW-846 #801578020 modified
(Extraction - GC/PID-FID)

Field Sample ID:
SJ 32-7 #30-V-EXFL-01 @ 15:37/86869
JICARILLA PIT REMEDIATION

Lab Sample ID:
L31468-20

Analytical Results

Units = mg/kg(ppm)

BTX/TPH-E

<u>Compound:</u>	<u>Reporting Limit:</u>	<u>Amount Detected:</u>
Benzene	0.10	< 0.10
Toluene	0.10	< 0.10
Ethylbenzene	0.10	< 0.10
Total Xylene	0.10	< 0.10
Total Petroleum Hydrocarbons	2.0	< 2.0

% Moisture

7.0%

* All compounds are reported on a dry weight basis.

Released By:


Laboratory Supervisor

Report Date: November 19, 1997

1 of 1



AMERICAN
WEST
ANALYTICAL
LABORATORIES

ORGANIC ANALYSIS REPORT

Client: Williams Field Services
Date Sampled: November 21, 1997
Date Received: November 24, 1997

Contact: Mark Harvey
Date Extracted: November 24, 1997
Date Analyzed: November 25, 1997

Analysis Requested:
Total Petroleum Hydrocarbons

Method Ref. Number:
SW-846 #8015 modified
(Extraction - GC/FID)

Field Sample ID:
SJ 32-7 #30-V-LF-01 @ 13:50/86869 0 PPM
JICARILLA PIT REMEDIATION

Lab Sample ID:
L31589-31

Analytical Results

TPH-E

Units = mg/kg(ppm)

Compound:

Reporting
Limit:

Amount
Detected:

Total Petroleum Hydrocarbons

2.0

< 2.0

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687

% Moisture

8.0%

* All compounds are reported on a dry weight basis.

Released By: Diana Balg

Laboratory Supervisor

Report Date: November 26, 1997

1 of 1

LANDFARM

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103

Revised March 25, 1999

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-045-21906	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
Lease Name or Unit Agreement Name: San Juan 32-7 Unit 009260	
8. Well No. SJ 32-7 Unit #30	9. Pool name or Wildcat Blanco Mesaverde 72319

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator Phillips Petroleum Company 017654	
3. Address of Operator 5525 Highway 64, NBU 3004, Farmington, NM 87401	
4. Well Location Unit Letter <u>B</u> : <u>810'</u> feet from the <u>North</u> line and <u>1560'</u> feet from the <u>East</u> line Section <u>21</u> Township <u>32N</u> Range <u>7W</u> NMPM County <u>San Juan</u>	
10. Elevation (Show whether DR, RKB, RT, GR, etc.)	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: Squeeze cement behind pipe to stop BH leak ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

2/16/02 MIRU Key #940. ND WH & NU BOP. PT-OK. COOH w/tubing. RIH w/bit & scraper to 5770'. COOH. RIH w/CIBP & set @ 5200'. Load hole w/70 bbls water & PT casing to 600 psi, no pressure loss in 30 minutes. COOH. ND BOP. ND TH. NU new TH. NU BOP. PT - OK. RU Blue Jet. Ran CBL from 2100' to 1600'. Have cement stringers from 1750' to 1680'. Shot 3 squeeze holes @ 1652'. RD. Blue Jet. RIH w/FBP & set @ 1461'. Established injection through squeeze holes, up 7" backside through bradenhead to surface. RU BJ to cement. Squeezed 125 sx (296 cf - 52.7 bbl slurry) 65/35 POZ w/6% gel, 10#/sx CSE, 0.02#/sx SF, 1/4#/sx Cello-flake, 3% KCL and 0.4% FL-25, Tail - 50 sx (70 cf - 12.46 bbl slurry) Type 3 w/1% CaCl2 & 1/4#/sx Cello-flake. Good circulation up backside. Circulated 20 bbls cement to surface. Released packer. COOH w/packer. RIH w/bit & tagged cement @ 1510'. D/O to 16520' PT casing and squeeze holes to 500 psi - 30 minutes (charted). Good test. COOH. RIH w/bit & D/O CIBP @ 5200'. Circ. hole clean. C/O to PBTD @ 5825'. COOH. RIH w/2-3/8", 4.7# tubing & set @ 5723' w/"F" nipple set @ 5715'. ND BOP. NU WH. Pumped off expendable check. RD & released rig 2/25/02. Turned well back over to production.

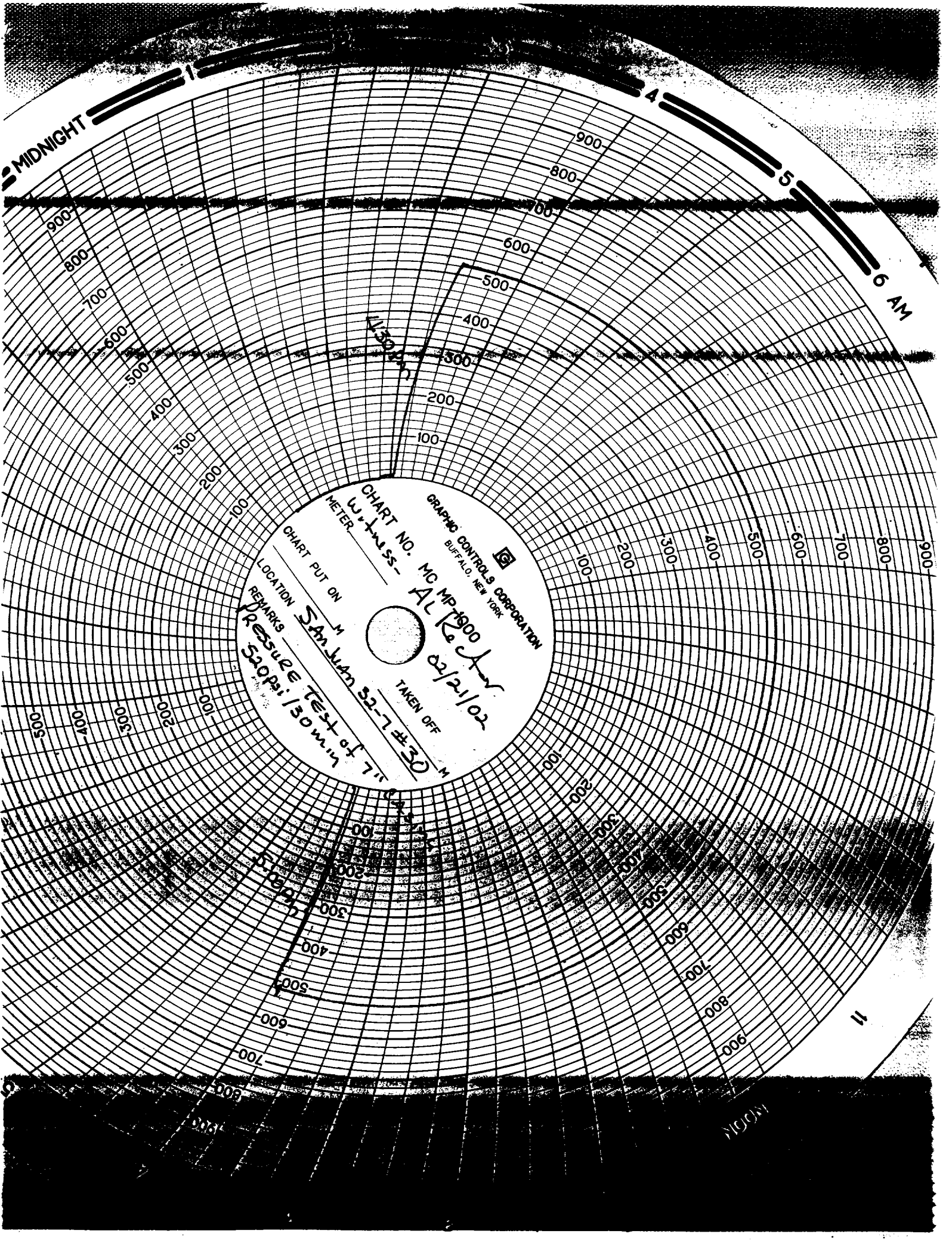
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Patsy Clugston TITLE Sr. Regulatory/proration Clerk DATE 2/26/02

Type or print name Patsy Clugston Telephone No. 505-599-3454

(This space for State use)

APPROVED BY CHARLIE T. PERAIN TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE FEB 28 2002
Conditions of approval, if any:



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-1900
CLASS-AL R

CHART PUT ON M
LOCATION San Juan 52-7 #30

REMARKS Pressure Test of 7" 320psi / 30 min

TAKEN OFF M

02/21/02