

In Lieu of  
Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use  
"APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. SF - 078765
2. Name of Operator WILLIAMS PRODUCTION COMPANY	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 561-6254	7. If Unit or CA, Agreement Designation ROSA UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 640' FSL & 950' FWL, SW/4 SW/4 SEC 22-31N-5W	8. Well Name and No. ROSA UNIT #132
	9. API Well No. 30-039-25314
	10. Field and Pool, or Exploratory Area BASIN DAKOTA
	11. County or Parish, State RIO ARRIBA, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water
	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Williams Production Company proposes to recomplete the plugged dakota wellbore to the Mesaverde Formation as per the attached procedure.

RECEIVED  
APR 25 1997

OIL CON. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed

SUSAN GRIGUHN

Title CLERK

Date

March 27, 1997

(This space for Federal or State office use)

Approved by

/s/ Duane W. Spencer

Title

APR 23 1997

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

NMOCD

10/29/96

WILLIAMS PRODUCTION COMPANY  
RECOMPLETION PROGNOSIS  
Rosa #132

PURPOSE: To recomplate uphole in the Mesaverde.

1. Check location and rig anchors. Repair as necessary. Tie in drill gas and set compressor.  
Spot and fill 7 - 400 bbl tanks with 1% KCl water. Filter water to 25 microns if necessary.
2. MIRUSU. Nipple up BOP, stripping head, blooie line, working valves and 2" relief line. Test BOP.
3. Run the Blue Jet processed GSL from 6300'-5500' and correlate back to open hole log. Review logs with engineering to choose perfs.
4. On wireline run CBL and GR/CCL in 7" casing from 6300'-5500'. Review CBL with engineering to determine if squeeze is needed.
5. TIH w/ 2-3/8" tubing and pressure test casing to 3300 psi. Spot 500 gals 15% HCl acid across the Mesaverde perforations. Acid to contain 1 gal/1000 gals surfactant, iron control, and corrosion inhibitor (24 hr inhibition at 150 F). TOH.
6. Using Blue Jet Processed GSL cased hole log. Perforate the Mesaverde formation in 7" casing using 0.36" holes using a 4-1/2" select fire casing gun from top down. Perfs will be based on log analysis. Est 30 holes.
7. Breakdown and attempt to balloff the perforations w/ 1000 gals 15% HCl acid and 1.3 S.G. - 7/8" neutral density RCN perf balls. Maximum pressure = 3300 psi. Acid to contain 1 gal/1000 gals surfactant, iron control and inhibitor (24 hour inhibition at 150 F).
8. RIH with wireline junk basket and retrieve frac balls.
9. Rig up pump trucks and fracture stimulate the Mesaverde formation with 100,000# 20/40 Arizona sand in 87,500 gals water at 2 BPM/perf. Max pressure = 3300 psi. DO NOT OVERFLUSH.

STAGE	FLUID (gals)	SAND (lbs)
Pad	15,000 gals	-
0.5 ppg	10,000 gals	5,000# sand
1.0 ppg	20,000 gals	20,000# sand
1.5 ppg	20,000 gals	30,000# sand
2.0 ppg	22,500 gals	45,000# sand
Flush	(To be determined)	-

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100,000 # 20/40 Arizona sd

All frac fluid to contain 0.5 - 1.0 gal/1000 gals FR-30 friction reducer, surfactant and biocide.

Record 15 minute ISIP.

10. Shut well overnight. TIH with 2-3/8" and notched collar and cleanout to TD w/ gas. Obtain pitot tube gauge when possible. TOH.
11. TIH w/ 2-3/8", J-55, 4.7#, 8rd, EUE tubing w/ notched collar on bottom and SN 1 joint up. Clean out to PBTD. Land tubing near bottom perf. Pump out plug if used and reverse circulate clean. Obtain pitot tube gauge.
12. ND BOP and NU wellhead. Shut well in for buildup.
13. Cleanup location and release rig. Notify Production Dept.

  
\_\_\_\_\_

Sterg Katirgis  
Senior Engineer

# DATA SHEET

WELLNAME: Rosa #132

FIELD: Basin Dakota

LOCATION: SW/4 SEC. 22, T31N, R5W

ELEVATION: 6528' GR KB: 14'

COUNTY: Rio Arriba

State: NM

TD: 8376' KB

FORMATION TOPS:	Ojo Alamo	2697'	Menefee	5662'
	Kirtland	2804'	Point Lookout	5857'
	Fruitland	3120'	Mancos	6187'
	Pictured Cliffs	3390'	Gallup	6750'
	Lewis	3790'	Greenhorn	7878'
	Cliff House	5330'	Dakota	8073'
			Morrison	8300'

## CASING RECORD:

<u>CASING</u>	<u>SIZE</u>	<u>WT. &amp; GRADE</u>	<u>DEPTH SET</u>	<u>CEMENT</u>	<u>TOC</u>
SURFACE	13-3/8"	61# J-55	407'	560SX	surface
INTERMEDIATE	9-5/8"	36# J-55	4264'	1st 520 sx, 2nd 1310 sx	surface
				DV @ 2732'	
PRODUCTION	7"	23# J-55	8053'	1st 673 sx, 2nd 673 sx	1300' TS
				DV @ 5137'	

WELLHEAD EQUIPMENT: Casing Head: 13 5/8" - 3000#    Tubing Head: 13 5/8" - 3000# X 7 1/16" - 5000#  
Casing Spool: 13 5/8" - 3000# X 13 5/8" - 3000#

TUBING EQUIPMENT: None

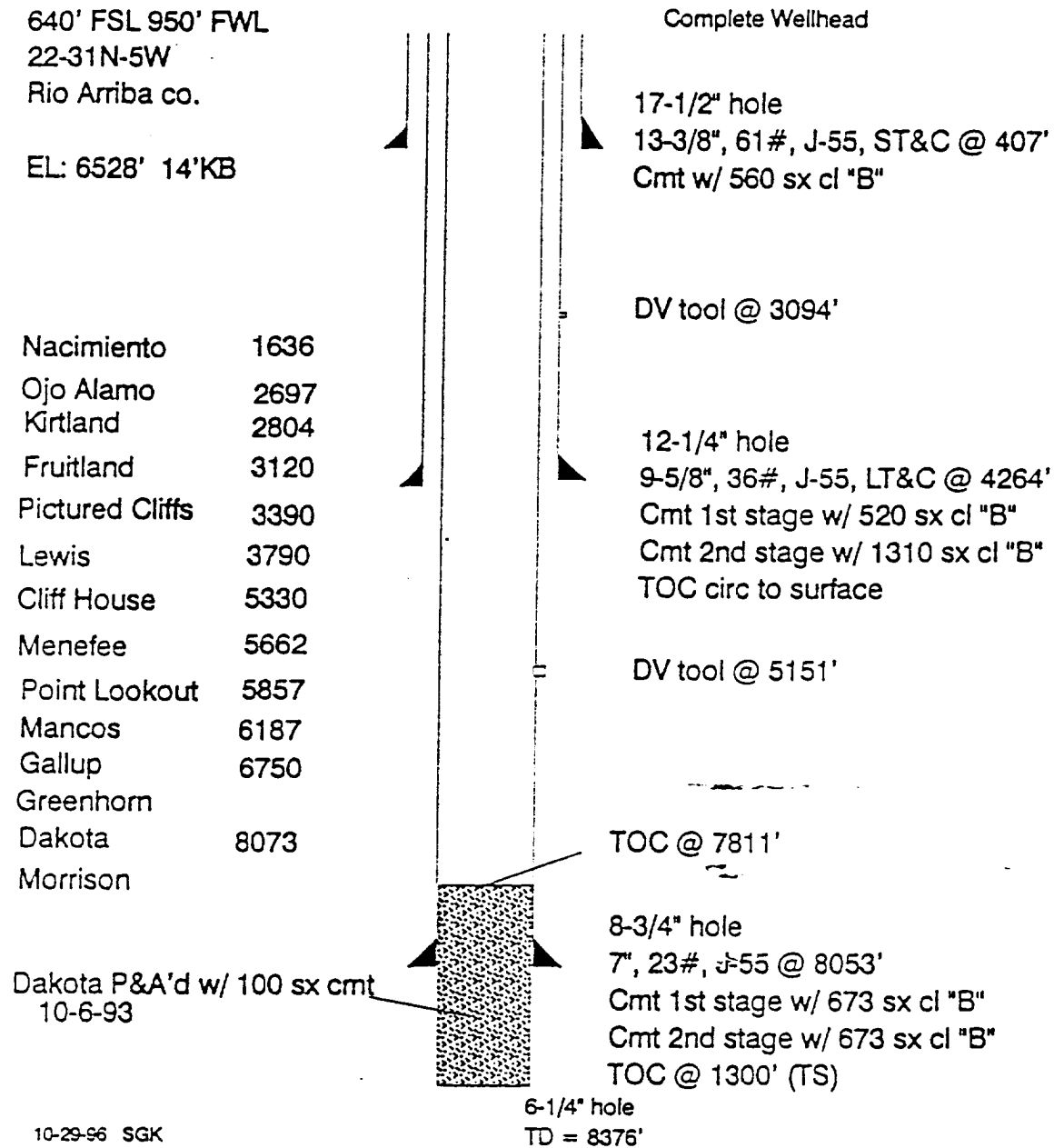
LOGGING RECORD: MRIAN, CSNG, Sandy-Shale Analysis, Induction Log, Dual Spaced Nuetron Log  
Compensated Neutron-Litho-Density, Natural Gamma Spectrometry, Phasor Ind-SFL;  
Microlog, Spectral Density Epithermal Neutron.

STIMULATION: None

PRODUCTION HISTORY: Dakota was plugged on 10/6/93 with 100 sxs. Top of plug @ 7811'.

# WELLBORE DIAGRAM

ROSA UNIT #132



Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos, Aztec, NM 87410

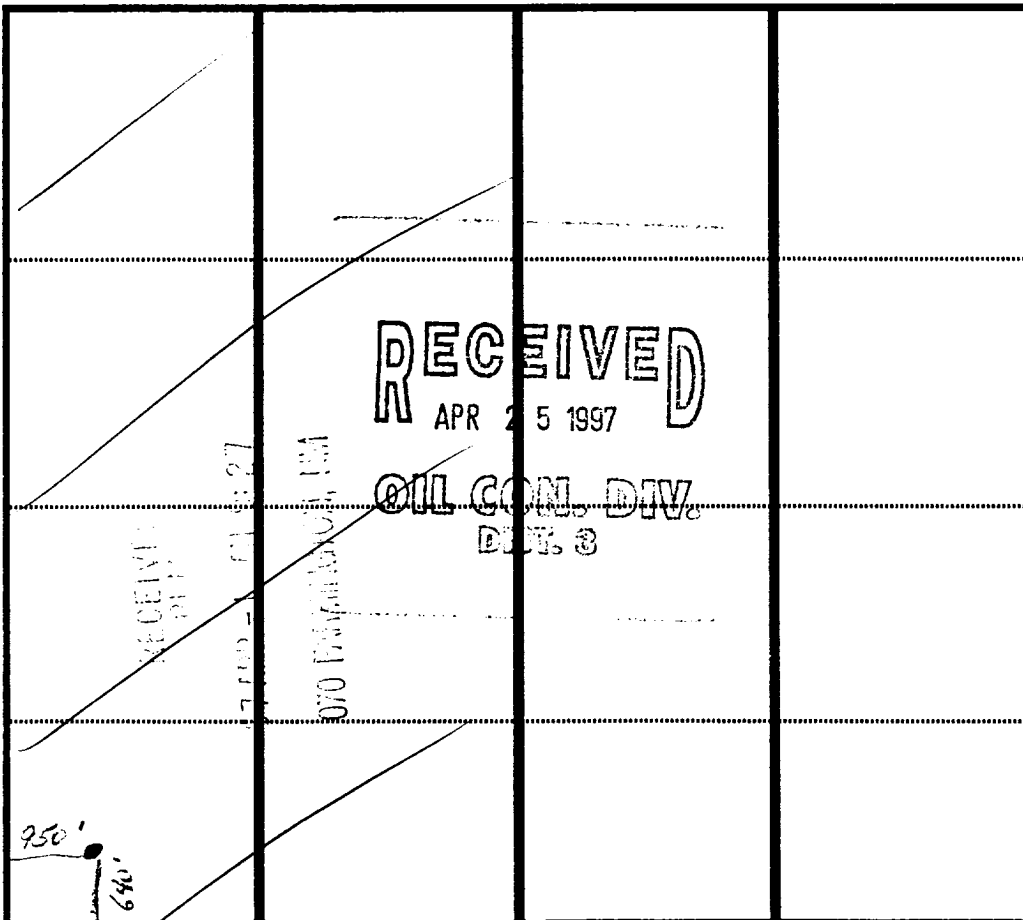
WELL LOCATION AND ACREAGE DEDICATION PLAT  
All Distances must be from the outer boundaries of the section

Hold C-104  
for NSL  
(2)

Operator <b>WILLIAMS PRODUCTION COMPANY</b>		Lease <b>ROSA UNIT</b>		Well No. <b>#132</b>
Unit Letter <b>M</b>	Section <b>22</b>	Township <b>31 North</b>	Range <b>5 West</b>	County <b>RIO ARRIBA</b>
Actual Footage Location of Well: <b>640</b> feet from the <b>SOUTH</b> line and <b>950</b> feet from the <b>WEST</b> line				
Ground level Elev <b>6528'</b>	Producing Formation <b>Mesaverde</b>	Pool <b>Blanco</b>	Dedication Acreage: <b>320 W/2 Acres</b>	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease if different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-polling, ect?  
☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_  
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary). \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



<b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein in true and complete to the best of my knowledge and belief. Signature _____ Printed Name <b>Susan Griguhn</b> Position <b>Clerk</b>	
Company <b>WILLIAMS PRODUCTION CO.</b> Date <b>March 27, 1997</b>	
<b>SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed _____ Signature & Seal of Professional Surveyor _____ Certification No. _____	

Submit to Appropriate  
District Office  
State Lease - 4 copies  
For Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
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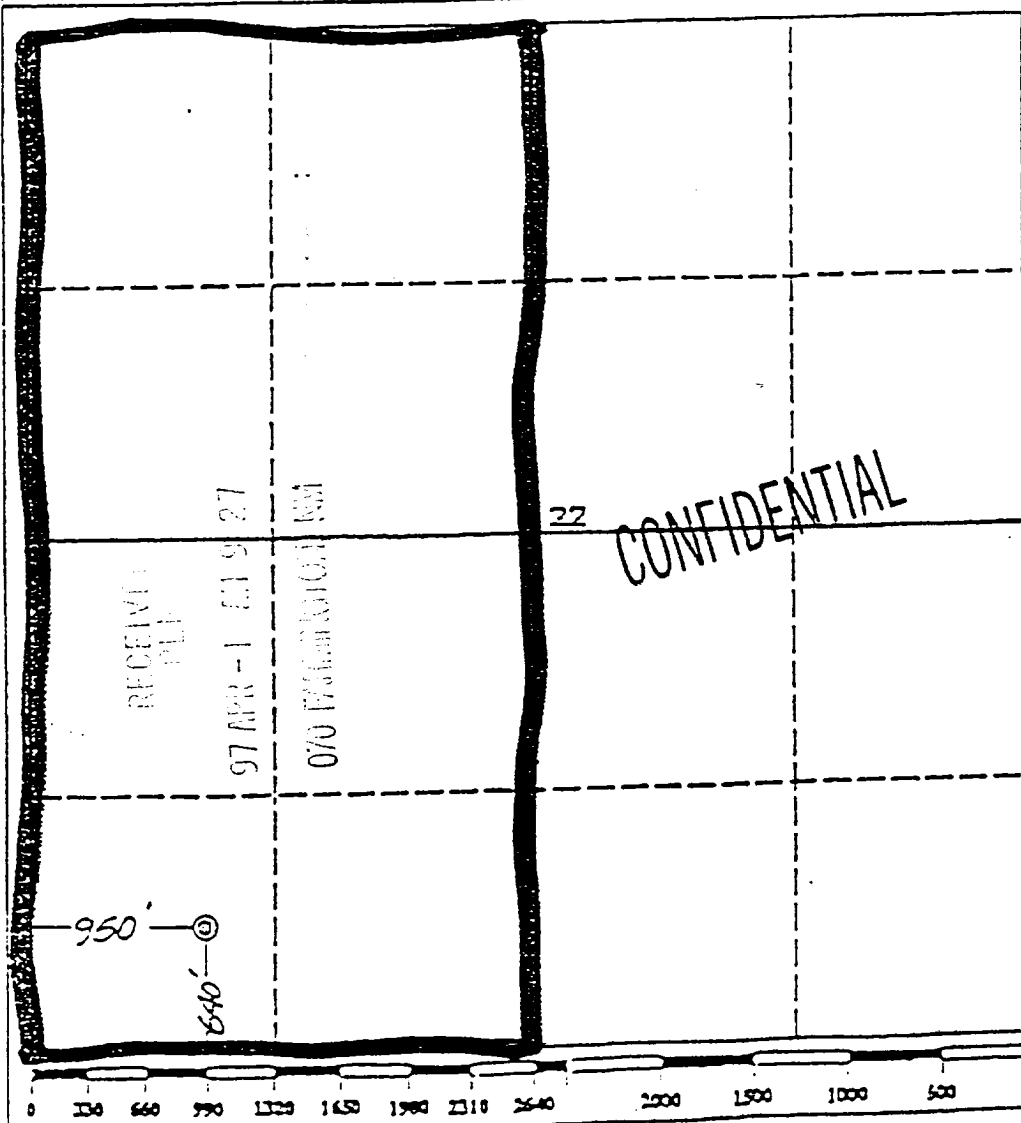
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT  
All Distances must be from the outer boundaries of the section

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93 JUN 17 AM 10:48  
070 FARMINGTON - NM

Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>Rosa Unit</b>		
Unit Letter <b>M</b>	Section <b>22</b>	Township <b>31 NORTH</b>	Range <b>3 WEST</b>	County <b>NMPM</b>	
Actual Footage Location of Well: <b>640</b> feet from the <b>SOUTH</b> line and <b>950</b> feet from the <b>WEST</b> line					
Ground level Elev. <b>6528</b>	Producing Formation <b>Basin Dakota</b>		Pool <b>Basin Dakota</b>	Dedicated Acreage: <b>320 W/2</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, forced-pooling, etc?  
☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_  
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).  
No allowance will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a pool-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature <i>Julie Acevedo</i>
Printed Name <b>Julie Acevedo</b>
Position <b>Sr. Staff Assistant</b>
Company <b>Amoco Production Company</b>
Date <b>5/25/93</b>

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed <b>May 13, 1993</b>
Signature & Seal Professional Surveyor <b>GARY D. VANN</b> <b>7016</b>
Gary D. Vann Certified <b>7016</b>