

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C 103
Revised 1-1-89

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

OIL CONSERVATION DIVISION

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

P.O. Drawer DD, Artesia, NM 88210

DISTRICT T11
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30-025-35466
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	State F-1
8. Well No.	#11
9. Pool name or Wildcat	Hardy Tubb Drinkard 29760/Hardy Blinebry

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 checked="" type="checkbox"/> Gas Well <input type="checkbox"/> OTHER	
2. Name of Operator Conoco Inc.	
3. Address of Operator 10 Desta Dr. Ste 100W, Midland, Tx., 79705-4500	
4. Well Location Unit Letter <u>S</u> <u>1650</u> Feet From The <u>South</u> Line and <u>1830</u> Feet From The <u>West</u> Line Section <u>1</u> Township <u>21S</u> Range <u>36E</u> NMPM <u>Lea</u> County	
10. Elevaon (Show whether DF, RKB, RT, GR, etc.) 3504'	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <u>Downhole Commingle</u> <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER <input type="checkbox"/>

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.

R-11363

Conoco proposes to downhole commingle the Hardy Tubb Drinkard and the Hardy Blinebry. Both pools are pre-approved and ownership is the same. The Allocation percentages:

	Oil	Gas
Hardy Blinebry:	71%	37%
Hardy Tubb Drinkard	29%	63%

***Only District approval is necessary

DHC Order No. HOB-0049

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

SIGNATURE Kay Maddox TITLE Regulatory Agent DATE October 8, 2002
TYPE OR PRINT NAME Kay Maddox TELEPHONE NO. (915) 686-5798

(this space for State Use)

APPROVED BY _____ TITLE ORIGINAL SIGNED PAUL F. KAUTE DATE OCT 24 2002
CONDITIONS OF APPROVAL, IF ANY: PETROLEUM ENGINEER

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241 1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-A
New 3-12-96

DISTRICT II
811 South First St. Artesia NM 88210 2835

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

DISTRICT III
1000 Rio Brazos Rd. Aztec, NM 87410 1693

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE

☒ YES ☐ NO

Operator Conoco Inc. Address 10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500

State F-1 Well No # 11 Section 1, T-21-S, R-36-E, S County Lea

Lease 005073 Property Code 003105 API NO. 30-025-35466 Spacing Unit Lease Types: (check 1 or more)
Federal ☐ State ☒ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Hardy Blinebry 29710		Hardy Tubb Drinkard 29760
2. TOP and Bottom of Pay Section (Perforations)	5960-5702'		6434-6460'
3. Type of production (Oil or Gas)	Oil		Oil
4. Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
5. Bottomhole Pressure	a. (Current) 2170	a.	a. 1480
Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	b. (Original)	b.	b.
6. Oil Gravity (*API) or Gas BT Content	38		38
7. Producing or Shut-In?			Producing
Production Marginal? (yes or no)			No
• If Shut-In give date and oil/gas/water rates of last production	Date Rates	Date Rates	Date Rates
Note For new zones with no production history applicant shall be required to attach production estimates and supporting data			
• If Producing, date and oil/gas/water rates of recent test (within 60 days)	Date Rates 10/7/2002 34 BO, 135 BWPD, 64 MCFpd	Date Rates	Date Rates 9/2/2002 52 BOPD, 46 BWPD, 98 MCFPD
8. Fixed Percentage Allocation Formula - % for each zone	oil: 71 % Gas 37 %	oil: % Gas %	oil: 29 % Gas 63 %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☐ No
If not, have all working, overriding, and royalty interests been notified by certified mail? ☐ Yes ☐ No
Have all offset operators been given written notice of the proposed downhole commingling? ☐ Yes ☒ No

11. Will cross-flow occur? ☐ Yes ☒ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☐ Yes ☐ No (If No, attach explanation)

12. Are all produced fluids from all commingled zones compatible with each others ☒ Yes ☐ No

13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)

14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No

15. NMOC Reference Cases for Rule 303(D) Exceptions: ORDER NO(S) _____

16. ATTACHMENTS

- * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- * Production curve for each zone for at least one year. (If not available, attach explanation.)
- * For zones with no production history, estimated production rates and supporting data.
- * Data to support allocation method or formula.
- * Notification list of all offset operators.
- * Notification list of working, overriding and royalty interests for uncommon interest cases.
- * Any additional statements, data, or documents required to support commingling.

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

SIGNATURE Kay Maddox TITLE Regulatory Agent DATE October 8, 2002

TYPE OR PRINT NAME Kay Maddox TELEPHONE NO. (915) 686-5798

POWER TOOLS MAP

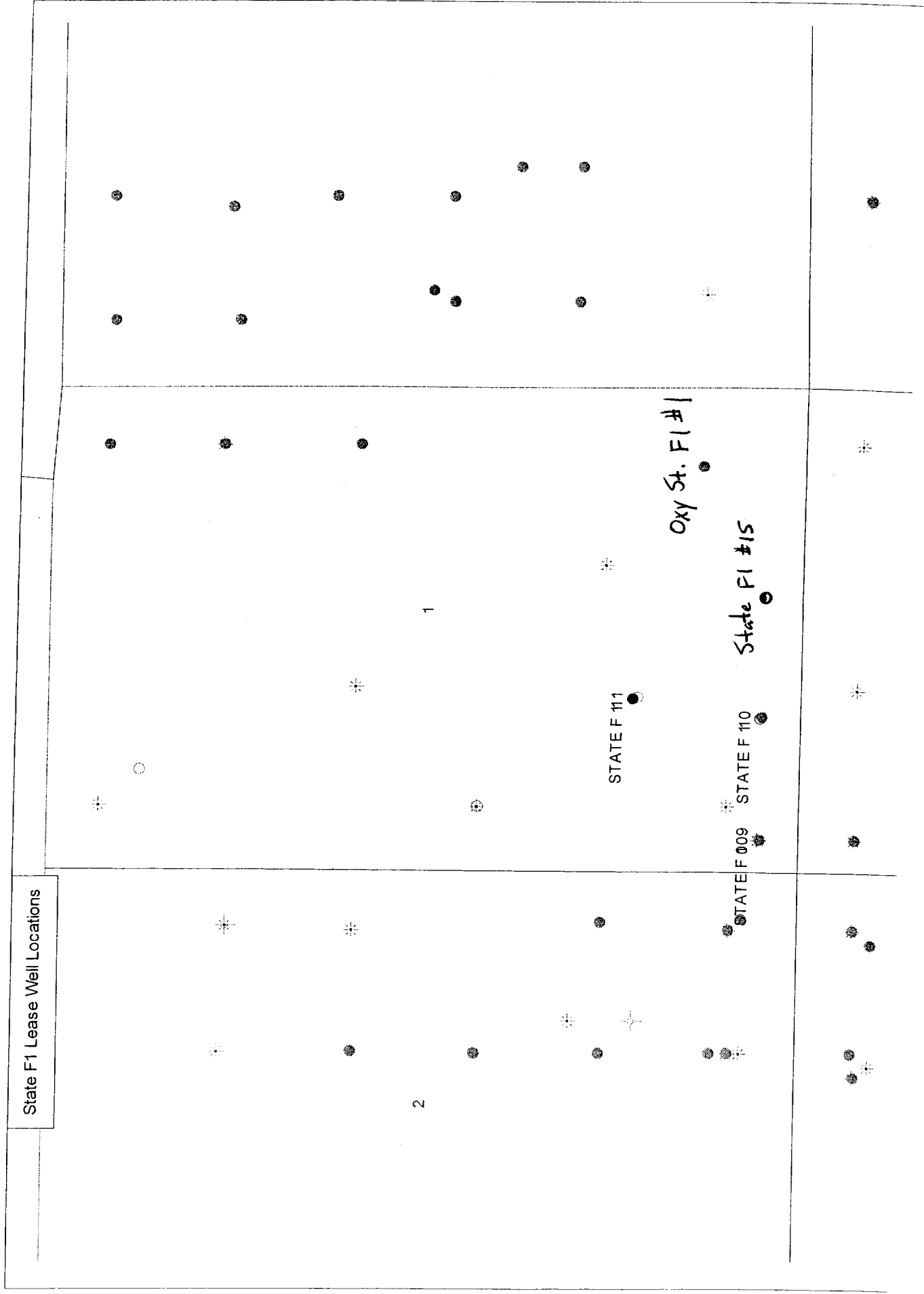
Project: P:\Power tools\StateF1-commingle.mdb

Date: 9/9/2002
Time: 12:36 PM

Lease Name: STATE F 1 (10)
County, ST: LEA, NM
Location: 1 21S 36E

Operator: CONOCO INCORPORATED
Field Name: HARDY

State F1 Lease Well Locations



October 8, 2002

A copy of the C-103 application to downhole commingle the following wells has been sent to the Commissioner of Public Lands for the State of New Mexico.

State F-1 # 15

Oxy State F-1 #1

State F-1 #11

District I
PO Box 1980, Hobbs, NM 88241 1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Conoco Inc 10 Desta Dr. Ste. 100W Midland, Tx. 79705-4500		OGRID No. 005073
		API Number 30-0 025-35466
Property Code 003105	Property Name State F-1	Well No. #11

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
S	1	21S	36E		1650	South	1830	West	Lea

s Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Hardy Tubb Drinkard 29760					Proposed Pool 2 Hardy Blinebry 29710				

Work Type Code 16 Multiple yes	Well Type Code O 17 Proposed Depth	Cable/Rotary R 18 Formation	Lease type Code S 19 Contractor	14 Ground Level Elevation 3504' 20 Spud Date
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21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight /foot	Setting Depth	Sacks of Cement	Estimated TOC
Same as original					

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Conoco proposes to perforate the Blinebry (Hardy Blinebry pool 29710), produce this well for 30 days, establish production, and then downhole commingle with the established Tubb production (Hardy Tubb Drinkard 29760) Pre-approved pools.

1. MIRU, POOH w/rods & tbg
2. Clean out paraffin if necessary
3. Run bit & scraper. Isolate Tubb w/RBP @ 6400'
4. Perforate Blinebry (5690'-5702')
5. Acidize, frac, cleanout
6. Establish production to determine allocation percentages- Submit % to OCD-District office for approval
7. Pull RBP, downhole commingle Tubb & Blinebry production.

Added
APR 19 2002

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Kay Maddox</i>		OIL CONSERVATION DIVISION ORIGINAL SIGNED BY:	
Printed name: Kay Maddox		Approved by: PAUL F. KAUTZ	
Title: Regulatory Agent		Title: PETROLEUM ENGINEER	
Date: April 17, 2002		Approval Date: APR 19 2002	Expiration Date:
Phone: (915) 686-5798		Conditions of Approval: Attached	

Certificate Number

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd. Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35466		2 Pool Code 29710		3 Pool Name Hardy Blinebry	
4 Property Code 003105		5 Property Name State F-1			6 Well Number #11
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 3504'

10 Surface Location

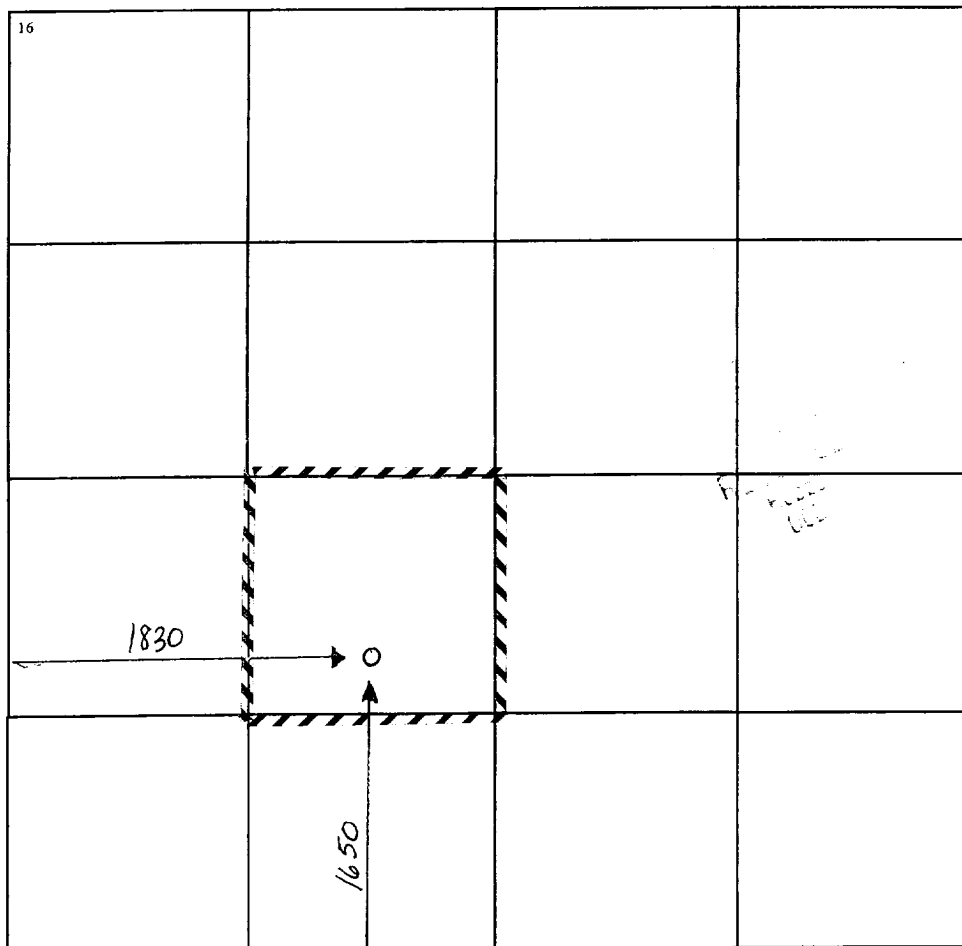
UL or Id no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
S	1	21S	36E		1650	South	1830	West	Lea

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

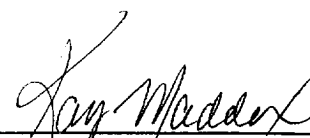
12 Dedicated Acres 40	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION

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


Signature
Kay Maddox
Printed Name
Regulatory Agent
Title
April 16, 2002
Date

18 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 belief.

Date of Survey
Signature and Seal of Professional Surveyor:

Certificate Number