

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 reenter or to convert to a different use.
Use "APPLICATION FOR PERMIT - " for such proposals

RECEIVED
BLM
96 AUG - 1 PM 12: 22

070 FARMINGTON, NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company

Attention:

Pat Archuleta, Room 1205C

3. Address and Telephone No.

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1810'FNL 1080'FWL Sec. 27 T 29N R 8W Unit E

5. Lease Designation and Serial No.

SF-078049

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Huges A 1E

9. API Well No.

3004525459

10. Field and Pool, or Exploratory Area

Basin Dakota/Blanco Mesaverde

11. County or Parish, State

San Juan New Mexico

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

TYPE OF SUBMISSION

TYPE OF ACTION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ 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.)

Amoco Production Company requests permission to reperf the Dakota, recomplete to the Mesaverde and downhole commingle the Mesaverde and Dakota.

RECEIVED
AUG - 8 1996
OIL CON. DIV.
DIST. 3

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

Signed

Pat Archuleta

Title

Clerk

Date

07-31-1996

(This space for Federal or State office use)

APPROVED

Approved by

Conditions of approval, if any:

Title

AUG 02 1996

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 statement or representations as to any matter within its jurisdiction.

DISTRICT MANAGER

Recompletion
Hughes A 1E - Run 81
July 25, 1996

Procedure:

1. Check bradenhead pressure. Relay results to Stan Kolodzie in Denver.
2. Move in rig. Rig Up. Nipple up blowout preventer. Install 7" blooie lines.
3. Blow down and control well. The Dakota work should be a "Hot Work" repair if possible. **WITHIN THE BOUNDARIES OF WORKING REASONABLY SAFELY** try to prevent using kill fluids to prevent the fluids from invading the Dakota pay intervals.
4. Pull Dakota 2 3/8" tubing string.
5. Run 4 1/2" bit and scraper and clean out to PBTD at 7555'.
6. Reperforate the Dakota pay zone with 2 JSPF over the following intervals:

Dakota Perforations:	7308 - 7326	37 shots
	7413 - 7416	7 shots
	7440 - 7444	9 shots
	7523 - 7534	23 shots
	Total	76 shots
7. Run Composite, EZ-drill Bridge Plug to temporarily shut off Dakota. Set Composite Bridge Plug at approx 7200'. Cover Bridge Plug with 50 foot of sand.
8. Run packer and pressure test casing to 1000 psi. If casing integrity fails notify Stan Kolodzie in Denver. A casing repair will be done unless the cost to repair the casing appears too high.
9. Run casing gun and perforate new Lwr Menefee/Pt Lookout intervals. Since the pay zone is to be fraced, perforating underbalanced is not needed and a lubricator is not required. A fluid column giving 700 psi hydrostatic head at the perfs should be sufficient to control the pressure in the Mesa Verde. **THIS WILL BE A LIMITED ENTRY RECOMPLETION.**

Lwr Menefee/Pt Lookout	5201 - 5203	
	5206 - 5208	1 shot at 5207'
	5211 - 5214	1 shot at 5212'
	5216 - 5218	1 shot at 5217'
	5221	
	5224 - 5226	1 shot at 5225'
	5228 - 5230	1 shot at 5229'
	5231 - 5233	
	5264 - 5267	1 shot at 5265'
	5268 - 5270	1 shot at 5269'
	5273 - 5287	4 shots
	5289 - 5294	1 shot at 5291'
	5303 - 5310	1 shot at 5307'
	5312 - 5316	1 shot at 5314'
	5430 - 5434	1 shot at 5432'
	Total	15 shots

Recompletion
Hughes A 1E - Run 81 - Area 4
July 25, 1996

10. Frac the Lwr Menefee/Pt Lookout perforations according to the attached Frac Schedule A.

NOTE THAT LWR MENEFEE/PT LOOKOUT INTERVAL IS TO BE FRACED SEPARATE FROM THE OTHER TWO INTERVALS. THE FLOW BACK/CLEAN UP SCHEDULE AFTER THIS FRAC WILL REQUIRE A PERIOD OF 2 TO 3 DAYS BETWEEN THIS FRAC AND THE NEXT FRAC. THIS FLOW BACK/CLEAN UP PERIOD SHOULD NOT BE CHANGED WITHOUT PRIOR APPROVAL OF THE ENGINEER.

11. After the shut-in period, run 2 3/8" tubing to the Lwr Menefee/Pt Lookout interval. Set tubing at approx 5280' and produce the Lwr Menefee/Pt Lookout to clean up the liquids from the interval.

12. Run wireline-set Bridge Plug to temporarily shut off the Lwr Menefee/Pt Lookout interval. Set Bridge Plug at 5190'. Cover bridge plug with 10 foot of sand.

13. Run casing gun and perforate new Menefee intervals. Since the pay zone is to be fraced, perforating underbalanced is not needed and a lubricator is not required. A fluid column giving 700 psi hydrostatic head at the perfs should be sufficient to control the pressure in the Mesa Verde. THIS WILL BE A LIMITED ENTRY RECOMPLETION.

Menefee	4905 - 4908	1 shot at 4907'
	4921 - 4926	1 shot at 4923'
	4941	
	4944 - 4948	1 shot at 4947'
	4950 - 4954	1 shot at 4952'
	4959 - 4963	1 shot at 4960'
	4982 - 4985	1 shot at 4984'
	5042 - 5047	2 shots - 5044 & 5046'
	5050 - 5054	1 shot at 5051
	5077 - 5079	1 shot at 5078'
	5080 - 5082	1 shot at 5081'
	5088 - 5090	
	5091 - 5093	1 shot at 5092'
	5098 - 5100	
	5103 - 5109	1 shot at 5107'
	5111 - 5113	1 shot at 5112'
	5150 - 5153	1 shot at 5152'
	5161 - 5169	2 shots - 5163 & 5167
	Total	17 shots

Recompletion
Hughes A 1E - Run 81 - Area 4
July 25, 1996

14. Frac the Menefee perforations according to the attached Frac Schedule B.

NOTE THAT MENELEE IS TO BE FRACED SEPARATE FROM THE OTHER TWO INTERVALS. THE FLOW BACK/CLEAN UP SCHEDULE AFTER THIS FRAC WILL REQUIRE A PERIOD OF 2 TO 3 DAYS BETWEEN THIS FRAC AND THE CLIFFHOUSE FRAC. THIS FLOW BACK/CLEAN UP PERIOD SHOULD NOT BE CHANGED WITHOUT PRIOR APPROVAL OF THE ENGINEER.

15. After the shut-in period, run 2 3/8" tubing to the Menefee interval. Set tubing at approx 5000' and produce the Menefee to clean up the liquids from the interval.

16. Run wireline-set Bridge Plug to temporarily shut off the Menefee interval. Set Bridge Plug at 4880'. Cover bridge plug with 30 foot of sand.

17. Run casing gun and perforate new Cliffhouse intervals. Since the pay zone is to be fraced, perforating underbalanced is not needed and a lubricator is not required. A fluid column giving 700 psi hydrostatic head at the perfs should be sufficient to control the pressure in the Mesa Verde. THIS WILL BE A LIMITED ENTRY RECOMPLETION.

Cliffhouse Peforations:	4654 - 4562	2 shots - 4656 & 4660'
	4664 - 4668	1 shot at 4666'
	4678 - 4680	1 shot at 4669'
	4681 - 4684	1 shot at 4682'
	4693 - 4695	
	4697 - 4704	2 shot - 4698 & 4701'
	4708 - 4714	1 shot at 4711'
	4716 - 4722	1 shot at 4719'
	4736 - 4739	1 shot at 4738'
	4743	
	4746 - 4748	1 shot at 4747'
	4770 - 4772	
	4774 - 4780	2 shots - 4776 & 4778'
	4782 - 4789	2 shots - 4783 & 4785'
	4788 - 4792	1 shot at 4791'
	4795 - 4798	1 shot at 4797'
	4811 - 4813	1 shot at 4812'
	Total	18 shots

18. Frac the Cliffhouse perforations according to the attached Frac Schedule C.

19. After the shut-in period, run 2 3/8" tubing to the Cliffhouse interval. Set tubing at approx 4700' and produce the Cliffhouse to clean up the liquids from the interval.

20. Pull work tubing.

21. Retrieve bridge plugs to open up the Menefee and the Lwr Menefee/Pt Lookout perfs.

Recompletion
Hughes A 1E - Run 81
July 25, 1996

22. IF APPROVAL TO COMMINGLE THE DAKOTA AND MESA VERDE HORIZONS HAS BEEN RECEIVED AT THIS POINT -- Drill out EZ Drill composite plug to open up Dakota interval.

23. Run 2 3/8" production tubing to approx. 7510' if well is to be immediately commingled. Run 2 3/8" production tubing to approx. 5280' if only the Mesa Verde will be produced at first.

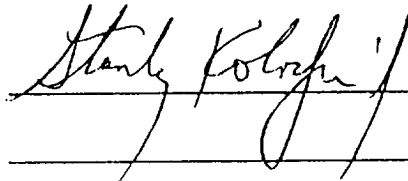
24. Remove BOP. Hook up well to production equipment.

25. Unload well with air unit or Nitrogen if necessary. Flow well to atmosphere with 1/2" or 3/4" choke for 2 hours to estimate gas rate for completion report.

26. RDMO service unit. Return well to production.

AUTHORIZATIONS

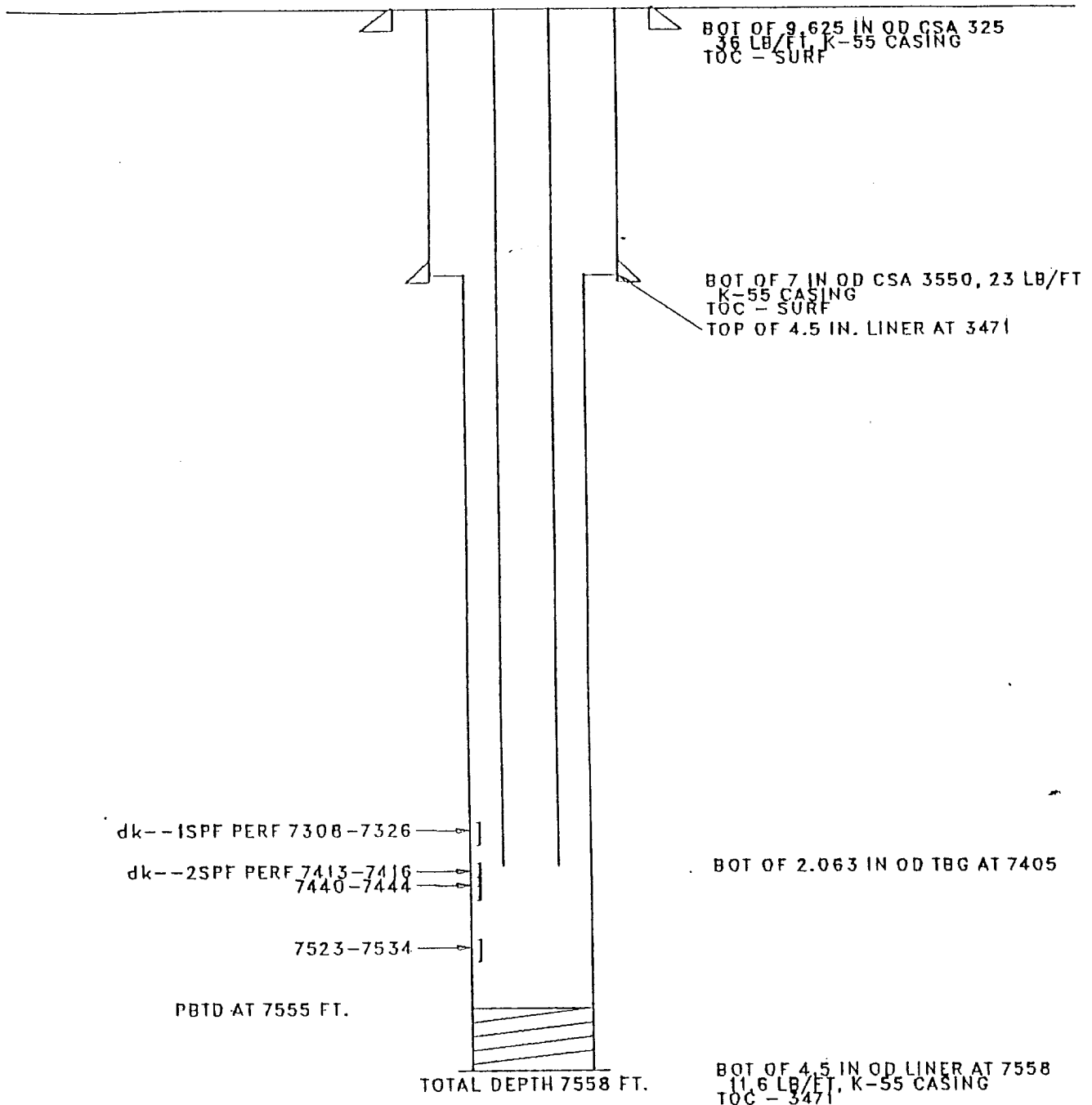
ENGINEER



PRODUCTION FOREMAN

WORKOVER FOREMAN

HUGHES A 001E 89
Location - 27E-29N-8W
SINGLE dk
Orig. Completion - 2/83
Last File Update - 1/89 by BCB
Cathodic Protection Unknown



District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

RECEIVED CONSERVATION DIVISION
BLM 2040 South Pacheco
Santa Fe, NM 87505

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☐ AMENDED REPORT

079 FARMINGTON, NM AND ACREAGE DEDICATION PLAT

1 API Number 3004525459		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code 000701		5 Property Name Hughes A			6 Well Number 1E
7 OGRID No. 000778		8 Operator Name Amoco Production Company			9 Elevation 320

10 Surface Location


UL or lot no. E	Section 27	Township 29N	Range 8W	Lot Idn	Feet from the 1810	North/South line North	Feet from the 1080	East/West line West	County San Juan
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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
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12 Dedicated Acres 320.00	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

<div>16</div> 					<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Pat Archuleta</i></p> <p>Signature Pat Archuleta</p> <p>Printed Name Clerk</p> <p>Title July 31, 1996</p> <p>Date</p>
					<div>18 SURVEYOR CERTIFICATION</div> <p>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.</p> <p>May 27, 1982</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyer:</p>
					<p>3950</p> <p>Certificate Number</p>

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

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070 FARMINGTON, NM

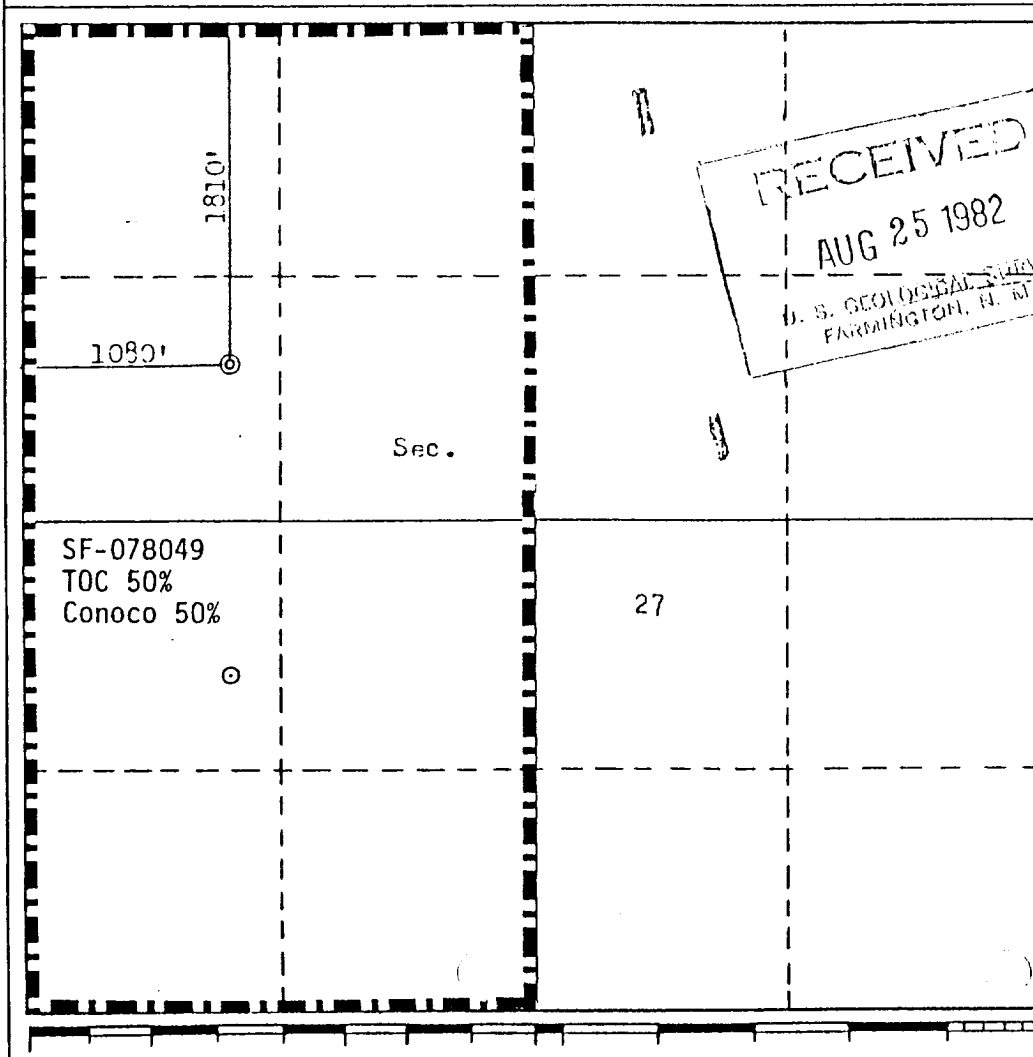
Operator TENNECO OIL COMPANY			Lease HUGHES "A"		Well No. 1E
Unit Letter E	Section 27	Township 29N	Range 8W	County San Juan	
Actual Footage Location of Well: 1810 feet from the North line and 1080 feet from the West line					
Ground Level Elev. 6435	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 320 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 interests of all owners been consolidated by communitization, unitization, force-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 allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name

Ken Russell

Position

Sr. Production Analyst

Company

Tenneco Oil E & P

Date

July 20, 1982

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

May 22, 1982

Registered Professional Engineer
and/or Licensed Surveyor

Fred B. Kerr Jr.

Certificate No.

3950